

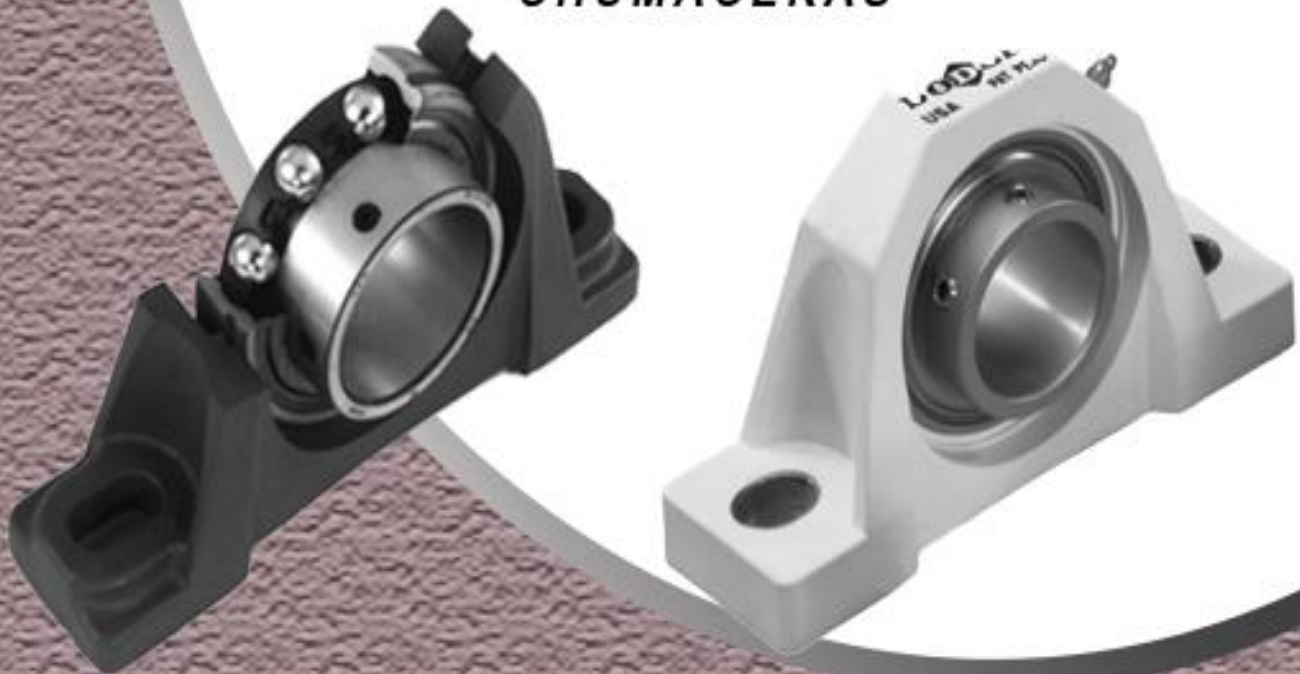


**SUMINISTROS  
INDUSTRIALES  
DÍAZ**

**CATÁLOGO**

**DODGE**

**CHUMACERAS**



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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## FEATURES/BENEFITS

### Setscrew Ball Bearings

For over 70 years, DODGE has been talking to mounted bearing users and listening to their needs. This experience lead to the design of the optimum mounted ball bearing. A state-of-the-art facility was built in Rogersville, Tennessee, to manufacture the new DODGE design.

The result is the DODGE SC/SCM VSC/SL line. it is the most current design setscrew mounted ball bearing on the market and provides the user unmatched quality and true total value.

- Light Duty Narrow Inner Ring (SL)
- Intermediate Duty Narrow Inner Ring (VSC)
- Normal Duty Wide Inner Ring (SC)
- Medium Duty Wide Inner Ring (SCM)
- Wide Variety of Housing Configurations
- Available in 1/2 to 3-1/2 (17 to 90mm) Bore Sizes
- Seal Options:
  - Flingers on SC/SCM (flingers are standard on E-Z KLEEN® nickel plated and Screw Conveyor Hanger Bearings)
  - Low friction labyrinth on SC/SCM
- Other Options:
  - Corrosion resistant inserts for SC/SCM, E-Z KLEEN and nickel plate
  - FDA/USDA lubricant and other special lubricants
  - High temperature SC/SCM designed for temperatures from 225°F to 400°F. Factory assembled to order.

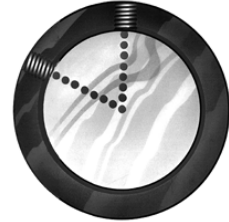
For application assistance, contact DODGE Engineering  
Phone 864-281-2195  
Fax 864-281-2317

### DODGE End Covers

Available from stock to fit SC, SCM and VSC mounted units, these end covers are designed for added protection from contaminants as well as for OSHA requirements. Covers are OSHA yellow.



### Superior Locking Forces



The DODGE SC/SCM/VSC/SL line uses 65° design which offers an optimum balance between locking force and inner ring stress.

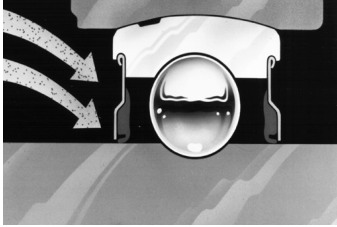




## FEATURES/BENEFITS

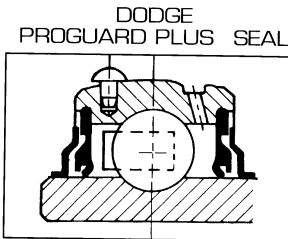
### Setscrew Ball Bearings

#### The DODGE PROGUARD™ Seal



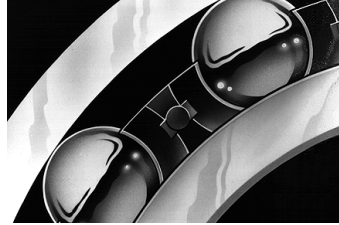
PROGUARD positive contact, low drag rubber seal

DODGE SC/SCM/SSC/SL mounted ball bearings use the field proven PROGUARD land-riding contact seal with steel shield protection. This highly effective positive seal design assures uniform lip contact with the inner ring to seal out contaminants and seal in lubricants.



On SC/SCM optional fingers can be added to form a tight labyrinth with the PROGUARD seal and provide additional seal protection against contaminants and trash.

#### Stronger, More Flexible Cage



Reinforced, stabilized nylon cage

The ball cage is made of heat stabilized nylon with 33% fill short fiberglass reinforcement for added strength. The nylon material provides a natural lubricity for longer life. Fiberglass reinforcement allows higher operating temperatures than plain nylon, yet is more resistant to fatigue than metallic cages. Short fiberglass allows greater flexibility than steel or normal fiberglass, especially under misalignment. That means longer life in mounted bearings where some degree of misalignment is unavoidably encountered.

#### Anti-Rotation Pin (SC/SCM)

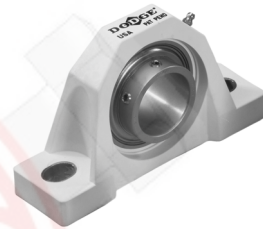
An anti-rotation pin prevents rotation of the outer race within the housing. Simple and effective, it makes system inserts easier to replace. There is no need to remove and replace grease fittings, location pins or other devices.



Simplified Anti-rotation device

#### DODGE E-Z KLEEN Ball Bearings

Available with Polymer and stainless steel housing, with corrosion resistant bearing inserts. These features make the SC ball bearing uniquely suited for the food, chemical and processing industries.



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing





### Setscrew Ball Bearings

#### HOW TO ORDER

There are two ways to specify DODGE Bearings. Most of the product offering have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate ordering processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown below and add any special instructions to the end of the description for options not covered by the nomenclature.

#### NOMENCLATURE

**P2B - SC - 104S - NL**

##### Modification or Feature

- CR = Corrosion Resistant Insert
- E = Expansion
- FF = ProGard Plus seals (with Flingers)
- HT = High Temperature option (400° F maximum)
- LL = Low torque labyrinth seal
- MOD = Modified
- NL = No Lube (sealed for life)
- RL = Relube (used with SL flanges)

##### Shaft Size

Inches:

- First digit = Number of inches
- Second & third digits = Number of sixteenths of an inch
- 104 = Indicates 1-4/16 or 1-1/4

S = Next smaller ring size. E.g. 1-1/4 206 would be written as 104S

L = Next larger ring size. E.g. 1/2 204 would be written as 008L

Metric:

- First two digits = number of millimeters
- M = Metric

##### Bearing Type:

- CC = Wide inner ring, normal duty, setscrew locking (for Fan & Blower pillow blocks)
- SC = Wide inner ring, normal duty, 65° setscrew locking
- SCM = Wide inner ring, medium duty, 65° setscrew locking
- SL = Narrow inner ring, light duty, stamped steel housing, 65o setscrew locking
- VSC = Narrow inner ring, intermediate duty, 65° setscrew locking"

Suffixes to the above:

- AH = Air handling
- B = Low backing height pillow block
- H = High backing height (used with non-expansion and expansion units)
- U = Higher back pillow block (for interchangeability with competitor pillow blocks)

##### Housing:

- CYL = Cylindrical Unit
- F2B = 2 bolt flange
- F2BZ = 2 bolt flange with pilot machined on the back side (used with metric <D> Lok bearings)
- F3B = 3 bolt flange
- F4B = 4 bolt flange
- FB = Flange bracket
- FC = Flanged cartridge (piloted flange)
- F&B = Fan and blower pillow block

- HNG = Hanger bearing
- LF = 3 bolt light duty flange
- LFT = 2 bolt light duty flange
- NSTU = Narrow slot take-up
- P2B = 2 bolt base pillow block
- SCHB = Screw conveyor hanger bearing
- TB = Tapped base pillow block
- TP = Top angle take-up
- WSTU = Wide slot take-up

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## SELECTION

### Setscrew Ball Bearings

DODGE mounted ball bearings are primarily designed for radial loading. However, they have the capacity to carry thrust loads and combined radial/thrust loads. The maximum recommended load which can be applied is limited by various components in the system, such as bearing, housing, shaft attachments, speed and life requirements. DODGE mounted ball bearings have been applied successfully when these limits have been exceeded under controlled operating conditions. Contact DODGE Engineering for applications which exceed these recommendations.

Select a bearing from the Selection Chart that has a radial load rating at the operating speed equal to or greater than the calculated Equivalent Radial load for a desired  $L_{10}$  life. This simple method is all that is required for the majority of general applications and provides for occasional average shock loads.

**$L_{10}$  Hours Life**-is the life which may be expected for at least 90% of a given group of bearings operating under identical conditions. For an  $L_{10}$  hours life other than those listed in the Selection Chart, multiply the equivalent Radial load by one of the following factors. For 50,000  $L_{10}$  hours life, use a factor of 1.18 and for 80,000, use 1.39. Then select a bearing from the bold face (30,000)  $L_{10}$  ratings only in the Selection Chart that has a rating equal to or greater than this value.

**Heavy Service**-For heavy shock loads, frequent shock loads or severe vibrations, add up to 50% (according to severity of conditions) to the Equivalent Radial Load to obtain a Modified Equivalent Radial Load. Consult Application Engineering for additional selection assistance.

A thrust load value of  $C/10$  is recommended as a guide for general applications and will give adequate  $L_{10}$  life. Where substantial radial load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices, such as shear bars, are advisable for side or end-loading of pillow blocks and radial loads for flange units.

To determine the  $L_{10}$  hours life for loads and RPM's not listed use the following equation:

$$L_{10} = \left(\frac{C}{P}\right)^3 \times \frac{16667}{\text{RPM}}$$

Where:

$L_{10}$  = Life, hours

C = Dynamic Capacity, lbs. or N

P = Equivalent Radial Load, lbs. or N

When the load on a ball bearing is solely a radial load with no thrust (axial) load, the Equivalent Radial Load (P) is equal to the actual radial load. However, when a thrust (axial) load is applied, the radial and thrust loads applied must be converted into an Equivalent Radial Load. The use of the X (radial factor) and Y (thrust factor) from Table 1 convert the actual applied thrust and radial loads to an Equivalent Radial Load which has the same effect on the life of a bearing as a radial load of this magnitude.

$$P = (X \times F_R) + (Y \times F_A)$$

Where:

P = Equivalent Radial Load, lbs.

$F_R$  = Radial load, lbs.

$F_A$  = Thrust load, lbs.

e = Thrust load to radial load factor (Table 1)

X = Radial load factor (Table 1)

Y = Thrust Factor (Table 1)

$C_0$  = Basic static capacity

To find X and Y, first calculate  $F_A/C_0$  to determine e. Calculate  $F_A/F_R$  and compare to e to determine the X and Y factors to use from Table 1.

Substitute all known values into the Equivalent Radial Load equation. The Equivalent Radial loads (P) thus determined can be used in the  $L_{10}$  life formula or compared to the allowable Equivalent Radial Load rating desired in the expanded rating chart to select a bearing (Table 2).

If calculated value of P is less than  $F_R$ , use  $P=F_R$ .

$F_A$ $C_0$	e	Radial/Thrust Factors			
		If $F_A/F_R$ is equal to or less than e		If $F_A/F_R$ is greater than e	
		$F_A/F_R \leq e$		$F_A/F_R > e$	
		X	Y	X	Y
.014	.19	1	0	0.56	2.30
.021	.21	1	0	0.56	2.15
.028	.22	1	0	0.56	1.99
.042	.24	1	0	0.56	1.85
.056	.26	1	0	0.56	1.71
.070	.27	1	0	0.56	1.63
.084	.28	1	0	0.56	1.55
.110	.30	1	0	0.56	1.45
.170	.34	1	0	0.56	1.31
.280	.38	1	0	0.56	1.15
.420	.42	1	0	0.56	1.04
.560	.44	1	0	0.56	1.00

**Lubrication**-DODGE Ball Bearings are lubricated at the factory and are ready to run. The bearings are initially lubricated with Shell Alvania #2 and should be relubricated with the same or some equivalent. For high speeds, high loads, extreme temperatures and other abnormal operating conditions, special greases may be required. Contact DODGE Application Engineering for recommendations on these types of applications.

**Misalignment**-DODGE Ball Bearings are designed to allow a maximum of  $\pm 2^\circ$  static misalignment. These bearings are not suitable for dynamic misalignment. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimming may be required to minimize misalignment.

Shaft Tolerances		
Normal Shaft Size Inches	Commercial Shaft Tolerances Inches	Recommended Shaft Tolerances Set Screw Ball Bearings Inches
Up to 1-1/2"	+0.000 -0.002	+0.0000 -0.0005
Over 1-1/2" to 2-1/2"	+0.000 -0.003	+0.0000 -0.0010
Over 2-1/2" to 4"	+0.000 -0.004	+0.0000 -0.0010

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## SELECTION

### Setscrew Ball Bearings - Inch

#### Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

RING-SIZE	SHAFT SIZE		DYNAMIC CAPACITY C, Lbs.	STATIC CAPACITY Co, Lbs.	L10 LIFE-HOURS	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (LBS.) AT VARIOUS RPM*									
	SC, VSC, SL, CC	SCM				2500	3000	3500	4000	4500	5000	5500	6500	7500	
203	1/2 5/8		2158	1000	20000	150	140	135	130	125	120	115	110	105	
					30000	130	125	115	110	105	100	95	90	85	80
					40000	120	110	105	100	95	90	85	80	75	70
					60000	105	95	90	85	80	75	70	65	60	55
					100000	85	80	75	70	65	60	55	50	45	40
204	1/2 5/8 3/4 13/16		2899	1390	20000	200	190	180	170	165	160	155	150	145	
					30000	175	165	155	150	145	140	135	130	125	
					40000	160	150	145	135	130	125	120	115	110	
					60000	140	130	125	120	115	110	105	100	95	
					100000	115	110	105	100	95	90	85	80	75	
205	7/8 15/16 1		3146	1565	20000	220	205	195	185	180	175	170	165	160	
					30000	190	180	170	165	155	150	145	140	135	
					40000	175	165	155	150	140	135	130	125	120	
					60000	150	140	135	130	125	120	115	110	105	
					100000	125	120	115	110	105	100	95	90	85	
206	1-1/16 1-1/8 1-3/16 1-1/4	1	4368	2250	20000	305	285	270	260	250	240	235	230	225	
					30000	265	250	235	225	220	210	205	195	190	
					40000	240	225	215	205	200	190	185	180	175	
					60000	210	200	190	180	175	165	160	155	150	
					100000	175	165	160	150	145	140	135	130	125	
207	1-1/4 1-5/16 1-3/8 1-7/16	1-3/16 1-1/4	5759	3065	20000	400	375	355	340	330	315	305	295	285	
					30000	350	330	310	300	285	275	270	260	250	
					40000	315	300	285	270	260	250	245	240	235	
					60000	275	260	250	235	230	220	215	210	205	
					100000	235	220	210	200	190	185	180	175	170	
208	1-1/2 1-5/8	1-7/16 1-1/2**	7332	4005	20000	510	480	455	435	420	405	395	385	375	
					30000	445	420	400	380	365	355	350	340	330	
					40000	405	380	360	345	330	320	315	310	305	
					60000	355	330	315	300	290	280	275	270	265	
					100000	300	280	265	255	245	240	235	230	225	
209	1-5/8 1-11/16 1-3/4	1-1/2	7891	4450	20000	550	515	490	470	450	435	425	415	405	
					30000	480	450	430	410	395	380	375	370	365	
					40000	435	410	390	370	360	345	340	335	330	
					60000	380	360	340	325	310	300	295	290	285	
					100000	320	300	285	275	265	255	250	245	240	
210	1-15/16 2	1-11/16 1-3/4	7891	4450	20000	550	515	490	470	450	435	425	415	405	
					30000	480	450	430	410	395	380	375	370	365	
					40000	435	410	390	370	360	345	340	335	330	
					60000	380	360	340	325	310	300	295	290	285	
					100000	320	300	285	275	265	255	250	245	240	
211	2 2-3/16 2-1/4	1-15/16 2	9755	5630	20000	676	636	604	578	560	545	530	515	500	
					30000	591	556	528	505	490	475	460	445	430	
					40000	537	505	480	459	445	430	415	400	385	
					60000	469	441	419	401	385	370	355	340	325	
					100000	395	372	353	338	325	310	300	290	280	
212	2-1/4 2-7/16	2-3/16 2-1/4	11791	6955	20000	820	770	730	700	680	660	640	620	600	
					30000	715	675	640	610	590	570	550	530	510	
					40000	650	610	580	550	530	510	490	470	450	
					60000	570	535	510	480	460	440	420	400	380	
					100000	480	450	430	410	390	370	350	330	310	
214	2 11/16	2-7/16 2-1/2	13995	8410	20000	970	915	870	830	800	780	760	740	720	
					30000	850	800	770	745	720	700	680	660	640	
					40000	770	725	700	670	650	630	610	590	570	
					60000	675	635	610	580	560	540	520	500	480	
					100000	570	535	510	480	460	440	420	400	380	
215	2-15/16	2-11/16	14872	9255	20000	1035	975	930	890	860	840	820	800	780	
					30000	905	850	820	790	770	750	730	710	690	
					40000	820	770	740	710	690	670	650	630	610	
					60000	715	675	650	620	600	580	560	540	520	
					100000	605	570	540	510	490	470	450	430	410	
216		2-15/16 3	17407	11015	20000	1210	1155	1110	1070	1040	1010	980	950	920	
					30000	1055	1000	960	920	890	860	830	800	770	
					40000	960	910	870	830	800	770	740	710	680	
					60000	840	790	750	710	680	650	620	590	560	
					100000	705	660	620	580	550	520	490	460	430	
218		3-7/16 3-1/2	21451	13940	20000	1510	1445	1390	1340	1300	1260	1220	1180	1140	
					30000	1310	1250	1200	1150	1110	1070	1030	990	950	
					40000	1180	1120	1070	1020	980	940	900	860	820	
					60000	1020	960	910	860	820	780	740	700	660	
					100000	840	790	740	690	650	610	570	530	490	

\* Slight interference fit required when operating on the right of the heavy line or in the shaded area \*\* Piloted flange only

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7821606595  
7821604051  
7821610766



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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing







## SELECTION

### Setscrew Ball Bearings - Metric

Table 2 (Continued): Easy Selection Table For Ball Bearing Mounted Units

RING-SIZE	SHAFT SIZE		DYNAMIC CAPACITY C, N.	STATIC CAPACITY Co, N.	L10 LIFE-HOURS	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (N.) AT VARIOUS RPM*									
	SC, VSC, SL, C	SCM				2500	3000	3500	4000	4500	5000	5500	6500	7500	
203	17mm		9600	4450	20000	667	623	600	578	556	534	512	489	467	
					30000	578	556	512	489	467	445	423	400	378	356
					40000	534	489	467	445	423	400	378	356	334	311
					60000	467	423	423	400	378	356	334	311	289	267
					100000	378	356	356	334	311	311	289	267	245	223
204	20mm		12895	6185	20000	890	845	801	756	734	712	689	645	623	
					30000	778	724	689	667	645	623	600	578	556	
					40000	712	667	645	600	578	556	534	512	489	
					60000	623	578	556	534	512	489	467	445	423	
					100000	512	489	467	445	400	423	400	378	356	
205	25mm		13995	6964	20000	979	912	867	823	801	778	756	712	667	
					30000	845	801	756	734	689	667	645	623	600	
					40000	778	734	689	667	623	600	600	556	534	
					60000	667	623	600	578	556	534	512	489	467	
					100000	556	534	512	489	467	445	445	423	400	
206	30mm	25mm	18993	10013	20000	1357	1268	1201	1156	1112	1068	1045	979		
					30000	1179	1112	1045	1001	979	934	912	867		
					40000	1068	1001	958	912	890	845	823	778		
					60000	934	890	845	801	778	734	712	689		
					100000	778	734	712	667	645	623	600	578		
207	35mm	30mm	25628	13639	20000	1779	1668	1579	1512	1468	1401	1357			
					30000	1557	1468	1379	1134	1268	1223	1201			
					40000	1401	1334	1268	1201	1156	1112	1090			
					60000	1223	1156	1112	1045	1023	979	956			
					100000	1045	979	934	890	845	823	801			
208	40mm	35mm	32627	17822	20000	2268	2135	2024	1935	1868	1801				
					30000	1979	1868	1779	1690	1624	1579				
					40000	1801	1690	1601	1535	1468	1423				
					60000	1576	1468	1401	1334	1290	1245				
					100000	1334	1245	1179	1134	1090	1045				
209	45mm	40mm	35115	19803	20000	2446	2291	2180	2091	2002	1935				
					30000	2135	2002	1913	1824	1757	1690				
					40000	1935	1824	1735	1646	1601	1535				
					60000	1690	1601	1512	1446	1379	1334				
					100000	1423	1334	1268	1223	1179	1134				
210	50mm	45mm	35115	19803	20000	2446	2291	2180	2091	2002					
					30000	2135	2002	1913	1824	1757					
					40000	1935	1824	1735	1646	1601					
					60000	1690	1601	1512	1446	1379					
					100000	1423	1334	1268	1223	1179					
211	55mm	50mm	43394	25054	20000	3007	2830	2688	2571						
					30000	2627	2472	2348	2246						
					40000	2387	2246	2134	2041						
					60000	2085	1962	1864	1783						
					100000	1759	1655	1572	1504						
212	60mm	55mm	52470	30950	20000	3647	3425	3247	3247						
					30000	3180	3002	2847							
					40000	2891	2713	2580							
					60000	2535	2380	2268							
					100000	2135	2002	1913							
214	70mm	65mm	62278	37425	20000	4315	4070								
					30000	3781	3558								
					40000	3425	3225								
					60000	3002	2824								
					100000	2535	2380								
215	75mm	70mm	66180	41185	20000	4604	4337								
					30000	4025	3781								
					40000	3647	3425								
					60000	3180	3002								
					100000	2691	2535								
216	75mm		77426	49155	20000	5382									
					30000	4693									
					40000	4270									
					60000	3736									
					100000	3136									
218	85mm		95371	62005	20000										
					30000										
					40000										
					60000										
					100000										

\* Slight interference fit required when operating on the right of the heavy line or in the shaded area

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B3-9



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

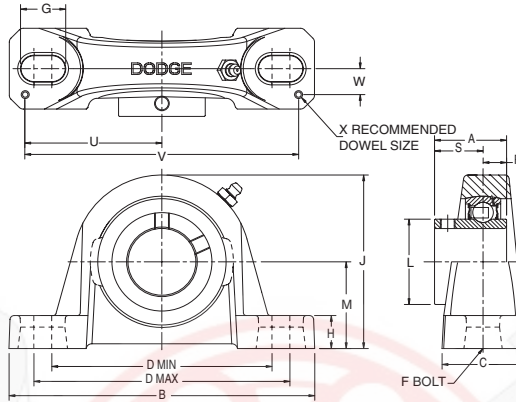
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	<b>123830</b>	P2B-SC-008	<b>123932</b>	P2B-SC-008-NL	@	P2B-SC-008-FF
	5/8	<b>123831</b>	P2B-SC-010	<b>126500</b>	P2B-SC-010-NL	<b>124575</b>	P2B-SC-010-FF
	17mm	<b>053170</b>	P2B-SC-17M	@	P2B-SC-17M-NL	@	P2B-SC-17M-FF
203 (SCU)	1/2	<b>123753</b>	P2B-SCU-008	@	P2B-SCU-008-NL	@	P2B-SCU-008-FF
	5/8	<b>123754</b>	P2B-SCU-010	@	P2B-SCU-010-NL	@	P2B-SCU-010-FF
	17mm	<b>125850</b>	P2B-SCU-17M	@	P2B-SCU-17M-NL	@	P2B-SCU-17M-FF
204	1/2	<b>123835</b>	P2B-SC-008L	<b>052101</b>	P2B-SC-008L-NL	@	P2B-SC-008L-FF
	5/8	<b>123836</b>	P2B-SC-010L	@	P2B-SC-010L-NL	@	P2B-SC-010L-FF
	3/4	<b>123803</b>	P2B-SC-012	<b>052012</b>	P2B-SC-012-NL	<b>053256</b>	P2B-SC-012-FF
	20mm	<b>125851</b>	P2B-SC-20M	@	P2B-SC-20M-NL	@	P2B-SC-20M-FF
205	7/8	<b>123804</b>	P2B-SC-014	<b>126502</b>	P2B-SC-014-NL	@	P2B-SC-014-FF
	15/16	<b>123805</b>	P2B-SC-015	<b>126503</b>	P2B-SC-015-NL	<b>124029</b>	P2B-SC-015-FF
	1	<b>123806</b>	P2B-SC-100	<b>123824</b>	P2B-SC-100-NL	<b>123779</b>	P2B-SC-100-FF
	25mm	<b>125852</b>	P2B-SC-25M	<b>056744</b>	P2B-SC-25M-NL	@	P2B-SC-25M-FF
206	1-1/16	<b>123807</b>	P2B-SC-101	<b>126504</b>	P2B-SC-101-NL	@	P2B-SC-101-FF
	1-1/8	<b>123808</b>	P2B-SC-102	<b>126505</b>	P2B-SC-102-NL	<b>125383</b>	P2B-SC-102-FF
	1-3/16	<b>123809</b>	P2B-SC-103	<b>123828</b>	P2B-SC-103-NL	<b>050270</b>	P2B-SC-103-FF
	1-1/4	<b>123170</b>	P2B-SC-104S	<b>049852</b>	P2B-SC-104S-NL	@	P2B-SC-104S-FF
30mm	<b>125853</b>	P2B-SC-30M	@	P2B-SC-30M-NL	<b>053198</b>	P2B-SC-30M-FF	
206 (SCU)	1-1/16	<b>123877</b>	P2B-SCU-101	@	P2B-SCU-101-NL	@	P2B-SCU-101-FF
	1-1/8	<b>123878</b>	P2B-SCU-102	@	P2B-SCU-102-NL	@	P2B-SCU-102-FF
	1-3/16	<b>123879</b>	P2B-SCU-103	<b>050837</b>	P2B-SCU-103-NL	@	P2B-SCU-103-FF
	1-1/4	<b>123894</b>	P2B-SCU-104S	@	P2B-SCU-104S-NL	@	P2B-SCU-104S-FF
30mm	<b>125854</b>	P2B-SCU-30M	@	P2B-SCU-30M-NL	@	P2B-SCU-30M-FF	
207	1-1/4	<b>123810</b>	P2B-SC-104	<b>123933</b>	P2B-SC-104-NL	<b>123097</b>	P2B-SC-104-FF
	1-5/16	<b>123811</b>	P2B-SC-105	@	P2B-SC-105-NL	@	P2B-SC-105-FF
	1-3/8	<b>123812</b>	P2B-SC-106	<b>123781</b>	P2B-SC-106-NL	<b>054695</b>	P2B-SC-106-FF
	1-7/16	<b>123813</b>	P2B-SC-107	<b>123792</b>	P2B-SC-107-NL	<b>051571</b>	P2B-SC-107-FF
	35mm	<b>125855</b>	P2B-SC-35M	@	P2B-SC-35M-NL	@	P2B-SC-35M-FF

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs. / kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203	1/2	1.1	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
203 (SCU)	1/2	1.2	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	19/32	2-17/64	31/32	1-3/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	15.1	57.5	24.6	30.2	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	33/64	2-9/16	1-1/8	1-5/16	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	13.1	65.1	28.6	33.3	10.7	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	37/64	2-25/32	1-5/16	1-7/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
206	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	14.7	70.6	33.3	36.5	10.7	19.4	63.5	127.0	12.7	4.8
	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	11/16	3-1/4	1-37/64	1-5/8	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.7																	
	1-3/16	2.6																	
206 (SCU)	1-1/4	2.5																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	12.3	23.0	73.0	146.1	14.3	4.8
	1-1/16	2.9	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.8																	
207	1-3/16	2.7																	
	1-1/4	2.6																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
	1-1/16	2.9	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.8																	
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	1-3/8	4.3																	
	1-7/16	4.2																	
35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8	

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B3-11



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

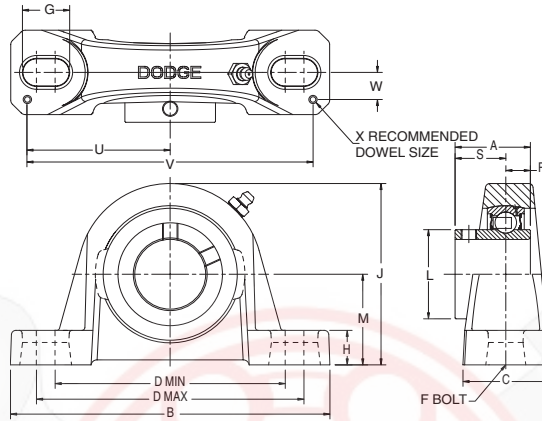
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	<b>123814</b>	P2B-SC-108	<b>123829</b>	P2B-SC-108-NL	<b>125172</b>	P2B-SC-108-FF
	1-5/8	<b>123815</b>	P2B-SC-110	<b>126510</b>	P2B-SC-110-NL	<b>051996</b>	P2B-SC-110-FF
	40mm	<b>056855</b>	P2B-SC-40M	@	P2B-SC-40M-NL	<b>053199</b>	P2B-SC-40M-FF
209	1-5/8	<b>125169</b>	P2B-SC-110L	@	P2B-SC-110L-NL	@	P2B-SC-110L-FF
	1-11/16	<b>123816</b>	P2B-SC-111	<b>123784</b>	P2B-SC-111-NL	<b>064657</b>	P2B-SC-111-FF
	1-3/4	<b>123817</b>	P2B-SC-112	<b>123782</b>	P2B-SC-112-NL	<b>051896</b>	P2B-SC-112-FF
	45mm	<b>125857</b>	P2B-SC-45M	@	P2B-SC-45M-NL	<b>052259</b>	P2B-SC-45M-FF
210	1-15/16	<b>123818</b>	P2B-SC-115	<b>123793</b>	P2B-SC-115-NL	@	P2B-SC-115-FF
	2	<b>123819</b>	P2B-SC-200	<b>123939</b>	P2B-SC-200-NL	@	P2B-SC-200-FF
	50mm	<b>125858</b>	P2B-SC-50M	@	P2B-SC-50M-NL	@	P2B-SC-50M-FF
211	2	<b>126815</b>	P2B-SCM-200	<b>126547</b>	P2B-SCM-200-NL	<b>054561</b>	P2B-SCM-200-FF
	2-3/16	<b>123820</b>	P2B-SC-203	<b>123783</b>	P2B-SC-203-NL	<b>056759</b>	P2B-SC-203-FF
	2-1/4	<b>123821</b>	P2B-SC-204	<b>126513</b>	P2B-SC-204-NL	<b>057335</b>	P2B-SC-204-FF
	55mm	<b>125859</b>	P2B-SC-55M	@	P2B-SC-55M-NL	@	P2B-SC-55M-FF
212	2-1/4	<b>126817</b>	P2B-SCM-204	@	P2B-SCM-204-NL	@	P2B-SCM-204-FF
	2-7/16	<b>123822</b>	P2B-SC-207	<b>123987</b>	P2B-SC-207-NL	<b>054265</b>	P2B-SC-207-FF
	60mm	<b>125860</b>	P2B-SC-60M	<b>062162</b>	P2B-SC-60M-NL	@	P2B-SC-60M-FF
214	2-1/2	<b>126819</b>	P2B-SCM-208	@	P2B-SCM-208-NL	@	P2B-SCM-208-FF
	2-11/16	<b>123839</b>	P2B-SC-211	@	P2B-SC-211-NL	@	P2B-SC-211-FF
	70mm	<b>125861</b>	P2B-SC-70M	<b>126548</b>	P2B-SC-70M-NL	<b>059677</b>	P2B-SC-70M-FF
215	2-15/16	<b>123823</b>	P2B-SC-215	<b>123636</b>	P2B-SC-215-NL	<b>049828</b>	P2B-SC-215-FF
	75mm	<b>125862</b>	P2B-SC-75M	@	P2B-SC-75M-NL	@	P2B-SC-75M-FF
215 (SCU)	2-15/16	<b>123728</b>	P2B-SCU-215	@	P2B-SCU-215-NL	<b>054264</b>	P2B-SCU-215-FF
	75mm	<b>052792</b>	P2B-SCU-75M	@	P2B-SCU-75M-NL	@	P2B-SCU-75M-FF
218	90mm	<b>052794</b>	P2B-SC-90M	@	P2B-SC-90M-NL	@	P2B-SC-90M-FF

@Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC AND SCU NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.6	1-23/32	7-7/16	2	5-1/2	6-3/16	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	45mm	2.2	43.7	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	2.6	44.5	206.4	57.2	152.4	169.9	M16	27.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	55mm	3.3	46.8	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
212	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
214	2-1/2	15.5	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
	2-11/16	15.0																	
	70mm	6.9	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
215	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
	215 (SCU)	20.7	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-1/2	3-5/8	3-1/4	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
218	90mm	13.6	63.1	355.6	85.7	261.9	295.3	M22	40.5	33.3	203.2	110.7	101.6	23.4	39.7	116.7	333.4	30.2	4.8

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7821606595  
7821604051  
7821610766

[contacto@sidad.com](mailto:contacto@sidad.com)

B3-13

[www.sidad.com](http://www.sidad.com)



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

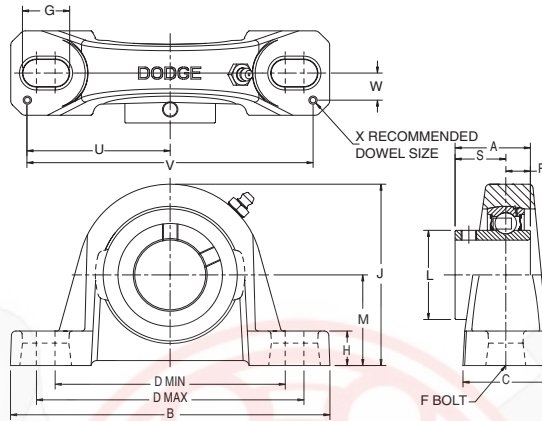
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
203	1/2	<b>123725</b>	P2B-SCAH-008
	5/8	<b>123958</b>	P2B-SCAH-010
	17mm	@	<i>P2B-SCAH-17M</i>
203 (SCU)	1/2	@	P2B-SCUAH-008
	5/8	@	P2B-SCUAH-010
	17mm	@	<i>P2B-SCUAH-17M</i>
204	1/2	@	P2B-SCAH-008L
	5/8	<b>123790</b>	P2B-SCAH-010L
	3/4	<b>123904</b>	P2B-SCAH-012
	20mm	<b>056606</b>	<i>P2B-SCAH-20M</i>
205	7/8	<b>064450</b>	P2B-SCAH-014
	15/16	<b>123903</b>	P2B-SCAH-015
	1	<b>123905</b>	P2B-SCAH-100
	25mm	<b>053718</b>	<i>P2B-SCAH-25M</i>
206	1-1/16	@	P2B-SCAH-101
	1-1/8	<b>123919</b>	P2B-SCAH-102
	1-3/16	<b>123906</b>	P2B-SCAH-103
	1-1/4	@	P2B-SCAH-104S
	30mm	@	<i>P2B-SCAH-30M</i>
206 (SCU)	1-1/16	@	P2B-SCUAH-101
	1-1/8	@	P2B-SCUAH-102
	1-3/16	<b>123918</b>	P2B-SCUAH-103
	1-1/4	<b>123183</b>	P2B-SCUAH-104S
	30mm	@	<i>P2B-SCUAH-30M</i>
207	1-1/4	<b>123907</b>	P2B-SCAH-104
	1-5/16	@	P2B-SCAH-105
	1-3/8	<b>050792</b>	P2B-SCAH-106
	1-7/16	<b>123908</b>	P2B-SCAH-107
	35mm	<b>053717</b>	<i>P2B-SCAH-35M</i>

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
203	1/2	1.1	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
203 (SCU)	1/2	1.2	1	5	1-13/64	3-1/4	4-1/16	3/8	27/32	19/32	2-17/64	31/32	1-3/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	15.1	57.5	24.6	30.2	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	33/64	2-9/16	1-1/8	1-5/16	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4	29.4	133.4	33.7	85.7	106.4	M10	21.4	13.1	65.1	28.6	33.3	10.7	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	37/64	2-25/32	1-5/16	1-7/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6	30.2	139.7	35.7	93.7	114.3	M10	21.4	14.7	70.6	33.3	36.5	10.7	19.4	63.5	127.0	12.7	4.8
206	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	11/16	3-1/4	1-37/64	1-5/8	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.7																	
	1-3/16	2.6	35.3	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	12.3	23.0	73.0	146.1	14.3	4.8
206 (SCU)	1-1/4	2.5																	
	1-1/4	2.6	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
	30mm	1.1																	
207	1-1/16	2.9	1-25/64	6-1/4	1-47/64	4-1/4	5.00	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.8																	
	1-3/16	2.7	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8

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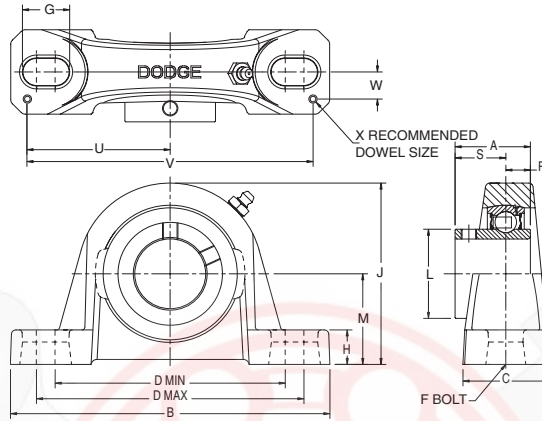




## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCK



#### Lube Fitting

203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
208	1-1/2	<b>123909</b>	P2B-SCAH-108
	1-5/8	<b>056750</b>	P2B-SCAH-110
	40mm	@	P2B-SCAH-40M
209	1-5/8	@	P2B-SCAH-110L
	1-11/16	<b>123910</b>	P2B-SCAH-111
	1-3/4	<b>123911</b>	P2B-SCAH-112
	45mm	<b>052413</b>	P2B-SCAH-45M
210	1-15/16	<b>123912</b>	P2B-SCAH-115
	2	@	P2B-SCAH-200
	50mm	<b>052414</b>	P2B-SCAH-50M
211	2	<b>126847</b>	P2B-SCMAH-200
	2-3/16	<b>123913</b>	P2B-SCAH-203
	2-1/4	@	P2B-SCAH-204
	55mm	@	P2B-SCAH-55M
212	2-1/4	@	P2B-SCMAH-204
	2-7/16	<b>123914</b>	P2B-SCAH-207
	60mm	<b>054009</b>	P2B-SCAH-60M
214	2-1/2	@	P2B-SCMAH-204
	2-11/16	<b>124872</b>	P2B-SCAH-211
	70mm	@	P2B-SCAH-70M
215	2-15/16	<b>123915</b>	P2B-SCAH-215
	75mm	@	P2B-SCAH-75M
215 (SCU)	2-15/16	@	P2B-SCUAH-215
	75mm	@	P2B-SCUAH-75M

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH AND SCUAH AIR HANDLING NORMAL DUTY PILLOW BLOCK

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.6	1-23/32	7-7/16	2	5-1/2	6-3/8	1-2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
	45mm	2.2	43.7	188.9	50.8	139.7	160.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	2.6	44.5	206.4	57.2	152.40	169.9	M16	27.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	2-1/4	8.8																	
	55mm	3.3	46.8	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
212	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
214	2-1/2	15.5	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
	2-11/16	15.0																	
	70mm	6.9	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
215	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
215 (SCU)	2-15/16	20.7	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-1/2	3-5/8	3-1/4	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	8.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	165.1	92.1	82.6	20.6	37.3	139.3	278.6	26.6	4.8

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Bearing Quick Reference

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GRIP TIGHT Adapter Ball Bearing

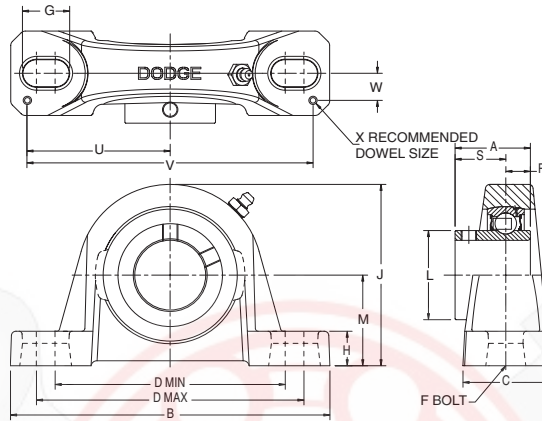
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
203 (SC)	1/2	<b>123830</b>	P2B-SC-008
	5/8	<b>123831</b>	P2B-SC-010
	17mm	<b>053170</b>	<i>P2B-SC-17M</i>
204	1/2	<b>123854</b>	P2B-SCB-008L
	5/8	<b>123855</b>	P2B-SCB-010L
	3/4	<b>123860</b>	P2B-SCB-012
	20mm	<b>@</b>	<i>P2B-SCB-20M</i>
205	7/8	<b>123861</b>	P2B-SCB-014
	15/16	<b>123862</b>	P2B-SCB-015
	1	<b>123863</b>	P2B-SCB-100
	25mm	<b>125768</b>	<i>P2B-SCB-25M</i>
206	1-1/16	<b>123856</b>	P2B-SCB-101
	1-1/8	<b>123864</b>	P2B-SCB-102
	1-3/16	<b>123865</b>	P2B-SCB-103
	1-1/4	<b>123171</b>	P2B-SCB-104S
	30mm	<b>125760</b>	<i>P2B-SCB-30M</i>
207	1-1/4	<b>123866</b>	P2B-SCB-104
	1-5/16	<b>123857</b>	P2B-SCB-105
	1-3/8	<b>123867</b>	P2B-SCB-106
	1-7/16	<b>123868</b>	P2B-SCB-107
	35mm	<b>124944</b>	<i>P2B-SCB-35M</i>

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lb. kg	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203 (SC)	1/2	1.1	1	5	1-31/64	3-1/4	4-1/16	3/8	27/32	2-9/64	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.4	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	29/64	2-1/2	1-1/8	1-1/4	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	11.5	63.5	28.6	31.8	10.7	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	29/64	2-21/32	1-5/16	1-5/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	11.5	67.5	33.3	33.3	10.7	19.4	63.5	127.0	12.7	4.8
206	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	5/8	3-3/16	1-37/64	1-9/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.7																	
	1-3/16	2.6																	
	1-1/4	2.5																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	15.9	81.0	40.1	39.7	12.3	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	41/64	3-11/16	1-27/32	1-13/16	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	1-3/8	4.3																	
	1-7/16	4.2																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	16.3	93.7	46.8	46.0	12.7	26.2	73.8	147.6	14.3	4.8

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

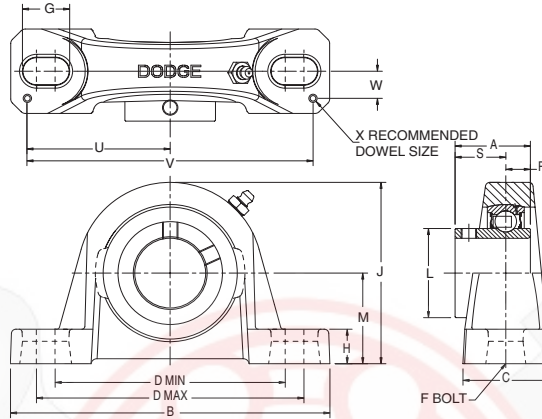
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
208	1-1/2	<b>123869</b>	P2B-SCB-108
	1-5/8	<b>123858</b>	P2B-SCB-110
	40mm	<b>125856</b>	P2B-SCB-40M
209	1-5/8	@	P2B-SCB-110L
	1-11/16	<b>123870</b>	P2B-SCB-111
	1-3/4	<b>123871</b>	P2B-SCB-112
	45mm	<b>051878</b>	P2B-SCB-45M
210	1-15/16	<b>123872</b>	P2B-SCB-115
	2	<b>123873</b>	P2B-SCB-200
	50mm	<b>051879</b>	P2B-SCB-50M
211	2	<b>057603</b>	P2B-SCB-200L
	2-3/16	<b>123874</b>	P2B-SCB-203
	2-1/4	<b>123589</b>	P2B-SCB-204
	55mm	<b>124943</b>	P2B-SCB-55M
212	2-1/4	@	P2B-SCB-204L
	2-7/16	<b>123875</b>	P2B-SCB-207
	60mm	<b>051880</b>	P2B-SCB-60M
215	2-15/16	<b>123727</b>	P2B-SCB-215
	75mm	@	P2B-SCB-75M

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCB NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	3/4	4	2-3/64	1-15/16	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	19.1	101.6	52.0	49.2	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.6	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	11/16	4-7/32	2-7/32	2-1/16	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
	45mm	2.2	43.7	188.9	50.8	139.7	161.9	M12	23.0	17.5	107.2	56.4	52.4	15.1	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/64	11/16	4-15/32	2-7/16	2-3/16	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	2.6	44.5	206.4	57.2	152.4	169.9	M16	25.8	17.5	113.5	61.9	55.6	15.1	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	13/16	4-29/32	2-23/32	2-7/16	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	2-1/4	8.8																	
	55mm	3.3	46.8	225.4	58.7	161.9	188.9	M16	31.0	20.6	124.6	69.1	61.9	15.9	31.0	100.0	200.0	20.6	4.8
212	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	13/16	5-11/32	2-31/32	2-11/16	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	20.6	135.7	75.4	68.3	17.1	33.3	108.0	215.9	22.2	4.8
215	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1-1/16	6-9/16	3-5/8	3-5/16	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M22	36.5	27.0	166.7	92.1	84.1	20.6	37.3	139.3	278.6	26.6	4.8

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7821604051  
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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

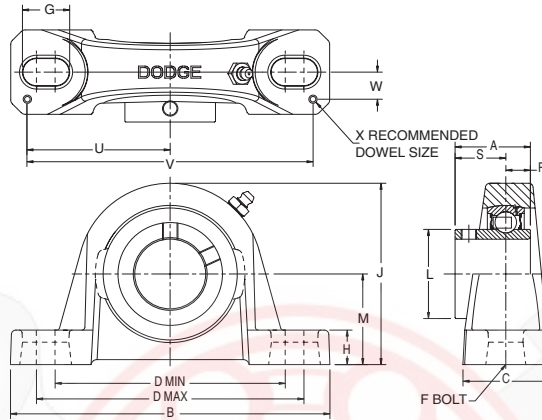
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
203	1/2	<b>123725</b>	P2B-SCAH-008
	5/8	<b>123958</b>	P2B-SCAH-010
	17mm	@	P2B-SCAH-17M
204	1/2	@	P2B-SCBAH-008L
	5/8	@	P2B-SCBAH-010L
	3/4	<b>123959</b>	P2B-SCBAH-012
	20mm	@	P2B-SCBAH-20M
205	7/8	@	P2B-SCBAH-014
	15/16	@	P2B-SCBAH-015
	1	<b>123960</b>	P2B-SCBAH-100
	25mm	@	P2B-SCBAH-25M
206	1-1/16	@	P2B-SCBAH-101
	1-1/8	@	P2B-SCBAH-102
	1-3/16	<b>123961</b>	P2B-SCBAH-103
	1-1/4	<b>123962</b>	P2B-SCBAH-104S
	30mm	@	P2B-SCBAH-30M
207	1-1/4	<b>123963</b>	P2B-SCBAH-104
	1-5/16	@	P2B-SCBAH-105
	1-3/8	@	P2B-SCBAH-106
	1-7/16	<b>123918</b>	P2B-SCBAH-107
	35mm	@	P2B-SCBAH-35M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
203	1/2	1.1	1	5	1-31/64	3-1/4	4-1/16	3/8	27/32	2-9/64	2-9/64	31/32	1-1/16	23/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.4	25.4	127.0	30.6	82.6	103.2	M10	21.4	11.4	54.4	24.6	27.0	9.1	16.3	57.2	114.3	9.5	3.2
204	1/2	1.6	1-5/32	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	29/64	2-1/2	1-1/8	1-1/4	27/64	47/64	2-1/4	4-1/2	1/2	1/8
	5/8	1.5																	
	3/4	1.4																	
	20mm	0.7	29.4	133.4	33.7	85.7	106.4	M10	21.4	11.5	63.5	28.6	31.8	10.7	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/16	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	29/64	2-21/32	1-5/16	1-5/16	27/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
	25mm	0.7	30.2	139.7	35.7	93.7	114.3	M10	21.4	11.5	67.5	33.3	33.3	10.7	19.4	63.5	127.0	12.7	4.8
206	1-1/16	2.8	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	5/8	3-3/16	1-37/64	1-9/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-1/8	2.7																	
	1-3/16	2.6																	
	1-1/4	2.5																	
	30mm	1.1	35.3	158.8	44.1	108.0	127.0	M12	23.8	15.9	81.0	40.1	39.7	12.3	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	41/64	3-11/16	1-27/32	1-13/16	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-5/16	4.4																	
	1-3/8	4.3																	
	35mm	1.5	38.9	165.1	44.1	119.1	138.1	M12	23.8	16.3	93.7	46.8	46.0	12.7	26.2	73.8	147.6	14.3	4.8

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

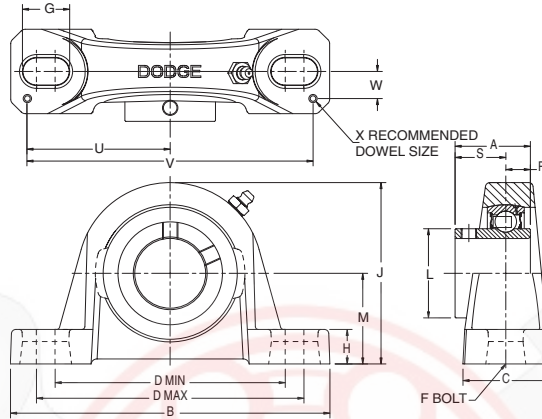
Eccentric Collar Ball Bearing





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
208	1-1/2	<b>123936</b>	P2B-SCBAH-108
	1-5/8	@	P2B-SCBAH-110
	40mm	<b>054727</b>	P2B-SCBAH-40M
209	1-5/8	@	P2B-SCBAH-110L
	1-11/16	<b>123964</b>	P2B-SCBAH-111
	1-3/4	@	P2B-SCBAH-112
	45mm	@	P2B-SCBAH-45M
210	1-15/16	<b>123938</b>	P2B-SCBAH-115
	2	<b>123693</b>	P2B-SCBAH-200
	50mm	@	P2B-SCBAH-50M
211	2	@	P2B-SCBAH-200L
	2/3/16	<b>123965</b>	P2B-SCBAH-203
	2-1/4	@	P2B-SCBAH-204
	55mm	@	P2B-SCBAH-55M
212	2-1/4	@	P2B-SCBAH-204L
	2-7/16	<b>123966</b>	P2B-SCBAH-207
	60mm	@	P2B-SCBAH-60M
215	2-15/16	@	P2B-SCBAH-215
	75mm	@	P2B-SCBAH-75M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCBAH AIR HANDLING NORMAL DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
208	1-1/2	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	3/4	4	2-3/64	1-15/16	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	1-5/8	5.3																	
	40mm	2.2	42.9	184.2	49.2	131.8	149.2	M12	23.0	19.1	101.6	52.0	49.2	15.1	27.8	82.9	165.9	17.5	4.8
209	1-5/8	6.5	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	11/16	4-7/32	2-7/32	2-1/16	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-11/16	6.4																	
	1-3/4	6.2																	
	45mm	2.2	43.7	188.9	50.8	139.7	161.9	M12	23.0	17.5	107.2	56.4	52.4	15.1	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/64	11/16	4-15/32	2-7/16	2-3/16	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	2.6	44.5	206.4	57.2	152.4	169.9	M16	25.8	17.5	113.5	61.9	55.6	15.1	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	13/16	4-29/32	2-23/32	2-7/16	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	2-1/4	8.8																	
	55mm	3.3	4.68	225.4	58.7	161.9	188.9	M16	31.0	20.6	124.6	69.1	61.9	15.9	31.0	100.0	200.0	20.6	4.8
212	2-1/4	10.8	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	13/16	5-11/32	2-31/32	2-11/16	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-7/16	10.2																	
	60mm	4.2	50.4	241.3	60.3	174.6	201.6	M16	31.0	20.6	135.7	75.4	68.3	17.1	33.3	108.0	215.9	22.2	4.8
215	2-15/16	20.5	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1-1/16	6-9/16	3-5/8	3-5/16	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	75mm	7.9	57.9	298.5	73.0	215.9	241.3	M12	36.5	27.0	166.7	92.1	84.1	20.6	37.3	139.3	278.6	26.6	4.8

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## SELECTION/DIMENSIONS

Bearing Quick Reference

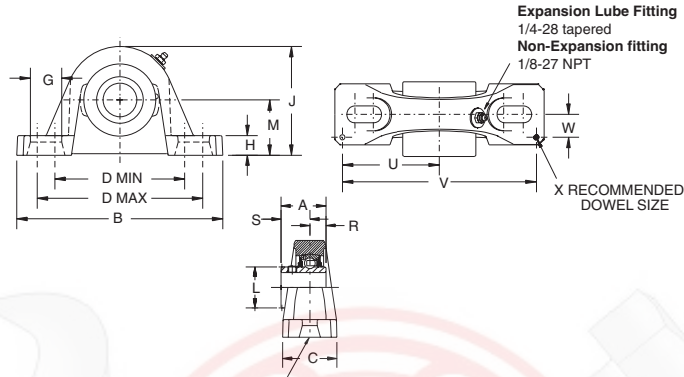
E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY PILLOW BLOCKS



Series	Shaft Size	Expansion		Non-Expansion		Alternative	
		Part No.	Description	Part No.	Description	Part No.	Non-Exp. Description
205	25mm	<b>064637</b>	P2B-SCH-100-E	#	P2B-SCH-100	<b>126147</b>	P2B-SCM-100
		@	P2B-SCH-25M-E	#	P2B-SCH-25M	<b>125925</b>	P2B-SCM-25M
206	1-1/16	<b>049692</b>	P2B-SCMH-100-E	@	P2B-SCMH-100	---	---
	1-1/8	@	P2B-SCH-101-E	@	P2B-SCH-101	---	---
	1-3/16	@	P2B-SCH-102-E	@	P2B-SCH-102	---	---
	1-1/4	<b>126405</b>	P2B-SCH-103-E	<b>126400</b>	P2B-SCH-103	<b>126148</b>	P2B-SCM-103
	25mm	<b>053183</b>	P2B-SCH-104S-E	<b>053184</b>	P2B-SCH-104S	<b>123810</b>	P2B-SC-104
	30mm	<b>053019</b>	P2B-SCHM-25M-E	<b>053018</b>	P2B-SCMH-25M	---	---
207	1-1/4	<b>053021</b>	P2B-SCH-30M-E	<b>053020</b>	P2B-SCH-30M	<b>125296</b>	P2B-SCM-30M
	1-1/4	@	P2B-SCH-104-E	@	P2B-SCH-104	---	---
	1-5/16	@	P2B-SCH-105-E	@	P2B-SCH-105	---	---
	1-3/8	@	P2B-SCH-106-E	@	P2B-SCH-106	---	---
	1-7/16	<b>126406</b>	P2B-SCH-107-E	<b>126401</b>	P2B-SCH-107	<b>126810</b>	P2B-SCM-107
	35mm	@	P2B-SCH-35M-E	@	P2B-SCH-35M	<b>125927</b>	P2B-SCM-35M
209	1-1/2	@	P2B-SCMH-108-E	#	P2B-SCMH-108	---	---
	1-5/8	@	P2B-SCH-110L-E	#	P2B-SCH-110L	---	---
	1-11/16	<b>057414</b>	P2B-SCH-111-E	#	P2B-SCH-111	<b>126812</b>	P2B-SCM-111
	1-3/4	@	P2B-SCH-112-E	#	P2B-SCH-112	<b>126813</b>	P2B-SCM-112
	45mm	<b>056481</b>	P2B-SCH-45M-E	#	P2B-SCH-45M	<b>125929</b>	P2B-SCM-45M
	210	1-11/16	@	P2B-SCMH-111-E	@	P2B-SCMH-111	---
1-3/4		@	P2B-SCMH-112-E	@	P2B-SCMH-112	---	---
1-15/16		<b>126407</b>	P2B-SCH-115-E	<b>126402</b>	P2B-SCH-115	<b>126814</b>	P2B-SCM-115
2		<b>052224</b>	P2B-SCH-200-E	@	P2B-SCH-200	<b>126875</b>	P2B-SCM-200
45mm		<b>053023</b>	P2B-SCMH-45M-E	<b>053022</b>	P2B-SCMH-45M	---	---
50mm		@	P2B-SCH-50M-E	@	P2B-SCH-50M	<b>125930</b>	P2B-SCM-50M
211	1-15/16	<b>052193</b>	P2B-SCMH-115-E	<b>052192</b>	P2B-SCMH-115	---	---
	2	@	P2B-SCMH-200-E	@	P2B-SCMH-200	---	---
	2-3/16	<b>126408</b>	P2B-SCH-203-E	<b>126403</b>	P2B-SCH-203	<b>126816</b>	P2B-SCM-203
	2-1/4	@	P2B-SCH-204-E	@	P2B-SCH-204	<b>126817</b>	P2B-SCM-204
	55mm	<b>053025</b>	P2B-SCH-55M-E	<b>053024</b>	P2B-SCH-55M	<b>125931</b>	P2B-SCM-55M
	212	2-3/16	<b>056879</b>	P2B-SCMH-203-E	<b>056886</b>	P2B-SCMH-203	---
2-1/4		<b>056887</b>	P2B-SCMH-204-E	<b>056883</b>	P2B-SCMH-204	---	---
2-7/16		<b>126409</b>	P2B-SCH-207-E	<b>126404</b>	P2B-SCH-207	<b>126818</b>	P2B-SCM-207
60mm		@	P2B-SCH-60M-E	@	P2B-SCH-60M	---	---

@Assembled to order

# Made to order. Minimum quantity may be required.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs kgs	A	B	C	D		F Bolt	G	H	J
						Min.	Max.				
205	1	3.0	1-3/16	6-1/4	1-3/4	4-1/4	5	3/8	15/16	3/4	3-15/16
	25mm	1.3	30.2	158.6	44.5	108.0	127.0	M10	23.8	19.1	100.0
206	1	5.0	1-25/64	6-9/16	1-7/8	4-11/16	5-5/16	1/2	7/8	11/16	3-13/16
	1-1/16	4.8									
	1-1/8	4.7									
	1-3/16	4.6									
	1-1/4	4.5									
207	25mm	2.0	35.3	166.7	47.6	119.1	134.9	M12	22.2	17.5	96.8
	30mm	1.9									
	1-1/4	6.7	1-17/32	7-1/4	2-1/8	5-1/4	5-7/8	1/2	7/8	11/16	3-15/16
	1-5/16	6.6									
	1-3/8	6.5									
209	1-7/16	6.4									
	35mm	2.7	38.9	184.2	54.0	133.4	149.2	M12	22.2	17.5	100.0
	1-1/2	6.6	1-23/32	8-1/8	2-3/8	6	6-1/2	5/8	15/16	3/4	4-9/16
	1-5/8	6.4									
	1-11/16	6.3									
210	1-3/4	6.2	43.7	206.4	60.3	152.4	165.1	M12	23.8	19.1	115.9
	45mm	2.6									
	1-11/16	10.0	1-3/4	8-5/8	2-3/8	6-3/8	7-1/4	5/8	1-1/8	13/16	5-1/16
	1-3/4	9.9									
	1-15/16	9.8									
211	2	9.7									
	45mm	4.2	44.5	219.1	60.3	161.9	184.2	M16	28.6	20.6	128.6
	50mm	4.0									
	1-15/16	14.7	1-27/32	9-1/2	2-3/4	6-7/8	7-7/8	5/8	1-3/16	1	5-5/8
	2	14.5									
212	2-3/16	14.3									
	2-1/4	14.2	46.8	241.3	69.9	174.6	200.0	M18	30.2	25.4	142.9
	55mm	5.9									
	2-3/16	17.3	2-9/32	11-1/4	2-7/8	7-1/2	8-7/8	3/4	1-1/2	1-1/16	6-1/4
	2-1/4	17.1									
212	2-7/16	16.6									
	60mm	6.8	57.9	285.8	73.0	190.5	225.4	M16	38.1	27.0	158.8

Series	Shaft Size	L	M	R	S	T	U	V	W	X
205	1	1-5/16	1-11/16	27/64	49/64	5/32	1-7/16	2-7/8	9/16	3/16
	25mm	33.3	42.9	10.7	19.4	4.0	36.5	73.0	14.3	4.8
206	1	1-37/64	1-7/8	31/64	29/32	3/16	2-29/32	5-13/16	9/16	3/16
	1-1/16									
	1-1/8									
	1-3/16									
	1-1/4									
207	25mm	40.1	47.6	12.3	23.0	4.8	73.8	147.6	14.3	4.8
	30mm									
	1-1/4	1-27/32	2-1/8	1/2	1-1/32	3/16	3-17/64	6-17/32	11/16	3/16
	1-5/16									
	1-3/8									
209	1-7/16	46.8	54.0	12.7	26.2	4.8	82.9	165.9	17.5	4.8
	35mm									
	1-1/2	2-7/32	2-1/4	19/32	1-1/8	1/4	3-11/16	7-3/8	13/16	3/16
	1-5/8									
	1-11/16									
210	1-3/4	56.4	57.2	15.1	28.6	6.4	93.7	187.3	20.6	4.8
	45mm									
	1-11/16	2-7/16	2-1/2	19/32	1-5/32	1/4	3-15/16	7-7/8	13/16	3/16
	1-3/4									
	1-15/16									
211	2	61.9	63.5	15.1	29.4	6.4	100.0	200.0	20.6	4.8
	45mm									
	1-15/16	2-23/32	2-3/4	5/8	1-7/32	1/4	4-1/4	8-1/2	7/8	3/16
	2									
	2-3/16									
212	2-1/4	69.1	69.9	15.9	31.0	6.4	108.0	215.9	22.2	4.8
	55mm									
	2-3/16	2-31/32	3	43/64	1-5/16	1/4	4-7/8	9-3/4	15/16	3/16
	2-1/4									
	2-7/16									
212	60mm	75.4	76.2	17.1	33.3	6.4	123.8	247.7	23.8	4.8

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B3-27

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

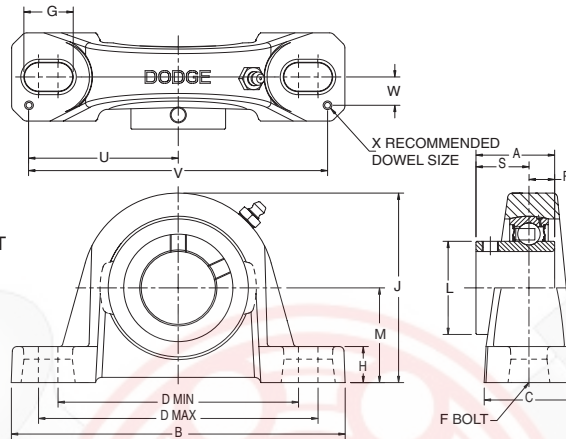
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
206	1 25mm	126147	P2B-SCM-100	058624	P2B-SCM-100-NL	@	P2B-SCM-100-FF
		125925	P2B-SCM-25M	@	P2B-SCM-25M-NL	@	P2B-SCM-25M-FF
207	1-3/16 1-1/4 30mm	126148	P2B-SCM-103	052275	P2B-SCM-103-NL	@	P2B-SCM-103-FF
		123810	P2B-SC-104	123933	P2B-SC-104-NL	123097	P2B-SC-104-FF
		125926	P2B-SCM-30M	@	P2B-SCM-30M-NL	@	P2B-SCM-30M-FF
208	1-7/16 35mm	126810	P2B-SCM-107	126855	P2B-SCM-107-NL	057275	P2B-SCM-107-FF
		125937	P2B-SCM-35M	@	P2B-SCM-35M-NL	@	P2B-SCM-35M-FF
209	1-1/2 1-5/8 40mm	126811	P2B-SCM-108	058400	P2B-SCM-108-NL	050808	P2B-SCM-108-FF
		125169	P2B-SC-110L	@	P2B-SC-110L-NL	@	P2B-SC-110L-FF
		125928	P2B-SCM-40M	@	P2B-SCM-40M-NL	@	P2B-SCM-40M-FF
210	1-11/16 1-3/4 45mm	126812	P2B-SCM-111	@	P2B-SCM-111-NL	@	P2B-SCM-111-FF
		126813	P2B-SCM-112	@	P2B-SCM-112-NL	051981	P2B-SCM-112-FF
		125929	P2B-SCM-45M	@	P2B-SC-M45M-NL	@	P2B-SCM-45M-FF
211	1-15/16 2 50mm	126814	P2B-SCM-115	126856	P2B-SCM-115-NL	126802	P2B-SCM-115-FF
		126815	P2B-SCM-200	126547	P2B-SCM-200-NL	054561	P2B-SCM-200-FF
		125930	P2B-SCM-50M	@	P2B-SCM-50M-NL	@	P2B-SCM-50M-FF
212	2-3/16 2-1/4 55mm	126816	P2B-SCM-203	052005	P2B-SCM-203-NL	126858	P2B-SCM-203-FF
		126817	P2B-SCM-204	@	P2B-SCM-204-NL	@	P2B-SCM-204-FF
		125931	P2B-SCM-55M	@	P2B-SCM-55M-NL	@	P2B-SCM-55M-FF
214	2-7/16 2-1/2 65mm	126818	P2B-SCM-207	126857	P2B-SCM-207-NL	126859	P2B-SCM-207-FF
		126819	P2B-SCM-208	@	P2B-SCM-208-NL	@	P2B-SCM-208-FF
		125932	P2B-SCM-65M	@	P2B-SCM-65M-NL	052816	P2B-SCM-65M-FF
215	2-11/16 70mm	126820	P2B-SCM-211	126533	P2B-SCM-211-NL	@	P2B-SCM-211-FF
		125933	P2B-SCM-70M	@	P2B-SC-70M-NL	@	P2B-SCM-70M-FF
216	2-15/16 3 75mm	126821	P2B-SCM-215	126534	P2B-SCM-215-NL	050185	P2B-SCM-215-FF
		126822	P2B-SCM-300	126535	P2B-SCM-300-NL	054459	P2B-SCM-300-FF
		125934	P2B-SCM-75M	@	P2B-SCM-75M-NL	054435	P2B-SCM-75M-FF
218	3-7/16 3-1/2 85mm	126823	P2B-SCM-307	@	P2B-SCM-307-NL	126792	P2B-SCM-307-FF
		126824	P2B-SCM-308	@	P2B-SCM-308-NL	@	P2B-SCM-308-FF
		125935	PWB-SCM-85M	@	PWB-SCM-85M-NL	@	PWB-SCM-85M-FF

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
206	1	3.0	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	25mm	1.3	35.3	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	12.3	23.0	73.0	146.1	14.3	4.8
207	1-3/16	4.6	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-1/4 30mm	4.2 2.0	38.9	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	12.7	26.2	73.8	147.6	14.3	4.8
208	1-7/16	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	35mm	2.3	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-1/2	6.4	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-5/8 40mm	6.3 2.7	43.7	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	15.1	28.6	85.7	171.5	17.5	4.8
210	1-11/16	7.4	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	1-3/4 45mm	7.3 3.2	44.5	206.4	57.2	152.4	169.9	M16	22.0	19.1	115.1	61.9	57.2	15.1	29.4	93.7	187.3	20.6	4.8
211	1-15/16	9.2	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2 50mm	9.0 3.9	46.8	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	15.9	31.0	100.0	200.0	20.6	4.8
212	2-3/16	11.0	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-1/4 55mm	10.8 4.7	50.4	241.3	60.3	174.6	201.6	M16	31.0	22.2	137.3	75.4	69.9	17.1	33.3	108.0	215.9	22.2	4.8
214	2-7/16	15.7	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
	2-1/2 65mm	15.5 6.7	56.8	273.1	68.3	190.5	215.9	M18	33.3	23.8	154.8	84.1	76.2	20.2	36.5	123.8	247.7	23.8	4.8
215	2-11/16	21.0	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	70mm	9.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
216	2-15/16	21.3	2-11/32	11-3/4	3	8-1/2	9-1/2	7/8	1-7/16	1-1/4	6-31/32	3-53/64	3-1/2	27/32	1-1/2	5-1/2	11	1-3/32	3/16
	3 75mm	21.1 9.0	59.5	298.5	76.2	215.9	241.3	M22	36.5	31.8	177.0	97.2	88.9	21.4	38.1	139.7	279.4	27.8	4.8
218	3-7/16	31.8	2-31/64	14	3-3/8	10-5/16	11-5/8	7/8	1-19/32	1-5/16	8	4-23/64	4	59/64	1-9/16	6-9/16	13-1/8	1-3/16	3/16
	3-1/2 85mm	31.3 13.6	63.1	355.6	85.7	261.9	295.3	M22	40.5	33.3	203.2	110.7	101.6	23.4	39.7	166.7	333.4	30.2	4.8

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B3-29

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

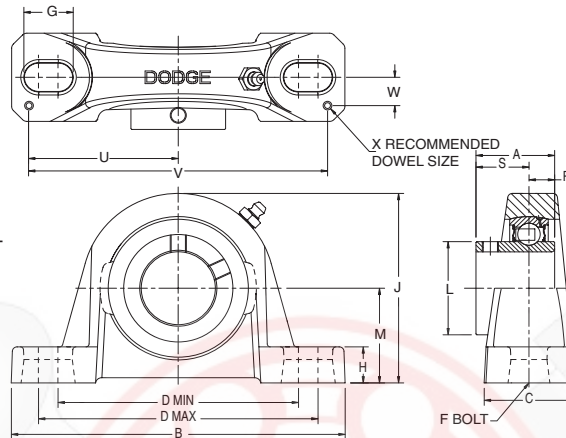
Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCMAH AIR HANDLING MEDIUM DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT

Series	Shaft Size	Part No.	Description
206	1	<b>126110</b>	P2B-SCMAH-100
	25mm	@	P2B-SCMAH-25M
207	1-3/16	<b>126112</b>	P2B-SCMAH-103
	1-1/4	<b>123907</b>	P2B-SCAH-104
	30mm	<b>064756</b>	P2B-SCMAH-30M
208	1-7/16	<b>126835</b>	P2B-SCMAH-107
	35mm	<b>062304</b>	P2B-SCMAH-35M
209	1-1/2	<b>126836</b>	P2B-SCMAH-108
	1-5/8	@	P2B-SCAH-110L
	40mm	<b>064136</b>	P2B-SCMAH-40M
210	1-11/16	<b>126837</b>	P2B-SCMAH-111
	1-3/4	<b>126838</b>	P2B-SCMAH-112
	45mm	<b>062321</b>	P2B-SCMAH-45M
211	1-15/16	<b>126839</b>	P2B-SCMAH-115
	2	<b>126847</b>	P2B-SCMAH-200
212	50mm	<b>056811</b>	P2B-SCMAH-50M
	2-3/16	<b>126840</b>	P2B-SCMAH-203
	2-1/4	@	P2B-SCMAH-204
214	55mm	<b>049816</b>	P2B-SCMAH-55M
	2-7/16	<b>126841</b>	P2B-SCMAH-207
	2-1/2	@	P2B-SCMAH-208
215	65mm	@	P2B-SCMAH-65M
	2-11/16	<b>126842</b>	P2B-SCMAH-211
	70mm	<b>049818</b>	P2B-SCMAH-70M
216	2-15/16	<b>126843</b>	P2B-SCMAH-215
	3	@	P2B-SCMAH-300
	75mm	<b>053719</b>	P2B-SCM-75M
218	3-7/16	<b>126844</b>	P2B-SCMAH-307
	3-1/2	@	P2B-SCMAH-308
	85mm	@	P2B-SCMAH-85M

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCMAH AIR HANDLING MEDIUM DUTY PILLOW BLOCKS

Series	Shaft Size	Weight lbs kgs.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						min.	max.												
206	1	3.0	1-25/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	31/64	29/32	2-7/8	5-3/4	9/16	3/16
	25mm	1.3	35.3	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	12.3	23.0	73.0	146.1	14.3	4.8
207	1-3/16	4.6	1-17/32	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	1/2	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-1/4	4.2																	
208	1-7/16	5.4	1-11/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	19/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	35mm	2.3	42.9	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	15.1	27.8	82.9	165.9	17.5	4.8
209	1-1/2	6.4	1-23/32	7-7/16	2	5-1/2	6-3/8	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	19/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-5/8	6.3																	
210	1-11/16	7.4	1-3/4	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	19/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	1-3/4	7.3																	
211	1-15/16	9.2	1-27/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	5/8	1-7/32	3-15/16	7-7/8	13/16	3/16
	2	9.0																	
212	2-3/16	11.0	1-63/64	9-1/2	2-3/8	6-7/8	7-15/16	5/8	1-7/32	7/8	5-13/32	2-31/32	2-3/4	43/64	1-5/16	4-1/4	8-1/2	7/8	3/16
	2-1/4	10.8																	
214	2-7/16	15.7	2-15/64	10-3/4	2-11/16	7-1/2	8-1/2	3/4	1-5/16	15/16	6-3/32	3-5/16	3	51/64	1-7/16	4-7/8	9-3/4	15/16	3/16
	2-1/2	15.5																	
215	2-11/16	21.0	2-9/32	11-3/4	2-7/8	8-1/2	9-1/2	7/8	1-7/16	1	6-3/4	3-5/8	3-1/2	13/16	1-15/32	5-31/64	10-31/32	1-3/64	3/16
	70mm	9.0	57.9	298.5	73.0	215.9	241.3	M22	36.5	25.4	171.5	92.1	88.9	20.6	37.3	139.3	278.6	26.6	4.8
216	2-15/16	21.3	2-11/32	11-3/4	3	8-1/2	9-1/2	7/8	1-7/16	1-1/4	6-31/32	3-53/64	3-1/2	27/32	1-1/2	5-1/2	11	1-3/32	3/16
	3	21.1																	
218	3-7/16	31.8	2-31/64	14	3-3/8	10-5/16	11-5/8	7/8	1-19/32	1-5/16	8	4-23/64	4	59/64	1-9/16	6-9/16	13-1/8	1-3/16	3/16
	3-1/2	31.3																	
	85mm	13.6	63.1	355.6	85.7	261.9	295.3	M22	40.5	33.3	203.2	110.7	101.6	23.4	39.7	166.7	333.4	30.2	4.8

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

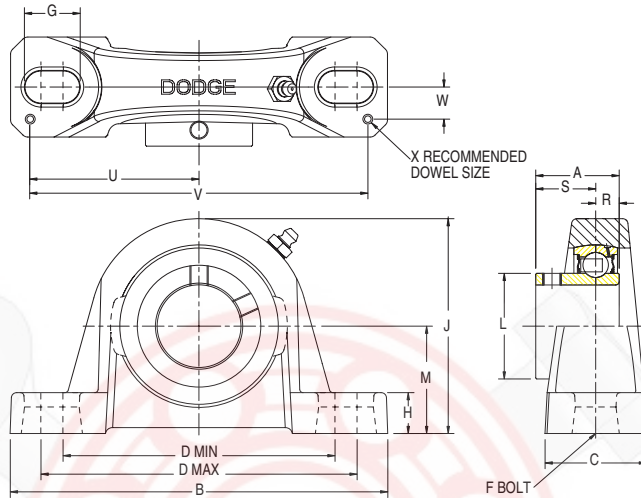
Eccentric Collar Ball Bearing





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203	1/2	<b>125500</b>	P2B-VSC-008	<b>049887</b>	P2B-VSC-008-NL
	5/8	<b>125501</b>	P2B-VSC-010	@	P2B-VSC-010-NL
	17mm	@	P2B-VSC-17M	@	P2B-VSC-17M-NL
203 (VSCU)	1/2	<b>125513</b>	P2B-VSCU-008	@	P2B-VSCU-008-NL
	5/8	<b>125514</b>	P2B-VSCU-010	@	P2B-VSCU-010-NL
	17mm	<b>125685</b>	P2B-VSCU-17M	@	P2B-VSCU-17M-NL
204	3/4	<b>123580</b>	P2B-VSC-012	<b>054495</b>	P2B-VSC-012-NL
	20mm	<b>125686</b>	P2B-VSC-20M	@	P2B-VSC-20M-NL
205	7/8	<b>125502</b>	P2B-VSC-014	@	P2B-VSC-014-NL
	15/16	<b>125503</b>	P2B-VSC-015	@	P2B-VSC-015-NL
	1	<b>123581</b>	P2B-VSC-100	<b>123590</b>	P2B-VSC-100-NL
	25mm	<b>125687</b>	P2B-VSC-25M	@	P2B-VSC-25M-NL
206	1-1/8	<b>125504</b>	P2B-VSC-102	@	P2B-VSC-102-NL
	1-3/16	<b>123582</b>	P2B-VSC-103	<b>064691</b>	P2B-VSC-103-NL
	1-1/4	<b>123589</b>	P2B-VSC-104S	@	P2B-VSC-104S-NL
206 (VSCU)	30mm	<b>125751</b>	P2B-VSC-30M	@	P2B-VSC-30M-NL
	1-1/8	<b>125515</b>	P2B-VSCU-102	@	P2B-VSCU-102-NL
	1-3/16	<b>123604</b>	P2B-VSCU-103	<b>050854</b>	P2B-VSCU-103-NL
	1-1/4	<b>123606</b>	P2B-VSCU-104S	@	P2B-VSCU-104S-NL
30mm	<b>125688</b>	P2B-VSCU-30M	@	P2B-VSCU-30M-NL	

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203	1/2	1.1	15/16	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-9/64	31/32	1-1/16	19/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.5	23.8	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	7.5	16.3	57.2	114.3	9.5	3.2
203 (VSCU)	1/2	1.2	15/16	5	1-13/64	3-1/4	4-1/16	3/8	27/32	19/32	2-17/64	31/32	1-3/16	19/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.1																	
	17mm	0.6	23.8	127.0	30.6	82.6	103.2	M10	21.4	15.1	57.5	24.6	30.2	7.5	16.3	57.2	114.3	9.5	3.2
204	3/4	1.4	1-1/16	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	17/32	2-9/16	1-7/64	1-5/16	21/64	47/64	2-1/4	4-1/2	1/2	1/8
	20mm	0.6	27.0	133.4	33.7	85.7	106.4	M10	21.4	13.5	65.1	28.2	33.3	8.3	18.7	57.2	114.3	12.7	3.2
205	7/8	1.8	1-3/32	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	37/64	2-25/32	1-21/64	1-7/16	21/64	49/64	2-1/2	5	1/2	3/16
	15/16	1.7																	
	1	1.6																	
205	25mm	0.8	27.8	139.7	35.7	93.7	114.3	M10	21.4	14.7	70.6	33.7	36.5	8.3	19.4	63.5	127.0	12.7	4.8
	1-1/8	2.7	1-19/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	11/16	3-1/4	1-37/64	1-5/8	25/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-3/16	2.6																	
206	1-1/4	2.5																	
	30mm	1.2	32.9	158.8	44.1	108.0	127.0	M12	23.8	17.5	82.6	40.1	41.3	9.9	23.0	73.0	146.1	14.3	4.8
206 (VSCU)	1-1/8	2.8	1-19/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	3/4	3-5/16	1-37/64	1-11/16	25/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-3/16	2.7																	
	1-1/4	2.6																	
206 (VSCU)	30mm	1.3	32.9	158.8	44.1	108.0	127.0	M12	23.8	19.1	84.1	40.1	42.9	9.9	23.0	73.0	146.1	14.3	4.8

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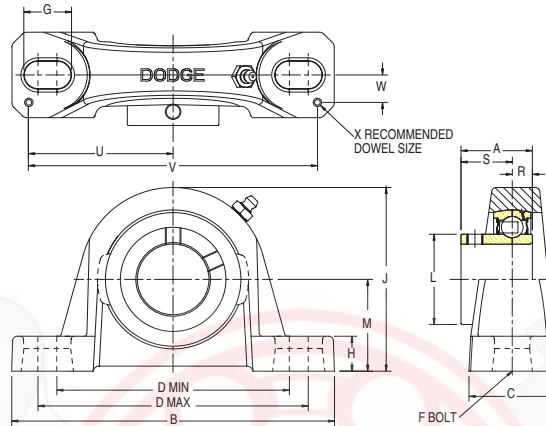
B3-33





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
207	1-1/4	<b>123583</b>	P2B-VSC-104	<b>051889</b>	P2B-VSC-104-NL
	1-3/8	<b>125505</b>	P2B-VSC-106	@	P2B-VSC-106-NL
	1-7/16	<b>123584</b>	P2B-VSC-107	<b>050838</b>	P2B-VSC-107-NL
	35mm	<b>125689</b>	P2B-VSC-35M	@	P2B-VSC-35M-NL
208	1-1/2	<b>123585</b>	P2B-VSC-108	<b>051890</b>	P2B-VSC-108-NL
	40mm	@	P2B-VSC-40M	@	P2B-VSC-40M-NL
209	1-11/16	<b>125506</b>	P2B-VSC-111	@	P2B-VSC-111-NL
	1-3/4	<b>124933</b>	P2B-VSC-112	@	P2B-VSC-112-NL
	45mm	<b>125691</b>	P2B-VSC-45M	@	P2B-VSC-45M-NL
210	1-15/16	<b>123586</b>	P2B-VSC-115	<b>053662</b>	P2B-VSC-115-NL
	2	<b>123587</b>	P2B-VSC-200	@	P2B-VSC-200-NL
	50mm	<b>125692</b>	P2B-VSC-50M	@	P2B-VSC-50M-NL
211	2	<b>123593</b>	P2B-VSC-200L	<b>049784</b>	P2B-VSC-200L-NL
	2-3/16	<b>123588</b>	P2B-VSC-203	@	P2B-VSC-203-NL
	55mm	<b>125693</b>	P2B-VSC-55M	@	P2B-VSC-55M-NL

@Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### VSC AND VSCU INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
207	1-1/4	4.5	1-7/16	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	45/64	3-3/4	1-27/32	1-7/8	13/32	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-3/8	4.3																	
	1-7/16	4.2																	
	35mm	2.0	36.5	165.1	44.1	119.1	138.1	M12	23.8	17.9	95.3	46.8	47.6	10.3	26.2	73.8	147.6	14.3	4.8
208	1-1/2	5.4	1-9/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	15/16	4-3/16	2-3/64	2-1/8	15/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	40mm	2.5	39.7	184.2	49.2	131.8	149.2	M12	23.0	23.8	106.4	52.0	54.0	11.9	27.8	82.9	165.9	17.5	4.8
209	1-11/16	6.4	1-19/32	7-7/16	2	5-1/2	6-3/16	1/2	29/32	3/4	4-9/32	2-7/32	2-1/8	15/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	1-3/4	6.2																	
	45mm	3.0	40.5	188.9	50.8	139.7	161.9	M12	23.0	19.1	108.7	56.4	54.0	11.9	28.6	85.7	171.5	17.5	4.8
210	1-15/16	7.2	1-5/8	8-1/8	2-1/4	6	6-11/16	5/8	1-1/16	3/4	4-17/32	2-7/16	2-1/4	15/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	2	7.0																	
	50mm	3.3	41.3	206.4	57.2	152.4	169.9	M16	27.0	19.1	115.1	61.9	57.2	11.9	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-23/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	7/8	4-31/32	2-23/32	2-1/2	1/2	1-7/32	3-15/16	7-7/8	13/16	3/16
	2-3/16	8.9																	
	55mm	4.2	43.7	225.4	58.7	161.9	188.9	M16	31.0	22.2	126.2	69.1	63.5	12.7	31.0	100.0	200.0	20.6	4.8

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## SELECTION/DIMENSIONS

Bearing Quick Reference

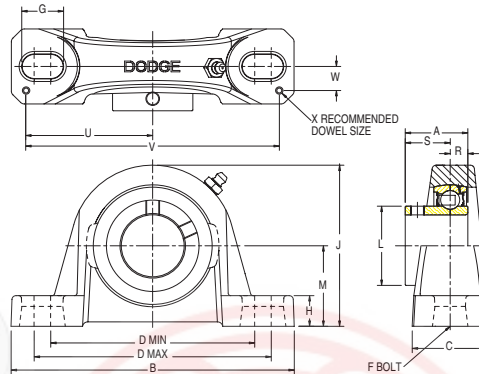
E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings VSCB INTERMEDIATE DUTY PILLOW BLOCKS



#### Lube Fitting

203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT

Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203 (VSC)	1/2	<b>125500</b>	P2B-VSC-008	@	P2B-VSC-008-NL
	5/8	<b>125501</b>	P2B-VSC-010	@	P2B-VSC-010-NL
	17mm	@	P2B-VSC-17M	@	P2B-VSC-17M-NL
204	3/4	<b>123595</b>	P2B-VSCB-012	<b>050833</b>	P2B-VSCB-012-NL
	20mm	@	P2B-VSCB-20M	@	P2B-VSCB-20M-NL
205	7/8	<b>125508</b>	P2B-VSCB-014	@	P2B-VSCB-014-NL
	15/16	<b>125509</b>	P2B-VSCB-015	@	P2B-VSCB-015-NL
	1 25mm	<b>123596</b>	P2B-VSCB-100 P2B-VSCB-25M	<b>050828</b> @	P2B-VSCB-100-NL P2B-VSCB-25M-NL
206	1-1/8	<b>125510</b>	P2B-VSCB-102	@	P2B-VSCB-102-NL
	1-3/16	<b>123597</b>	P2B-VSCB-103	<b>050829</b>	P2B-VSCB-103-NL
	1-1/4 30mm	<b>123605</b>	P2B-VSCB-104S P2B-VSCB-30M	@ @	P2B-VSCB-104S-NL 2B-VSCB-30M-NL
207	1-1/4	<b>123598</b>	P2B-VSCB-104	@	P2B-VSCB-104-NL
	1-3/8	<b>125511</b>	P2B-VSCB-106	@	P2B-VSCB-106-NL
	1-7/16 35mm	<b>123599</b>	P2B-VSCB-107 P2B-VSCB-35M	<b>050830</b> @	P2B-VSCB-107-NL P2B-VSCB-35M-NL
208	1-1/2	<b>123600</b>	P2B-VSCB-108	@	P2B-VSCB-108-NL
	40mm	<b>125690</b>	P2B-VSCB-40M	@	P2B-VSCB-40M-NL
209	1-11/16	<b>125512</b>	P2B-VSCB-111	<b>050848</b>	P2B-VSCB-111-NL
	1-3/4	<b>125507</b>	P2B-VSCB-112	@	P2B-VSCB-112-NL
	45mm	@	P2B-VSCB-45M	@	P2B-VSCB-45M-NL
210	1-15/16	<b>123601</b>	P2B-VSCB-115	@	P2B-VSCB-115-NL
	2	<b>123602</b>	P2B-VSCB-200	@	P2B-VSCB-200-NL
	50mm	@	P2B-VSCB-50M	@	P2B-VSCB-50M-NL
211	2	<b>123607</b>	P2B-VSCB-200L	@	P2B-VSCB-200L-NL
	2-3/16	<b>123603</b>	P2B-VSCB-203	<b>050831</b>	P2B-VSCB-203-NL
	55mm	@	P2B-VSCB-55M	@	P2B-VSCB-55M-NL

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSCB INTERMEDIATE DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	C	D		F Bolt Dia.	G	H	J	L	M	R	S	U	V	W	X
						Min.	Max.												
203 (VSC)	1/2	1.1	15/16	5	1-13/64	3-1/4	4-1/16	3/8	27/32	15/32	2-17/64	31/32	1-1/16	19/64	41/64	2-1/4	4-1/2	3/8	1/8
	5/8	1.0																	
	17mm	0.5	23.8	127.0	30.6	82.6	103.2	M10	21.4	11.9	54.4	24.6	27.0	7.5	16.3	57.2	114.3	9.5	3.2
204	3/4	1.4	1-1/16	5-1/4	1-21/64	3-3/8	4-3/16	3/8	27/32	29/64	2-1/2	1-1/8	1-1/4	21/64	47/64	2-1/4	4-1/2	1/2	1/8
	20mm	0.6	27.0	133.4	33.7	85.7	106.4	M10	21.4	11.5	63.5	28.6	31.8	8.3	18.7	57.2	114.3	12.7	3.2
	7/8	1.8	1-3/32	5-1/2	1-13/32	3-11/16	4-1/2	3/8	27/32	29/64	2-21/32	1-5/16	1-5/16	21/64	49/64	2-1/2	5	1/2	3/16
205	15/16	1.7																	
	1	1.6																	
	25mm	0.8	27.8	139.7	35.7	93.7	114.3	M10	21.4	11.5	67.5	33.3	33.3	8.3	19.4	63.5	127.0	12.7	4.8
206	1-1/8	2.7	1-19/64	6-1/4	1-47/64	4-1/4	5	1/2	15/16	5/8	3-3/16	1-37/64	1-9/16	25/64	29/32	2-7/8	5-3/4	9/16	3/16
	1-3/16	2.6																	
	30mm	1.2	32.9	158.8	44.1	108.0	127.0	M12	23.8	15.9	81.0	40.1	39.87	9.9	23.0	73.0	146.1	14.3	4.8
207	1-1/4	4.5	1-7/16	6-1/2	1-47/64	4-11/16	5-7/16	1/2	15/16	41/64	3-11/16	1-27/32	1-13/16	13/32	1-1/32	2-29/32	5-13/16	9/16	3/16
	1-3/8	4.3																	
	35mm	2.0	36.5	165.1	44.1	119.1	138.1	M12	23.8	16.3	93.7	46.8	46.0	10.3	26.2	73.8	147.6	14.3	4.8
208	1-1/2	5.4	1-9/16	7-1/4	1-15/16	5-3/16	5-7/8	1/2	29/32	3/4	4	2-3/64	1-15/16	15/32	1-3/32	3-17/64	6-17/32	11/16	3/16
	40mm	2.5	39.7	184.2	49.2	131.8	149.2	M12	23.0	19.1	101.6	52.0	49.2	11.9	27.8	82.9	165.9	17.5	4.8
209	1-11/16	6.4	1-19/32	7-7/16	2	5-1/2	6-3/16	1/2	29/32	11/16	4-7/32	2-7/32	2-1/16	15/32	1-1/8	3-3/8	6-3/4	11/16	3/16
	45mm	3.0	40.5	188.9	50.8	139.7	161.9	M12	23.0	17.5	107.2	56.4	52.4	11.9	28.6	85.7	187.5	17.5	4.8
210	1-15/16	7.2	1-5/8	8-1/8	2-1/4	6	6-11/16	5/8	1-1/64	11/16	4-15/32	2-7/16	2-3/16	15/32	1-5/32	3-11/16	7-3/8	13/16	3/16
	50mm	3.3	41.3	206.4	57.2	152.4	169.9	M16	25.8	17.5	113.5	61.9	55.6	11.9	29.4	93.7	187.3	20.6	4.8
211	2	9.0	1-23/32	8-7/8	2-5/16	6-3/8	7-7/16	5/8	1-7/32	13/16	4-29/32	2-23/32	2-7/16	1/2	1-7/32	3-15/16	7-7/8	13/16	3/16
	55mm	4.2	43.7	225.4	58.7	161.9	188.9	M16	31.0	20.6	124.6	69.1	61.9	12.7	31.0	100.0	200.0	20.6	4.8

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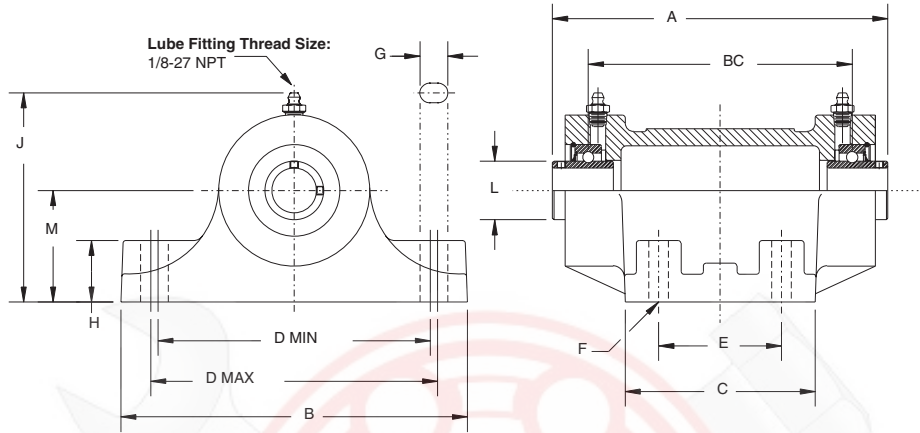
B3-37





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER PILLOW BLOCKS



Series	Shaft Size	Part No.	Description
205	15/16	<b>134131</b>	F&B-CC-015
	1	<b>134132</b>	F&B-CC-100
206	1-1/8	<b>134134</b>	F&B-CC-102
	1-3/16	<b>134135</b>	F&B-CC-103
207	1-1/4	<b>134136</b>	F&B-CC-104
	1-3/8	<b>134138</b>	F&B-CC-106
	1-7/16	<b>134139</b>	F&B-CC-107
209	1-11/16	<b>134140</b>	F&B-CC-111
	1-3/4	<b>134141</b>	F&B-CC-112
210	1-15/16	<b>134142</b>	F&B-CC-115
211	2-3/16	<b>134144</b>	F&B-CC-203



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### CC BALL BEARING FAN AND BLOWER PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs.	A	B	C	D		E	F Bolt Dia.	G	H	J	L	M	Bearing Centers BC
						Min.	Max.								
205	15/16	16.1	7-1/2	7-3/4	4-1/4	6-1/16	6-7/16	2-3/4	3/8	5/8	1-1/4	4-5/8	1-5/16	2-1/2	5-29/32
	1	16.0													
206	1-1/8	16.3	7-25/32	7-3/4	4-1/4	6-1/16	6-7/16	2-3/4	3/8	5/8	1-1/4	4-5/8	1-19/32	2-1/2	5-61/64
	1-3/16	16.2													
207	1-1/4	36.6	10-39/64	10	5-1/2	7-3/4	8-1/4	3-1/2	1/2	7/8	1-9/16	5-9/16	1-27/32	3	8-15/32
	1-3/8	36.2													
	1-7/16	36.0													
209	1-11/16	35.0	10-21/32	10	5-1/2	7-3/4	8-1/4	3-1/2	1/2	7/8	1-9/16	5-9/16	2-9/32	3	8-5/16
	1-3/4	34.8													
210	1-15/16	60.0	13-25/32	12	7	9-1/8	9-7/8	4-1/2	5/8	1-1/8	1-3/4	6-7/16	2-15/32	3-1/2	11-3/8
211	2-3/16	56.0	14-5/32	12	7	9-1/8	9-7/8	4-1/2	5/8	1-1/8	1-3/4	6-7/16	2-3/4	3-1/2	11-3/8

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Bearing Quick Reference

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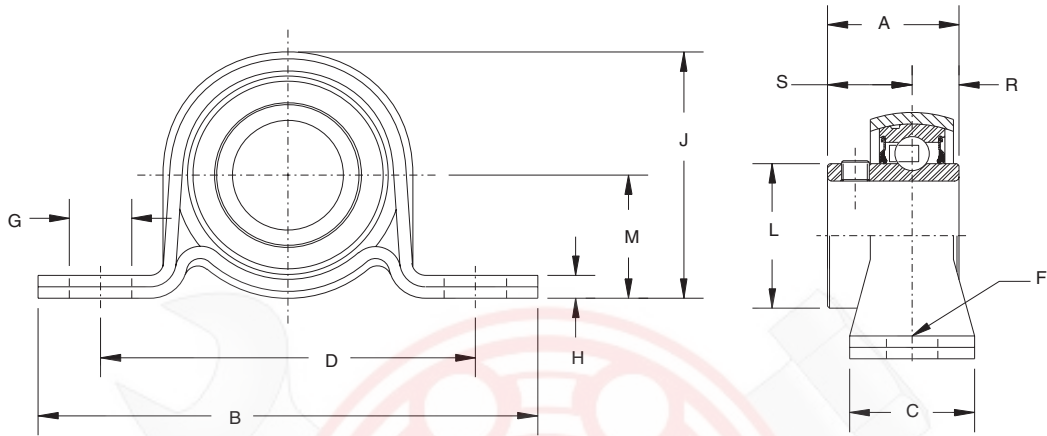
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY PILLOW BLOCKS



Series	Shaft Size	Part No.	Description
203	1/2	<b>059637</b>	P2B-SL-008
	5/8	<b>128197</b>	P2B-SL-010
	17mm	@	P2BSL-17M
204	3/4	<b>128106</b>	P2B-SL-012
	20mm	@	P2B-SL-20M
205	7/8	<b>128170</b>	P2B-SL-014
	15/16	<b>128171</b>	P2B-SL-015
	1	<b>128107</b>	P2B-SL-100
	25mm	@	P2B-SL-25M
206	1-1/8	<b>128172</b>	P2B-SL-102
	1-3/16	<b>128108</b>	P2B-SL-103
	1-1/4	<b>128111</b>	P2B-SL-104S
	30mm	@	P2B-SL-30M
207	1-1/4	<b>128109</b>	P2B-SL-104
	1-3/8	<b>128173</b>	P2B-SL-106
	1-7/16	<b>128110</b>	P2B-SL-107
	35mm	@	P2B-SL-35M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY PILLOW BLOCKS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lb. ks.	A	B	C	D	F Bolt Dia	G	H	J	L	M	R	S	Housing Radial Load Rating (lbs)
203	1/2	0.51	15/16	3-5/8	1	2-11/16	1/4	11/32	0.133	1-11/16	31/32	27/32	19/64	41/64	250
	5/8	0.49													
	17mm	0.2	23.8	92.1	25.4	68.3	M6	8.7	3.4	42.9	24.6	21.4	7.5	16.3	1,112
204	3/4	0.61	1-1/16	4-1/8	1	3	3/8	1/2	0.178	2-1/16	1-1/8	1	21/64	47/64	350
	20mm	0.3	27.0	104.8	25.4	76.2	M10	12.7	4.5	52.4	28.6	25.4	8.3	18.7	1,556
205	7/8	0.79	1-3/32	4-1/2	1-1/8	3-3/8	3/8	9/16	0.208	2-7/32	1-21/64	1-1/8	21/64	49/64	400
	15/16	0.76													
	1	0.73													
206	25mm	0.4	27.8	114.3	28.6	85.7	M10	14.3	5.3	56.4	33.7	28.6	8.3	19.4	1,779
	1-1/8	1.14	1-19/64	4-7/8	1-1/8	3-3/4	3/8	9/16	0.238	2-5/8	1-37/64	1-5/16	25/64	29/32	600
	1-3/16	1.12													
207	1-1/4	1.10													
	30mm	0.5	32.9	123.8	28.6	95.3	M10	14.3	6.0	66.7	40.1	33.3	9.9	23.0	2,668
	1-1/4	1.54	1-7/16	5-3/4	1-1/4	4-1/4	1/2	3/4	0.238	3-1/8	1-27/32	1-9/16	13/32	1-1/32	800
207	1-3/8	1.50													
	1-7/16	1.48													
	35mm	0.7	36.5	146.1	31.8	108.0	M12	19.1	6.0	79.4	46.8	39.7	10.3	26.2	3,557

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Bearing Quick Reference

E-Z KLEEN

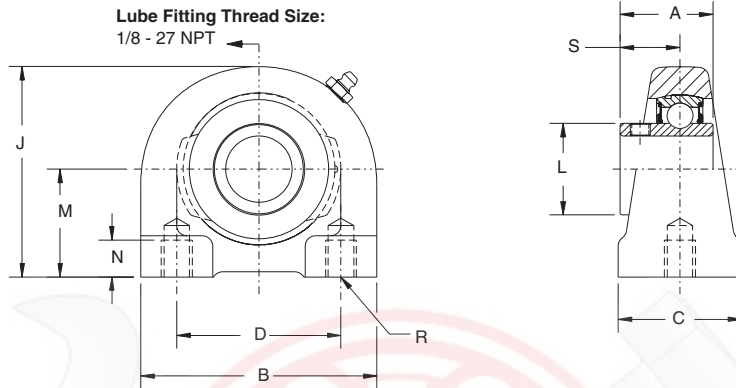
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY TAPPED BASE PILLOW BLOCKS



Series	Shaft Size	Part No.	Description
204	1/2	<b>124460</b>	TB-SC-008
	5/8	<b>124461</b>	TB-SC-010
	3/4	<b>124462</b>	TB-SC-012
	20mm	<b>130354</b>	<i>TB-SC-20M</i>
205	7/8	<b>124463</b>	TB-SC-014
	15/16	<b>124464</b>	TB-SC-015
	1	<b>124465</b>	TB-SC-100
206	25mm	<b>130355</b>	<i>TB-SC-25M</i>
	1-1/16	<b>124466</b>	TB-SC-101
	1-1/8	<b>124467</b>	TB-SC-102
	1-3/16	<b>124468</b>	TB-SC-103
	1-1/4	<b>124469</b>	TB-SC-104S
207	30mm	<b>130356</b>	<i>TB-SC-30M</i>
	1-1/4	<b>124470</b>	TB-SC-104
	1-5/16	<b>124471</b>	TB-SC-105
	1-3/8	<b>124472</b>	TB-SC-106
	1-7/16	<b>124473</b>	TB-SC-107
	35mm	<b>130357</b>	<i>TB-SC-35M</i>
208	1-1/2	<b>124479</b>	TB-SC-108
	1-5/8	<b>128998</b>	TB-SC-110
	40mm	<b>130358</b>	<i>TB-SC-40M</i>
209	1-5/8	<b>049859</b>	TB-SC-110L
	1-11/16	<b>054548</b>	TB-SC-111
	1-3/4	<b>054781</b>	TB-SC-112
	45mm	<b>130359</b>	<i>TB-SC-45M</i>
210	1-15/16	<b>124478</b>	TB-SC-115
	2	<b>052472</b>	TB-SC-200
	50mm	<b>130360</b>	<i>TB-SC-50M</i>
211	2	<b>124480</b>	TB-SC-200L
	2-3/16	<b>050386</b>	TB-SC-203
	2-1/4	<b>054436</b>	TB-SC-204
	55mm	<b>130361</b>	<i>TB-SC-55M</i>

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY TAPPED BASE PILLOW BLOCKS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	J	L	M	N	R	S
204	1/2	1.56	1-5/32	2-7/8	1-1/2	2	2-9/16	1-1/8	1-5/16	1/2	3/8- 16	47/64
	5/8	1.53										
	3/4	1.50										
	20mm	0.06	29.4	73.0	38.1	50.8	65.1	28.6	33.3	12.7	M8x1.25	18.7
205	7/8	1.93	1-3/16	3	1-1/2	2.0	2-13/16	1-21/64	1-7/16	1/2	3/8- 16	49/64
	15/16	1.90										
	1	1.87										
	25mm	0.07	30.2	76.2	38.1	50.8	71.4	33.7	36.5	12.7	M10x1.5	19.4
206	1-1/16	2.66	1-25/64	4	1-1/2	3.0	3-3/8	1-37/64	1-11/16	5/8	7/16 - 14	29/32
	1-1/8	2.62										
	1-3/16	2.59										
	1-1/4	2.56										
	30mm	0.10	35.3	101.6	38.1	76.2	85.7	40.1	42.9	15.9	M10x1.5	23.0
207	1-1/4	3.41	1-17/32	4-1/4	1-7/8	3-1/4	3-3/4	1-27/32	1-7/8	3/4	1/2 - 13	1-1/32
	1-5/16	3.36										
	1-3/8	3.34										
	1-7/16	3.25										
35mm	0.13	38.9	108.0	47.6	82.6	95.3	46.8	47.6	19.1	M10x1.5	26.2	
208	1-1/2	4.10	1-11/16	4-5/8	1-7/8	3-1/2	3-15/16	2-3/64	1-15/16	3/4	1/2-13	1-3/32
	1-5/8	4.00										
	40mm	0.16	42.9	117.5	47.6	88.9	100.0	52.0	49.2	19.1	M12x1.75	27.8
209	1-5/8	5.20	1-23/32	5	2	3-3/4	4-1/4	2-7/32	2-1/8	3/4	1/2-13	1-1/8
	1-11/16	5.00										
	1-3/4	4.90										
	45mm	0.20	43.7	127.0	50.8	95.3	108.0	56.4	54.0	19.1	M12x1.75	28.6
210	1-15/16	5.40	1-3/4	5-1/2	2	4	4-5/8	2-7/16	2-1/4	7/8	5/8-11	1-5/32
	2	5.20										
	50mm	0.21	44.5	139.7	50.8	101.6	117.5	61.9	57.2	22.2	M16x2	29.4
211	2	6.70	1-27/32	5-1/2	2	4	4-5/8	2-23/32	2-1/4	7/8	5/8 - 11	1-7/32
	2-3/16	6.50										
	2-1/4	6.30										
	55mm	0.25	46.8	139.7	50.8	101.6	117.5	69.1	57.2	22.2	M16x2	31.0

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

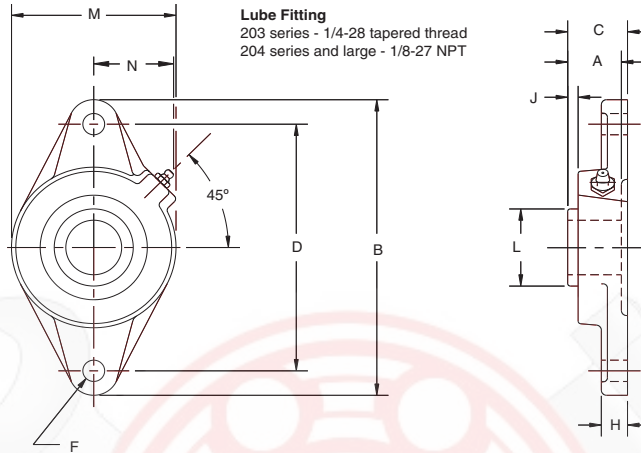
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	<b>124198</b>	F2B-SC-008	@	F2B-SC-008-NL	@	F2B-SC-008-FF
	5/8	<b>124199</b>	F2B-SC-010	<b>124256</b>	F2B-SC-010-NL	@	F2B-SC-010-FF
	17mm	<b>125875</b>	F2B-SC-17M	@	F2B-SC-17M-NL	@	F2B-SC-17M-FF
204	1/2	<b>124166</b>	F2B-SC-008L	<b>052220</b>	F2B-SC-008L-NL	@	F2B-SC-008L-FF
	5/8	<b>124167</b>	F2B-SC-010L	<b>124176</b>	F2B-SC-010L-NL	@	F2B-SC-010L-FF
	3/4	<b>124170</b>	F2B-SC-012	<b>124175</b>	F2B-SC-012-NL	<b>057279</b>	F2B-SC-012-FF
	20mm	<b>125876</b>	F2B-SC-20M	<b>050119</b>	F2B-SC-20M-NL	@	F2B-SC-20M-FF
205	7/8	<b>124171</b>	F2B-SC-014	<b>126516</b>	F2B-SC-014-NL	<b>052542</b>	F2B-SC-014-FF
	15/16	<b>124172</b>	F2B-SC-015	@	F2B-SC-015-NL	<b>054731</b>	F2B-SC-015-FF
	1	<b>124173</b>	F2B-SC-100	<b>124174</b>	F2B-SC-100-NL	<b>124391</b>	F2B-SC-100-FF
	25mm	<b>125877</b>	F2B-SC-25M	<b>124785</b>	F2B-SC-25M-NL	@	F2B-SC-25M-FF
206	1-1/16	<b>124410</b>	F2B-SC-101	@	F2B-SC-101-NL	@	F2B-SC-101-FF
	1-1/8	<b>124274</b>	F2B-SC-102	@	F2B-SC-102-NL	<b>050554</b>	F2B-SC-102-FF
	1-3/16	<b>124275</b>	F2B-SC-103	<b>124614</b>	F2B-SC-103-NL	@	F2B-SC-103-FF
	1-1/4	<b>123172</b>	F2B-SC-104S	@	F2B-SC-104S-NL	<b>051968</b>	F2B-SC-104S-FF
	30mm	<b>125878</b>	F2B-SC-30M	<b>126102</b>	F2B-SC-30M-NL	@	F2B-SC-30M-FF
207	1-1/4	<b>124276</b>	F2B-SC-104	<b>126518</b>	F2B-SC-104-NL	<b>052664</b>	F2B-SC-104-FF
	1-5/16	<b>124411</b>	F2B-SC-105	@	F2B-SC-105-NL	@	F2B-SC-105-FF
	1-3/8	<b>124277</b>	F2B-SC-106	<b>126519</b>	F2B-SC-106-NL	@	F2B-SC-106-FF
	1-7/16	<b>124278</b>	F2B-SC-107	<b>124618</b>	F2B-SC-107-NL	<b>124456</b>	F2B-SC-107-FF
	35mm	<b>125879</b>	F2B-SC-35M	@	F2B-SC-35M-NL	@	F2B-SC-35M-FF

@Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	M	N
203	1/2	0.8	1	3-7/8	1-3/16	3	3/8	3/8	11/32	31/32	2-1/8	1-1/8
	5/8	0.7										
	17mm	0.3	25.4	98.4	30.2	76.2	M10	9.5	8.7	24.6	54.0	28.6
204	1/2	1.6	1-5/32	4-13/32	1-3/8	3-17/32	3/8	1/2	25/64	1-1/8	2-3/8	1-1/2
	5/8	1.5										
	3/4	1.4										
	20mm	0.5	29.4	111.9	34.6	89.7	M10	12.7	9.6	28.6	60.3	38.1
205	7/8	1.6	1-3/16	4-7/8	1-11/32	3-57/64	7/16	1/2	25/64	1-21/64	2-3/4	1-7/16
	15/16	1.5										
	1	1.4										
	25mm	0.6	30.2	123.8	34.1	98.8	M10	12.7	9.9	33.7	69.9	36.5
206	1-1/16	2.3	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	1-1/8	2.2										
	1-3/16	2.1										
	1-1/4	2.0										
	30mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-1/4	3.5	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-5/16	3.4										
	1-3/8	3.2										
	1-7/16	3.1										
	35mm	1.5	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

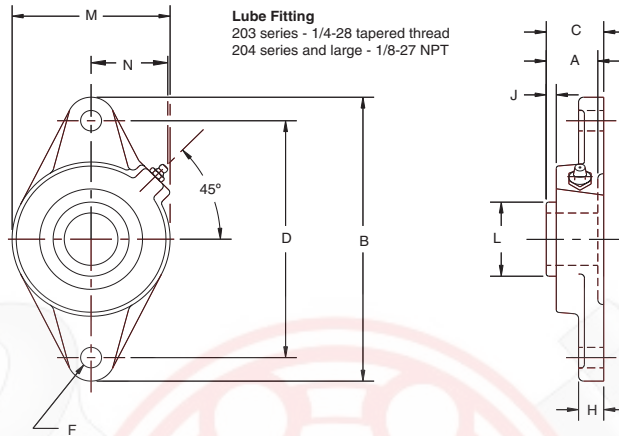
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	<b>124268</b>	F2B-SC-108	<b>052011</b>	F2B-SC-108-NL	<b>124457</b>	F2B-SC-108-FF
	1-5/8	<b>124412</b>	F2B-SC-110	@	F2B-SC-110-NL	@	F2B-SC-110-FF
	40mm	<b>125880</b>	F2B-SC-40M	<b>126042</b>	F2B-SC-40M-NL	@	F2B-SC-40M-FF
209	1-5/8	<b>125171</b>	F2B-SC-110L	@	F2B-SC-110L-NL	@	F2B-SC-110L-FF
	1-11/16	<b>124279</b>	F2B-SC-111	@	F2B-SC-111-NL	<b>057849</b>	F2B-SC-111-FF
	1-3/4	<b>124413</b>	F2B-SC-112	<b>126521</b>	F2B-SC-112-NL	<b>124455</b>	F2B-SC-112-FF
	1-13/16	<b>124280</b>	F2B-SC-113	@	F2B-SC-113-NL	@	F2B-SC-113-FF
	45mm	<b>125881</b>	F3B-SC-45M	@	F2B-SC-45M-NL	@	F2B-SC-45M-FF
210	1-15/16	<b>124269</b>	F2B-SC-115	<b>126522</b>	F2B-SC-115-NL	@	F2B-SC-115-FF
	2	<b>124270</b>	F2B-SC-200	<b>126523</b>	F2B-SC-200-NL	<b>124542</b>	F2B-SC-200-FF
	50mm	<b>125882</b>	F2B-SC-50M	@	F2B-SC-50M-NL	@	F2B-SC-50M-FF
211	2	<b>126293</b>	F2B-SCM-200	@	F2B-SCM-200-NL	<b>058986</b>	F2B-SCM-200-FF
	2-3/16	<b>124034</b>	F2B-SC-203	@	F2B-SC-203-NL	@	F2B-SC-203-FF
	2-1/4	<b>124373</b>	F2B-SC-204	@	F2B-SC-204-NL	@	F2B-SC-204-FF
	55mm	<b>124942</b>	F2B-SC-55M	@	F2B-SC-55M-NL	@	F2B-SC-55M-FF
212	2-1/4	@	F2B-SCM-204	@	F2B-SCM-204-NL	@	F2B-SCM-204-FF
	2-7/16	<b>053175</b>	F2B-SC-207	<b>049437</b>	F2B-SC-207-NL	@	F2B-SC-207-FF
	60mm	@	F2B-SC-60M	@	F2B-SC-60M-NL	@	F2B-SC-60M-FF

@Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	M	N
208	1-1/2	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	1-5/8	4.0										
	40mm	1.8	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-5/8	5.2	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-11/16	5.0										
	1-3/4	4.9										
	1-13/16	4.7										
	45mm	2.2	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-15/16	5.4	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	2	5.2										
	50mm	2.5	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	2	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2-3/16	6.5										
	2-1/4	6.3										
	55mm	3.0	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-1/4	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-7/16	7.0										
	60mm	3.4	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

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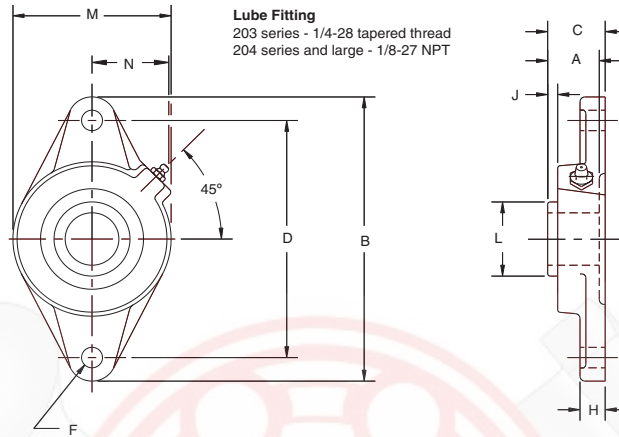






## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
203	1/2	@	F2B-SCAH-008
	5/8	<b>049742</b>	F2B-SCAH-010
	17mm	<b>056902</b>	F2B-SCAH-17M
204	1/2	@	F2B-SCAH-008L
	5/8	@	F2B-SCAH-010L
	3/4	<b>123730</b>	F2B-SCAH-012
	20mm	@	F2B-SCAH-20M
205	7/8	@	F2B-SCAH-014
	15/16	<b>124244</b>	F2B-SCAH-015
	1	<b>123731</b>	F2B-SCAH-100
	25mm	@	F2B-SCAH-25M
206	1-1/16	@	F2B-SCAH-101
	1-1/8	@	F2B-SCAH-102
	1-3/16	<b>123732</b>	F2B-SCAH-103
	1-1/4	<b>123184</b>	F2B-SCAH-104S
	30mm	@	F2B-SCAH-30M
207	1-1/4	<b>123733</b>	F2B-SCAH-104
	1-5/16	@	F2B-SCAH-105
	1-3/8	@	F2B-SCAH-106
	1-7/16	<b>123734</b>	F2B-SCAH-107
	35mm	@	F2B-SCAH-35M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	M	N
203	1/2	0.8	1	3-7/8	1-3/16	3	3/8	3/8	11/32	31/32	2-1/8	1-1/8
	5/8	0.7										
	17mm	0.3	25.4	98.4	30.2	76.2	M10	9.5	8.7	24.6	54.0	28.6
204	1/2	1.6	1-5/32	4-13/32	1-3/8	3-17/32	3/8	1/2	25/64	1-1/8	2-3/8	1-1/2
	5/8	1.5										
	3/4	1.4										
	20mm	0.5	29.4	111.9	34.6	89.7	M10	12.7	9.6	28.6	60.3	38.1
205	7/8	1.6	1-3/16	4-7/8	1-11/32	3-57/64	7/16	1/2	25/64	1-21/64	2-3/4	1-7/16
	15/16	1.5										
	1	1.4										
206	25mm	0.6	30.2	123.8	34.1	98.8	M10	12.7	9.9	33.7	69.9	36.5
	1-1/16	2.3	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	1-1/8	2.2										
	1-3/16	2.1										
207	1-1/4	3.5	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-5/16	3.4										
	1-3/8	3.2										
	1-7/16	3.1										
	35mm	1.5	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

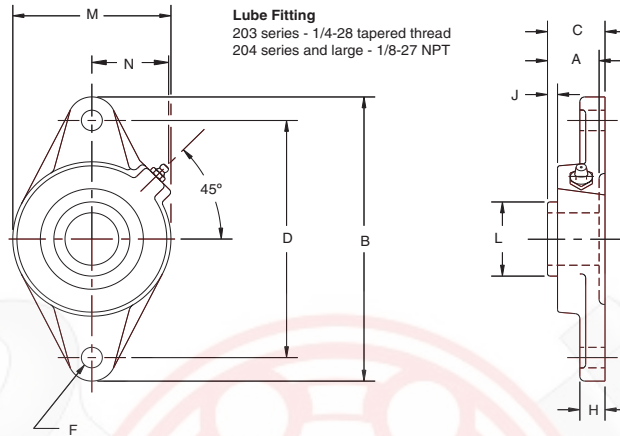
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
208	1-1/2	<b>123735</b>	F2B-SCAH-108
	1-5/8	@	F2B-SCAH-110
	40mm	@	F2B-SCAH-40M
209	1-5/8	@	F2B-SCAH-110L
	1-11/16	<b>123736</b>	F2B-SCAH-111
	1-3/4	<b>123737</b>	F2B-SCAH-112
	45mm	@	F2B-SCAH-45M
210	1-15/16	<b>123738</b>	F2B-SCAH-115
	2	@	F2B-SCAH-200
	50mm	@	F2B-SCAH-50M
211	2	@	F2B-SCMAH-200
	2/3/16	<b>124794</b>	F2B-SCAH-203
	2-1/4	@	F2B-SCAH-204
	55mm	@	F2B-SCAH-55M
212	2-1/4	@	F2B-SCMAH-204
	2-7/16	<b>057707</b>	F2B-SCAH-207
	60mm	@	F2B-SCAH-60M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	M	N
208	1-1/2	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	1-5/8	4.0										
	40mm	1.8	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-5/8	5.2	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-11/16	5.0										
	1-3/4	4.9										
	45mm	2.2	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-15/16	5.4	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	2	5.2										
	50mm	2.5	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	2	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2 3/16	6.4										
	2-1/4	6.3										
	55mm	3.0	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-1/4	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-7/16	7.0										
	60mm	3.4	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

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## SELECTION/DIMENSIONS

Bearing Quick Reference

E-Z KLEEN

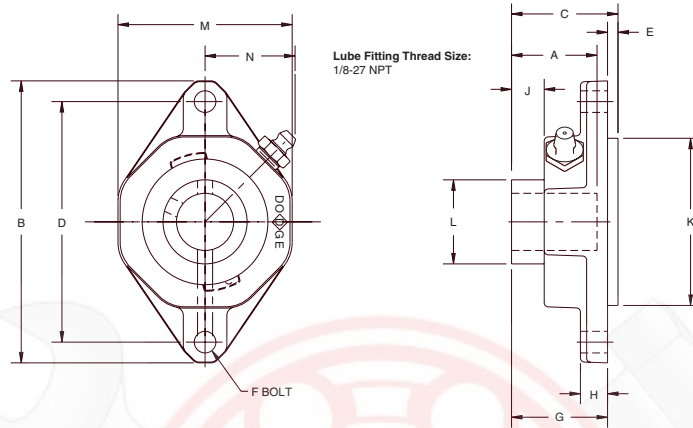
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings

### SC NORMAL DUTY 2-BOLT PILOTED FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
204	1/2	@	F2BZ-SC-008
	5/8	<b>064775</b>	F2BZ-SC-010
	3/4	<b>062648</b>	F2BZ-SC-012
	20mm	<b>130367</b>	F2BZ-SC-20M
205	7/8	@	F2BZ-SC-014
	15/16	@	F2BZ-SC-015
	1	<b>056929</b>	F2BZ-SC-100
	25mm	<b>130368</b>	F2BZ-SC-25M
206	1-1/8	<b>049926</b>	F2BZ-SC-102
	1-3/16	<b>064480</b>	F2BZ-SC-103
	1-1/4	@	F2BZ-SC-104S
	30mm	<b>130369</b>	F2BZ-SC-30M
207	1-1/4	<b>064089</b>	F2BZ-SC-104
	1-3/8	@	F2BZ-SC-106
	1-7/16	@	F2BZ-SC-107
	35mm	<b>130370</b>	F2BZ-SC-35M
208	1-1/2	<b>062686</b>	F2BZ-SC-108
	1-5/8	@	F2BZ-SC-110
	40mm	<b>130371</b>	F2BZ-SC-40M
209	1-5/8	@	F2BZ-SC-110L
	1-11/16	@	F2BZ-SC-111
	1-3/4	@	F2BZ-SC-112
210	45mm	<b>130372</b>	F2BZ-SC-45M
	1-15/16	<b>056845</b>	F2BZ-SC-115
	2	@	F2BZ-SC-200
	50mm	<b>130373</b>	F2BZ-SC-50M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 2-BOLT PILOTED FLANGE BEARINGS

Series	Shaft Size	Weight lbs kg	A	B	C	D	E	F Bolt Dia	G	H	J	K	L	M	N
204	1/2	1.2	1-5/32	4-27/64	1-31/64	3-17/32	0.138	3/8	1-11/32	29/64	21/64	2.1654	1-1/8	2-3/8	1-3/8
	5/8	1.2													
	3/4	1.1													
	20mm	0.3	29.4	112.3	37.6	89.7	3.5	M10	34.1	11.5	8.3	55	28.6	60.3	34.9
205	7/8	1.4	1-3/16	4-7/8	1-33/64	3-57/64	0.138	7/16	1-1/4	29/64	23/64	2.3622	1-21/64	2-3/4	1-9/16
	15/16	1.4													
	1	1.4													
	25mm	0.6	30.2	123.8	38.3	98.8	3.5	M10	34.8	11.5	9.1	60	33.7	69.9	39.7
206	1-1/8	1.8	1-25/64	5-9/16	1-49/64	4-19/32	0.118	7/16	1-21/32	1/2	25/64	3.1496	1-37/64	3-1/4	1-3/4
	1-3/16	1.8													
	1-1/4	1.8													
	30mm	0.8	35.3	141.3	44.8	116.7	3.0	M10	41.8	12.7	9.9	80	40.1	82.6	44.5
207	1-1/4	2.7	1-17/32	6-1/8	1-55/64	5-1/8	0.158	1/2	1-45/64	31/64	17/32	3.5433	1-27/32	3-3/4	1-57/64
	1-3/8	2.6													
	1-7/16	2.6													
	35mm	1.2	38.9	155.6	47.2	130.2	4.0	M12	43.2	12.3	13.5	90	46.8	95.3	48.0
208	1-1/2	3.9	1-11/16	6-3/4	2-3/64	5-21/32	0.158	1/2	1-57/64	1/2	1/2	3.9370	2-3/64	4-1/8	1-7/8
	1-5/8	3.8													
	40mm	1.7	42.9	171.5	51.8	143.7	4.0	M12	48.0	12.7	12.7	100	52.0	104.8	47.6
209	1-5/8	4.2	1-23/32	7-1/16	2-5/64	5-27/32	0.158	9/16	1-59/64	31/64	17/32	4.1339	2-7/32	4-3/8	1-31/32
	1-11/16	4.1													
	1-3/4	4.1													
	45mm	2.5	43.7	179.4	52.86	148.4	4.0	M12	48.8	12.3	13.5	105	56.4	111.1	50.0
210	1-15/16	3.6	1-3/4	7-7/16	2-17/64	6-3/16	0.158	9/16	2-7/64	5/8	1/2	4.1339	2-7/16	4-9/16	2-1/32
	2	4.4													
	50mm	2.6	44.5	188.9	57.4	157.2	4.0	M16	53.4	15.9	12.7	105	61.9	115.9	51.6

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

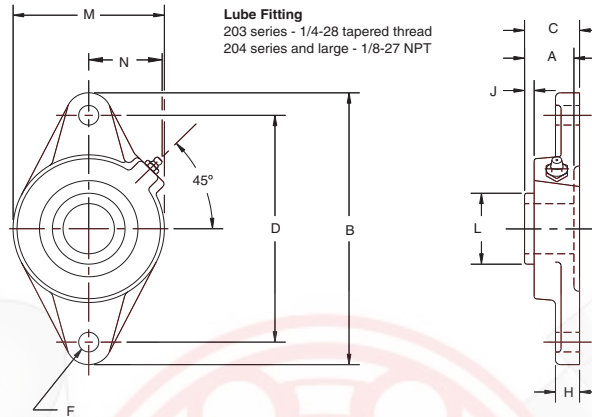
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		Sealed for Life		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
206	1 25mm	<b>126284</b>	F2B-SCM-100	@	F2B-SCM-100-NL	<b>052616</b>	F2B-SCM-100-FF
		<b>125954</b>	F2B-SCM-25M	@	F2B-SCM-25M-NL	@	F2B-SCM-25M-FF
207	1-3/16 1-1/4 30mm	<b>126285</b>	F2B-SCM-103	@	F2B-SCM-103-NL	@	F2B-SCM-103-FF
		<b>124276</b>	F2B-SC-104	<b>126518</b>	F2B-SC-104-NL	<b>052664</b>	F2B-SC-104-FF
208	1-7/16 35mm	<b>125955</b>	F2B-SCM-30M	@	F2B-SCM-30M-NL	@	F2B-SCM-30M-FF
		<b>126287</b>	F2B-SCM-107	@	F2B-SCM-107-NL	<b>056645</b>	F2B-SCM-107-FF
209	1-1/2 1-5/8 40mm	<b>125956</b>	F2B-SCM-35M	@	F2B-SCM-35M-NL	@	F2B-SCM-35M-FF
		<b>126288</b>	F2B-SCM-108	<b>126536</b>	F2B-SCM-108-NL	@	F2B-SCM-108-FF
210	1-11/16 1-3/4 45mm	<b>125171</b>	F2B-SC-110L	@	F2B-SC-110L-NL	@	F2B-SC-110L-FF
		<b>125957</b>	F2B-SCM-40M	@	F2B-SCM-40M-NL	@	F2B-SCM-40M-FF
211	1-11/16 2 50mm	<b>126289</b>	F2B-SCM-111	@	F2B-SCM-111-NL	@	F2B-SCM-111-FF
		<b>126290</b>	F2B-SCM-112	@	F2B-SCM-112-NL	@	F2B-SCM-112-FF
212	2-3/16 2-1/4 55mm	<b>125958</b>	F2B-SCM-45M	@	F2B-SCM-45M-NL	@	F2B-SCM-45M-FF
		<b>126292</b>	F2B-SCM-115	@	F2B-SCM-115-NL	@	F2B-SCM-115-FF
212	2-3/16 2-1/4 55mm	<b>126293</b>	F2B-SCM-200	@	F2B-SCM-200-NL	<b>058986</b>	F2B-SCM-200-FF
		<b>125960</b>	F2B-SCM-50M	@	F2B-SCM-50M-NL	@	F2B-SCM-50M-FF
212	2-3/16 2-1/4 55mm	@	F2B-SCM-203	@	F2B-SCM-203-NL	@	F2B-SCM-203-FF
		@	F2B-SCM-204	@	F2B-SCM-204-NL	@	F2B-SCM-204-FF
		@	F2B-SCM-55M	@	F2B-SCM-55M-NL	@	F2B-SCM-55M-FF

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	M	N
206	1	2.4	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	25mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-3/16	3.6	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-1/4	3.5										
	30mm	1.6	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8
208	1-7/16	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	35mm	1.9	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-1/2	5.3	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-5/8	5.2										
	40mm	2.3	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-11/16	5.8	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	1-3/4	5.6										
	45mm	2.6	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	1-15/16	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2	6.5										
	50mm	2.9	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-3/16	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-1/4	7.2										
	55mm	3.2	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

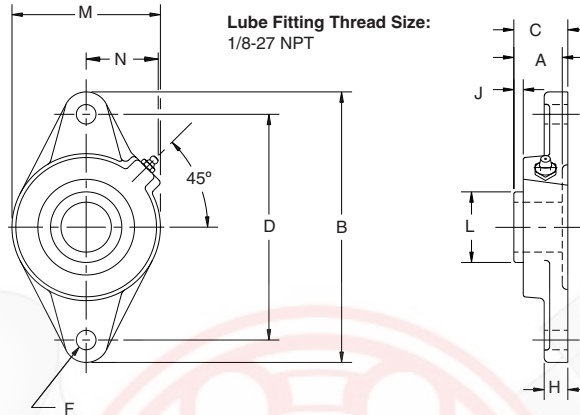




## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCMAH MEDIUM DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Standard Description
206	1 25mm	<b>050498</b> @	F2B-SCMAH-100 F2B-SCMAH-25M
207	1-3/16 1-1/4 30mm	<b>050146</b> <b>123733</b> @	F2B-SCMAH-103 F2B-SCAH-104 F2B-SCMAH-30M
208	1-7/16 35mm	<b>123755</b> @	F2B-SCMAH-107 F2B-SCMAH-35M
209	1-1/2 1-5/8 40mm	@ @ @	F2B-SCMAH-108 F2B-SCAH-110L F2B-SCMAH-40M
210	1-11/16 1-3/4 45mm	<b>123757</b> <b>123758</b> @	F2B-SCMAH-111 F2B-SCMAH-112 F2B-SCMAH-45M
211	1-15/16 2 50mm	<b>064198</b> @ @	F2B-SCMAH-115 F2B-SCMAH-200 F2B-SCMAH-50M
212	2-3/16 2-1/4 55mm	@ @ @	F2B-SCMAH-203 F2B-SCMAH-204 F2B-SCMAH-55M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCMAH MEDIUM DUTY AIR HANDLING 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs kg	A	B	C	D	F Bolt Dia.	H	J	L	M	N
206	1	2.4	1-25/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	25mm	1.0	35.3	141.3	38.8	116.7	M12	12.7	11.6	40.1	79.4	39.7
207	1-3/16	3.6	1-17/32	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-1/4 30mm	3.5 1.6	38.9	155.6	44.5	130.2	M12	14.3	13.4	46.8	95.3	46.8
208	1-7/16	4.1	1-11/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	35mm	1.9	42.9	171.5	47.5	143.7	M12	14.3	13.4	52.0	104.8	46.4
209	1-1/2	5.3	1-23/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-5/8 40mm	5.2 2.3	43.7	179.4	49.2	148.4	M14	15.9	13.4	56.4	111.1	48.4
210	1-11/16	5.8	1-3/4	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	1-3/4 45mm	5.6 2.6	44.5	188.9	50.7	157.2	M16	15.9	13.4	61.9	115.9	51.6
211	1-15/16	6.7	1-27/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2 50mm	6.5 2.9	46.8	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5
212	2-3/16	7.4	1-63/64	9-13/16	2-9/32	7-61/64	7/8	13/16	9/16	2-31/32	5-1/2	2-15/32
	2-1/4 55mm	7.2 3.2	50.4	249.2	57.9	202.0	M22	20.6	14.3	75.4	139.7	62.7

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

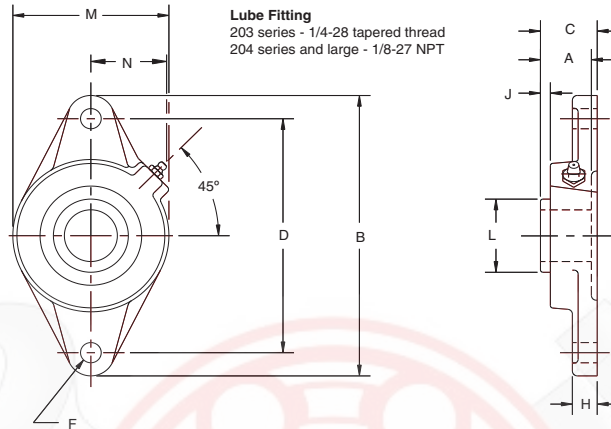
Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

#### VSC INTERMEDIATE DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203	1/2	<b>125516</b>	F2B-VSC-008	@	F2B-VSC-008-NL
	5/8	<b>125517</b>	F2B-VSC-010	@	F2B-VSC-010-NL
	17mm	<b>125703</b>	F2B-VSC-17M	@	F2B-VSC-17M-NL
204	3/4	<b>123610</b>	F2B-VSC-012	<b>057854</b>	F2B-VSC-012-NL
	20mm	<b>125704</b>	F2B-VSC-20M	@	F2B-VSC-20M-NL
205	7/8	<b>125518</b>	F2B-VSC-014	@	F2B-VSC-014-NL
	15/16	<b>125519</b>	F2B-VSC-015	@	F2B-VSC-015-NL
	1	<b>123611</b>	F2B-VSC-100	<b>050778</b>	F2B-VSC-100-NL
	25mm	<b>125705</b>	F2B-VSC-25M	@	F2B-VSC-25M-NL
206	1-1/8	<b>125520</b>	F2B-VSC-102	@	F2B-VSC-102-NL
	1-3/16	<b>123612</b>	F2B-VSC-103	<b>050840</b>	F2B-VSC-103-NL
	1-1/4	<b>123618</b>	F2B-VSC-104S	<b>051888</b>	F2B-VSC-104S-NL
	30mm	<b>125752</b>	F2B-VSC-30M	@	F2B-VSC-30M-NL
207	1-1/4	<b>123613</b>	F2B-VSC-104	@	F2B-VSC-104-NL
	1-3/8	<b>125521</b>	F2B-VSC-106	<b>049468</b>	F2B-VSC-106-NL
	1-7/16	<b>123614</b>	F2B-VSC-107	<b>051699</b>	F2B-VSC-107-NL
208	35mm	<b>125706</b>	F2B-VSC-35M	@	F2B-VSC-35M-NL
	1-1/2	<b>123615</b>	F2B-VSC-108	@	F2B-VSC-108-NL
	40mm	<b>125707</b>	F2B-VSC-40M	@	F2B-VSC-40M-NL
209	1-11/16	<b>125522</b>	F2B-VSC-111	<b>050842</b>	F2B-VSC-111-NL
	1-3/4	<b>125523</b>	F2B-VSC-112	<b>049892</b>	F2B-VSC-112-NL
	45mm	<b>125708</b>	F2B-VSC-45M	@	F2B-VSC-45M-NL
210	1-15/16	<b>123616</b>	F2B-VSC-115	<b>059811</b>	F2B-VSC-115-NL
	2	<b>123617</b>	F2B-VSC-200	<b>056727</b>	F2B-VSC-200-NL
	50mm	<b>125709</b>	F2B-VSC-50M	@	F2B-VSC-50M-NL
211	2	<b>123694</b>	F2B-VSC-200L	@	F2B-VSC-200L-NL
	2-3/16	<b>123619</b>	F2B-VSC-203	@	F2B-VSC-203-NL
	55mm	<b>125710</b>	F2B-VSC-55M	@	F2B-VSC-55M-NL

@Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC INTERMEDIATE DUTY 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. / kg.	A	B	C	D	F Bolt Dia.	H	J	L	M	N
203	1/2	0.8	15/16	3-7/8	1-3/16	3	3/8	3/8	11/32	31/32	2-1/8	1-1/8
	5/8	0.7										
	17mm	0.36	23.8	98.4	30.2	76.2	M10	9.5	8.7	24.6	54.0	28.6
204	3/4	1.4	1-1/16	4-13/32	1-3/8	3-17/32	3/8	1/2	25/64	1-1/8	2-3/8	1-1/2
	20mm	0.63	27.0	111.9	34.9	89.7	M10	12.7	9.9	28.6	60.3	38.1
	7/8	1.6	1-3/32	4-7/8	1-11/32	3-57/64	7/16	1/2	25/64	1-21/64	2-3/4	1-7/16
205	15/16	1.5										
	1	1.4										
	25mm	0.67	27.8	123.8	34.1	98.8	M10	12.7	9.9	33.7	69.9	36.5
206	1-1/8	2.2	1-19/64	5-9/16	1-17/32	4-19/32	7/16	1/2	15/32	1-37/64	3-1/8	1-9/16
	1-3/16	2.1										
	1-1/4	2.0										
	30mm	0.94	32.9	141.3	38.9	116.7	M12	12.7	11.9	40.1	79.4	39.7
207	1-1/4	3.5	1-7/16	6-1/8	1-3/4	5-1/8	1/2	9/16	17/32	1-27/32	3-3/4	1-27/32
	1-3/8	3.3										
	1-7/16	3.2										
	35mm	1.43	36.5	155.6	44.5	130.2	M12	14.3	13.5	46.8	95.3	46.8
208	1-1/2	4.1	1-9/16	6-3/4	1-7/8	5-21/32	1/2	9/16	17/32	2-3/64	4-1/8	1-53/64
	40mm	1.83	39.7	171.5	47.6	143.7	M12	14.3	13.5	52.0	104.8	46.4
209	1-11/16	5.0	1-19/32	7-1/16	1-15/16	5-27/32	1/2	5/8	17/32	2-7/32	4-3/8	1-29/32
	1-3/4	4.9										
	45mm	2.23	40.5	179.4	49.20	148.4	M14	15.9	13.5	56.4	111.1	48.4
210	1-15/16	5.4	1-5/8	7-7/16	2	6-3/16	1/2	5/8	17/32	2-7/16	4-9/16	2-1/32
	2	5.2										
	50mm	2.41	40.5	188.9	50.8	157.2	M16	15.9	13.5	61.9	115.9	51.6
211	2	6.7	1-23/32	8-5/8	2-5/32	7-1/4	5/8	11/16	9/16	2-23/32	5-1/4	2-17/64
	2-3/16	6.5										
	55mm	2.99	41.3	219.1	54.8	184.2	M16	17.5	14.3	69.1	133.4	57.5

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

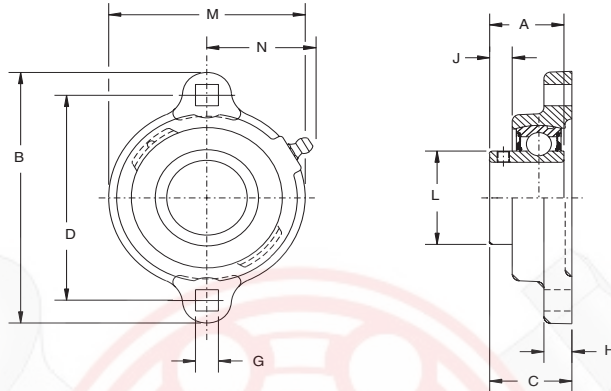
Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC LFT NORMAL DUTY 2-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:  
1/4-28 Tapered Thread



Series	Shaft Size	Standard		Sealed for Life (No Lube)	
		Part No.	Description	Part No.	Description
203	1/2	<b>124640</b>	LFT-SC-008	<b>124660</b>	LFT-SC-008-NL
	5/8	<b>124641</b>	LFT-SC-010	<b>124661</b>	LFT-SC-010-NL
	17mm	<b>130362</b>	LFT-SC-17M	@	LFT-SC-17M-NL
204	3/4	<b>124642</b>	LFT-SC-012	<b>124662</b>	LFT-SC-012-NL
	20mm	<b>130363</b>	LFT-SC-20M	@	LFT-SC-20M-NL
205	7/8	<b>124643</b>	LFT-SC-014	<b>124663</b>	LFT-SC-014-NL
	15/16	<b>124644</b>	LFT-SC-015	<b>124664</b>	LFT-SC-015-NL
	1	<b>124645</b>	LFT-SC-100	<b>124665</b>	LFT-SC-100-NL
	25mm	<b>130364</b>	LFT-SC-25M	@	LFT-SC-25M-NL
206	1-1/16	<b>124646</b>	LFT-SC-101	<b>124666</b>	LFT-SC-101-NL
	1-1/8	<b>124647</b>	LFT-SC-102	<b>124667</b>	LFT-SC-102-NL
	1-3/16	<b>124648</b>	LFT-SC-103	<b>124668</b>	LFT-SC-103-NL
	1-1/4	<b>124649</b>	LFT-SC-104S	<b>124669</b>	LFT-SC-104S-NL
	30mm	<b>130365</b>	LFT-SC-30M	@	LFT-SC-30M-NL
207	1-1/4	<b>124650</b>	LFT-SC-104	<b>124670</b>	LFT-SC-104-NL
	1-5/16	<b>124651</b>	LFT-SC-105	<b>124671</b>	LFT-SC-105-NL
	1-3/8	<b>124652</b>	LFT-SC-106	<b>124672</b>	LFT-SC-106-NL
	1-7/16	<b>124653</b>	LFT-SC-107	<b>124673</b>	LFT-SC-107-NL
	35mm	<b>130366</b>	LFT-SC-35M	@	LFT-SC-35M-NL

\* No lube fitting required in the SCLFT NoLube

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC LFT NORMAL DUTY 2-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs kgs	A	B	C	D	G	H	J	L	M	N*
203	1/2	0.60	1	3-3/16	1-3/64	2-1/2	9/32	3/8	21/64	31/32	2-1/8	1-15/64
	5/8	0.55										
	17mm	0.27	25.4	81.0	27.0	63.5	7.5	9.5	8.7	24.6	54.0	31.4
204	3/4	0.80	1-5/32	3-9/16	1-7/32	2-13/16	11/32	27/64	3/8	1-1/8	2-3/8	1-11/32
	20mm	0.36	29.4	90.5	31.0	71.4	8.7	10.7	9.5	28.6	60.3	34.1
205	7/8	0.95	1-3/16	3-3/4	1-1/4	3	11/32	27/64	3/8	1-21/64	2-5/8	1-7/16
	15/16	0.90										
	1	0.85										
206	25mm	0.43	30.2	95.3	31.8	76.2	8.7	10.7	10.3	33.7	66.7	36.5
	1-1/16	1.50	1-25/64	4-7/16	1-15/32	3-9/16	13/32	15/32	15/32	1-37/64	3-1/4	1-23/32
	1-1/8	1.45										
	1-3/16	1.40										
207	1-1/4	1.85	1-17/32	4-13/16	1-19/32	3-15/16	13/32	1/2	17/32	1-27/32	3-1/2	1-53/64
	1-5/16	1.80										
	1-3/8	1.75										
	1-7/16	1.70										
	35mm	0.81	38.9	122.2	40.5	100.0	10.3	12.7	13.5	46.8	88.9	46.4

\* No lube fitting required in the SCLFT NoLube

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

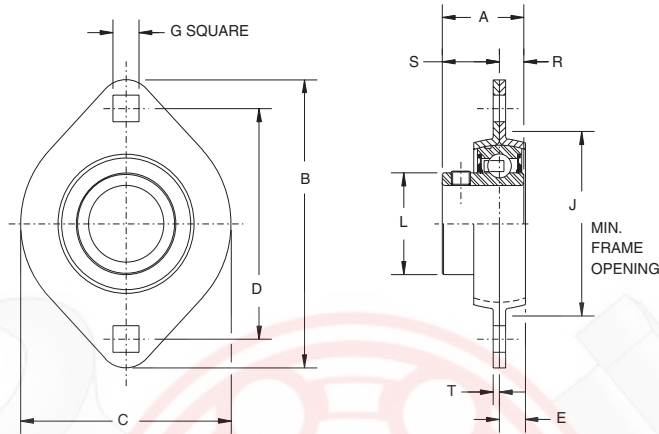
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY 2-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
203	1/2	<b>128151</b>	F2B-SL-008
	5/8	<b>128154</b>	F2B-SL-010
	17mm	@	F2B-SL-17M
204	3/4	<b>128092</b>	F2B-SL-012
	20mm	@	F2B-SL-20M
205	7/8	<b>128174</b>	F2B-SL-014
	15/16	<b>128175</b>	F2B-SL-015
	1	<b>128093</b>	F2B-SL-100
	25mm	@	F2B-SL-25M
206	1-1/8	<b>128176</b>	F2B-SL-102
	1-3/16	<b>128094</b>	F2B-SL-103
	1-1/4	<b>128097</b>	F2B-SL-104S
	30mm	@	F2B-SL-30M
207	1-1/4	<b>128095</b>	F2B-SL-104
	1-3/8	<b>128177</b>	F2B-SL-106
	1-7/16	<b>128096</b>	F2B-SL-107
	35mm	@	F2B-SL-35M

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY 2-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg	A	B	C	D	E	G*	J	L	R	S	T	Housing Radial Load Rating (lbs) N
203	1/2	0.45	15/16	3-3/16	2-5/16	2-1/2	9/32	9/32	1-15/16	31/32	19/64	41/64	0.075	600
	5/8	0.42												
	17mm	0.20	23.8	81.0	58.7	63.5	7.1	7.1	49.2	24.6	7.5	16.3	1.9	2,668
204	3/4	0.55	1-1/16	3-9/16	2-5/8	2-13/16	5/16	11/32	2-3/16	1-1/8	21/64	47/64	0.083	700
	20mm	0.25	27.0	90.5	66.7	71.4	7.9	8.7	55.6	28.6	8.3	18.7	2.1	3,112
205	7/8	0.81	1-3/32	3-3/4	2-51/64	3	11/32	11/32	2-3/8	1-21/64	21/64	49/64	0.083	800
	15/16	0.77												
	1	0.65												
206	25mm	.34	27.8	95.3	71.0	76.2	8.7	8.7	60.3	33.7	8.3	19.4	2.1	3,557
	1-1/8	1.05	1-19/64	4-7/16	3-5/16	3-9/16	11/32	13/32	2-13/16	1-37/64	25/64	29/32	0.104	1,100
	1-3/16	1.02												
207	1-1/4	1.00												
	30mm	0.46	32.9	112.7	84.1	90.5	8.7	10.3	71.4	40.1	9.9	23.0	2.6	4,891
	1-1/4	1.53	1-7/16	4-15/16	3-11/16	3-15/16	7/16	13/32	3-3/16	1-27/32	13/32	1-1/32	0.104	1,400
207	1-3/8	1.50												
	1-7/16	1.37												
	35mm	0.67	36.5	125.4	93.7	100.0	11.1	10.3	81.0	46.8	10.3	26.2	2.6	6,225

\* Mounting bolt holes will accept either carriage or machine bolts

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Bearing Quick Reference

E-Z KLEEN

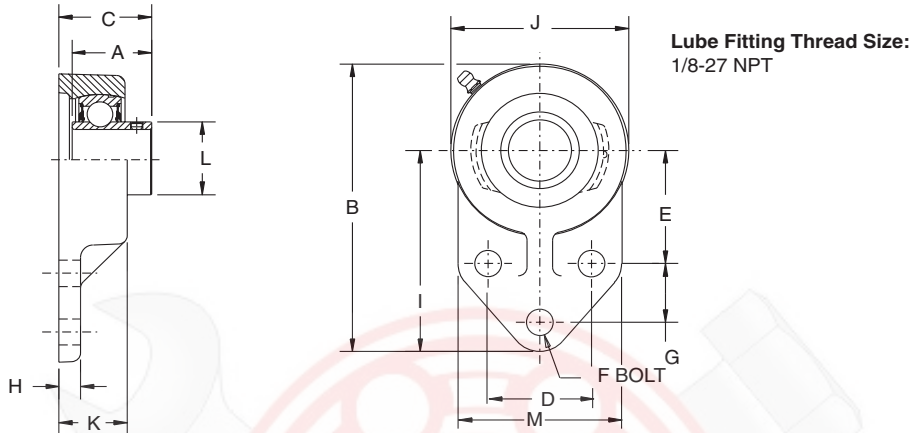
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC FB NORMAL DUTY 3-BOLT FLANGED BRACKET BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
204	1/2	<b>124435</b>	FB-SC-008	@	FB-SC-008-NL	@	FB-SC-008-FF
	5/8	<b>124436</b>	FB-SC-010	<b>059816</b>	FB-SC-010-NL	@	FB-SC-010-FF
	3/4	<b>124437</b>	FB-SC-012	<b>058544</b>	FB-SC-012-NL	<b>049726</b>	FB-SC-012-FF
205	7/8	<b>124438</b>	FB-SC-014	<b>056765</b>	FB-SC-014-NL	@	FB-SC-014-FF
	15/16	<b>124439</b>	FB-SC-015	@	FB-SC-015-NL	@	FB-SC-015-FF
	1	<b>124440</b>	FB-SC-100	<b>051774</b>	FB-SC-100-NL	@	FB-SC-100-FF
206	1-1/16	<b>124441</b>	FB-SC-101	@	FB-SC-101-NL	@	FB-SC-101-FF
	1-1/8	<b>124442</b>	FB-SC-102	@	FB-SC-102-NL	@	FB-SC-102-FF
	1-3/16	<b>124443</b>	FB-SC-103	<b>049615</b>	FB-SC-103-NL	@	FB-SC-103-FF
	1-1/4	<b>124444</b>	FB-SC-104S	<b>124450</b>	FB-SC-104S-NL	<b>054263</b>	FB-SC-104S-FF
207	1-1/4	<b>124445</b>	FB-SC-104	<b>058545</b>	FB-SC-104-NL	@	FB-SC-104-FF
	1-5/16	<b>124446</b>	FB-SC-105	@	FB-SC-105-NL	@	FB-SC-105-FF
	1-3/8	<b>124447</b>	FB-SC-106	@	FB-SC-106-NL	@	FB-SC-106-FF
	1-7/16	<b>124448</b>	FB-SC-107	<b>052016</b>	FB-SC-107-NL	<b>124449</b>	FB-SC-107-FF
210	1-11/16	<b>052906</b>	FB-SCM-111	@	FB-SCM-111-NL	@	FB-SCM-111-FF
	1-15/16	<b>052094</b>	FB-SC-115	@	FB-SC-115-NL	@	FB-SC-115-FF
	2	<b>058529</b>	FB-SC-200	@	FB-SC-200-NL	@	FB-SC-200-FF

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SC FB NORMAL DUTY 3-BOLT FLANGED BRACKET BEARINGS

Series	Shaft Size	Weight lbs	A	B	C	D	E	F Bolt Dia.	G	H	I	J	K	L	M
204	1/2	1.51	1-5/32	4-1/4	1-11/32	1-1/2	1-11/16	3/8	7/8	5/16	3	2-1/2	63/64	1-1/8	2-3/8
	5/8	1.48													
	3/4	1.45													
205	7/8	1.81	1-3/16	4-3/4	1-1/2	1-5/8	1-13/16	3/8	1-1/8	3/8	3-3/8	2-3/4	1-7/64	1-21/64	2-1/2
	15/16	1.78													
	1	1.75													
206	1-1/16	2.12	1-25/64	5-3/8	1-5/8	1-7/8	2-1/16	3/8	1-1/4	3/8	3-3/4	3-1/4	1-1/8	1-37/64	2-3/4
	1-1/8	2.08													
	1-3/16	2.05													
	1-1/4	2.02													
207	1-1/4	3.46	1-17/32	6-1/8	1-7/8	2	2-3/8	1/2	1-1/4	1/2	4-1/4	3-3/4	1-5/16	1-27/32	3-1/4
	1-5/16	3.41													
	1-3/8	3.36													
	1-7/16	3.30													
210	1-11/16	5.70	1-3/4	7-1/2	2-1/32	2-3/4	2-15/16	1/2	1-5/8	1/2	5-3/16	4-5/8	1-1/2	2-7/16	4
	1-15/16	5.50													
	2	5.40													

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

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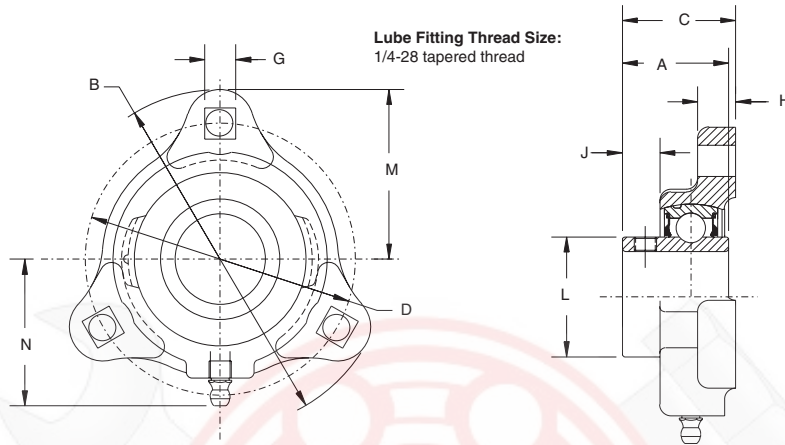
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC LF NORMAL DUTY 3-BOLT FLANGE BEARINGS



Series	Shaft Size	Standard		Sealed for Life (No Lube)	
		Part No.	Description	Part No.	Description
203	1/2	<b>124600</b>	LF-SC-008	<b>124620</b>	LF-SC-008-NL
	5/8	<b>124601</b>	LF-SC-010	<b>124621</b>	LF-SC-010-NL
	17 mm	<b>050895</b>	LF-SC-17M		LF-SC-17M-NL
204	3/4	<b>124602</b>	LF-SC-012	<b>124622</b>	LF-SC-012-NL
	20 mm	<b>124934</b>	LF-SC-20M	<b>125384</b>	LF-SC-20M-NL
205	7/8	<b>124603</b>	LF-SC-014	<b>124623</b>	LF-SC-014-NL
	15/16	<b>124604</b>	LF-SC-015	<b>124624</b>	LF-SC-015-NL
	1	<b>124605</b>	LF-SC-100	<b>124625</b>	LF-SC-100-NL
	25 mm	@	LF-SC-25M	@	LF-SC-25M-NL
206	1-1/16	<b>124606</b>	LF-SC-101	<b>124626</b>	LF-SC-101-NL
	1-1/8	<b>124607</b>	LF-SC-102	<b>124627</b>	LF-SC-102-NL
	1-3/16	<b>124608</b>	LF-SC-103	<b>124628</b>	LF-SC-103-NL
	1-1/4	<b>124609</b>	LF-SC-104S	<b>124629</b>	LF-SC-104S-NL
	30 mm	@	LF-SC-30M	@	LF-SC-30M-NL
207	1-1/4	<b>124610</b>	LF-SC-104	<b>124630</b>	LF-SC-104-NL
	1-5/16	<b>124611</b>	LF-SC-105	<b>124631</b>	LF-SC-105-NL
	1-3/8	<b>124612</b>	LF-SC-106	<b>124632</b>	LF-SC-106-NL
	1-7/16	<b>124613</b>	LF-SC-107	<b>124633</b>	LF-SC-107-NL
	35 mm	@	LF-SC-35M	@	LF-SC-35M-NL

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC LF NORMAL DUTY 3-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs kg	A	B	C	D	G	H	J	L	M	N
203	1/2	0.65	1	3-3/16	1-3/64	2-1/2	9/32	3/8	21/64	31/32	1-19/32	1-27/32
	5/8	0.60										
	17 mm	0.29	25.4	81.0	27.0	63.5	7.5	9.5	8.7	24.6	40.5	46.8
204	3/4	0.85	1-5/32	3-9/16	1-7/32	2-13/16	23/64	27/64	3/8	1-1/8	1-25/32	1-37/64
	20 mm	0.38	29.4	90.5	31.0	71.4	9.1	10.7	9.5	28.6	45.2	40.1
205	7/8	1.10	1-3/16	3-3/4	1-1/4	3	11/32	27/64	3/8	1-21/64	1-7/8	1-45/64
	15/16	1.05										
	1	1.00										
206	25 mm	0.47	30.2	95.3	31.8	76.2	8.7	10.7	10.3	33.7	47.6	43.3
	1-1/16	1.65	1-25/64	4-7/16	1-15/32	3-9/16	13/32	15/32	15/32	1-37/64	2-7/32	2-1/64
	1-1/8	1.60										
	1-3/16	1.55										
207	1 -/4	1.50										
	30 mm	0.70	35.3	112.7	37.3	90.5	10.3	11.9	13.5	40.1	56.4	51.2
	1-1/4	2.10	1-17/32	4-13/16	1-19/32	3-15/16	13/32	1/2	17/32	1-27/32	2-13/32	2-9/64
	1-5/16	2.05										
207	1-3/8	2.00										
	1-7/16	1.95										
	35 mm	0.90	38.9	122.2	40.5	100.0	10.3	12.7	13.5	46.8	61.1	54.4

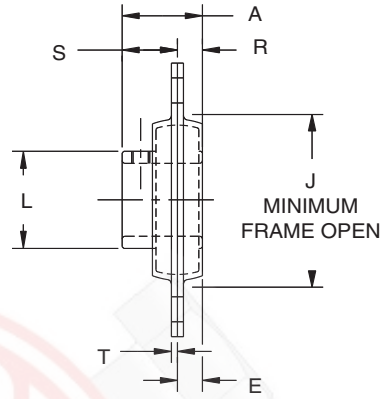
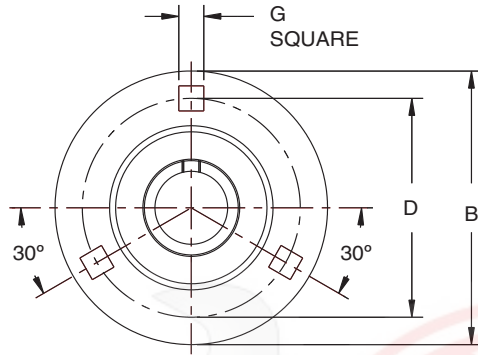
\* No lube fitting required in the SC LFT No Lube

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY 3-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
204	3/4	<b>128083</b>	F3B-SL-012
	20mm	@	F3B-SL-20M
205	7/8	<b>128178</b>	F3B-SL-014
	15/16	<b>128179</b>	F3B-SL-015
	1	<b>128084</b>	F3B-SL-100
	25mm	@	F3B-SL-25M
206	1-1/8	<b>128180</b>	F3B-SL-102
	1-3/16	<b>128085</b>	F3B-SL-103
	1-1/4	<b>128082</b>	F3B-SL-104S
	30mm	@	F3B-SL-30M
207	1-1/4	<b>128086</b>	F3B-SL-104
	1-3/8	<b>128181</b>	F3B-SL-106
	1-7/16	<b>128087</b>	F3B-SL-107
	35mm	@	F3B-SL-35M

@ Assembled to order.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY 3-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg	A	B	D	E	G*	J	L	R	S	T	Housing Radial Load Rating (lbs) N
204	3/4	0.74	1-1/16	3-9/16	2-13/16	5/16	11/32	2-3/16	1-1/8	21/64	47/64	0.083	700
	20mm	0.33	27.0	90.5	71.4	7.9	8.7	55.6	90.5	71.4	7.9	2.1	3,112
205	7/8	1.01	1-3/32	3-3/4	3	11/32	11/32	2-3/8	1-21/64	21/64	49/64	0.083	800
	15/16	0.97											
	1	0.85											
206	25mm	0.43	27.8	95.3	76.2	8.7	8.7	60.3	33.7	8.3	19.4	2.1	3,557
	1-1/8	1.39	1-19/64	4-7/16	3-9/16	11/32	13/32	2-13/16	1-37/64	25/64	29/32	0.104	1,100
	1-3/16	1.36											
	1-1/4	1.34											
207	30mm	0.61	32.9	112.7	90.5	8.7	10.3	71.4	40.1	9.9	23.0	2.6	4,891
	1-1/4	1.89	1-7/16	4-15/16	3-15/16	7/16	13/32	3-3/16	1-27/32	13/32	1-1/32	0.104	1,400
	1-3/8	1.86											
	1-7/16	1.73											
207	35mm	0.83	36.5	125.4	100.1	11.1	10.3	81.0	46.8	10.3	26.2	2.6	6,225

\* Mounting bolt holes will accept either carriage or machine bolts.

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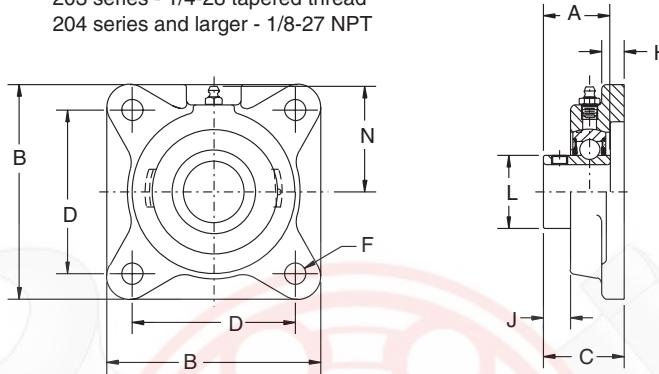




## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	<b>124048</b>	F4B-SC-008	@	F4B-SC-008-NL	@	F4B-SC-008-FF
	5/8	<b>124049</b>	F4B-SC-010	@	F4B-SC-010-NL	@	F4B-SC-010-FF
	17mm	<b>125885</b>	F4B-SC-17M	@	F4B-SC-17M-NL	@	F4B-SC-17M-FF
204	1/2	<b>124098</b>	F4B-SC-008L	@	F4B-SC-008L-NL	@	F4B-SC-008L-FF
	5/8	<b>124099</b>	F4B-SC-010L	@	F4B-SC-010L-NL	<b>054528</b>	F4B-SC-010L-FF
	3/4	<b>124100</b>	F4B-SC-012	<b>052010</b>	F4B-SC-012-NL	<b>050917</b>	F4B-SC-012-FF
	13/16	<b>124567</b>	F4B-SC-013	@	F4B-SC-013-NL	@	F4B-SC-013-FF
	20mm	<b>125886</b>	F4B-SC-20M	@	F4B-SC-20M-NL	@	F4B-SC-20M-FF
205	7/8	<b>124101</b>	F4B-SC-014	@	F4B-SC-014-NL	@	F4B-SC-014-FF
	15/16	<b>124102</b>	F4B-SC-015	<b>126524</b>	F4B-SC-015-NL	@	F4B-SC-015-FF
	1	<b>124103</b>	F4B-SC-100	<b>126525</b>	F4B-SC-100-NL	<b>123007</b>	F4B-SC-100-FF
	25mm	<b>125887</b>	F4B-SC-25M	@	F4B-SC-25M-NL	@	F4B-SC-25M-FF
206	1-1/16	<b>124218</b>	F4B-SC-101	@	F4B-SC-101-NL	@	F4B-SC-101-FF
	1-1/8	<b>124204</b>	F4B-SC-102	<b>126526</b>	F4B-SC-102-NL	<b>125156</b>	F4B-SC-102-FF
	1-3/16	<b>124205</b>	F4B-SC-103	<b>050834</b>	F4B-SC-103-NL	<b>125148</b>	F4B-SC-103-FF
	1-1/4	<b>123173</b>	F4B-SC-104S	<b>051987</b>	F4B-SC-104S-NL	@	F4B-SC-104S-FF
	30mm	<b>125888</b>	F4B-SC-30M	@	F4B-SC-30M-NL	@	F4B-SC-30M-FF
207	1-1/4	<b>124206</b>	F4B-SC-104	<b>126528</b>	F4B-SC-104-NL	<b>052508</b>	F4B-SC-104-FF
	1-5/16	<b>124219</b>	F4B-SC-105	@	F4B-SC-105-NL	@	F4B-SC-105-FF
	1-3/8	<b>124207</b>	F4B-SC-106	<b>052009</b>	F4B-SC-106-NL	<b>056757</b>	F4B-SC-106-FF
	1-7/16	<b>124208</b>	F4B-SC-107	<b>050835</b>	F4B-SC-107-NL	<b>057696</b>	F4B-SC-107-FF
	35mm	<b>125889</b>	F4B-SC-35M	@	F4B-SC-35M-NL	@	F4B-SC-35M-FF

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	N
203	1/2	1.1	1	3	1-3/16	2-1/8	3/8	7/16	11/32	31/32	1-11/16
	5/8	1.0									
	17mm	0.5	25.4	76.2	30.2	54.0	M10	11.1	8.7	24.6	42.9
204	1/2	1.8	1-5/32	3-3/8	1-3/8	2-1/2	3/8	7/16	25/64	1-1/8	1-15/16
	5/8	1.7									
	3/4	1.6									
	13/16	1.5									
	20mm	0.8	29.4	85.7	34.9	63.5	M10	11.1	9.9	28.6	49.2
205	7/8	2.0	1-3/16	3-3/4	1-23/64	2-3/4	7/16	1/2	25/64	1-21/64	2-1/16
	15/16	1.9									
	1	1.8									
	25mm	0.9	30.2	95.3	34.5	69.9	M10	12.7	9.9	33.7	52.4
206	1-1/16	2.9	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	1-1/8	2.8									
	1-3/16	2.7									
	1-1/4	2.6									
	30mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-1/4	4.0	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-5/16	3.9									
	1-3/8	3.8									
	1-7/16	3.7									
	35mm	1.7	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

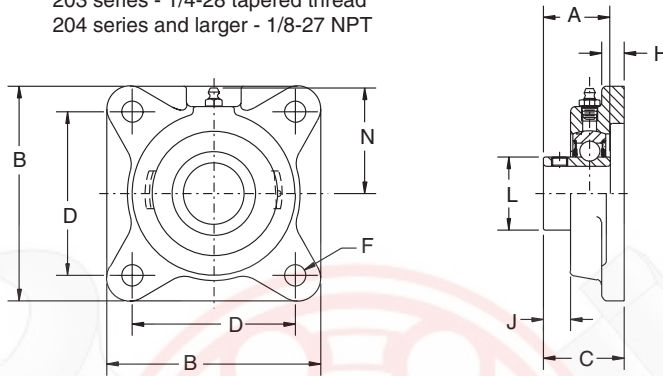




## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
203 series - 1/4-28 tapered thread  
204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	<b>124209</b>	F4B-SC-108	<b>051991</b>	F4B-SC-108-NL	<b>054523</b>	F4B-SC-108-FF
	1-5/8	<b>124210</b>	F4B-SC-110	<b>052008</b>	F4B-SC-110-NL	@	F4B-SC-110-FF
	40mm	<b>125890</b>	F4B-SC-40M	@	F4B-SC-40M-NL	@	F4B-SC-40M-FF
209	1-5/8	<b>125170</b>	F4B-SC-110L	@	F4B-SC-110L-NL	@	F4B-SC-110L-FF
	1-11/16	<b>124211</b>	F4B-SC-111	<b>064214</b>	F4B-SC-111-NL	<b>057850</b>	F4B-SC-111-FF
	1-3/4	<b>124212</b>	F4B-SC-112	<b>126531</b>	F4B-SC-112-NL	<b>054839</b>	F4B-SC-112-FF
	45mm	<b>125891</b>	F4B-SC-45M	@	F4B-SC-45M-NL	@	F4B-SC-45M-FF
210	1-15/16	<b>124213</b>	F4B-SC-115	<b>051992</b>	F4B-SC-115-NL	<b>124564</b>	F4B-SC-115-FF
	2	<b>124214</b>	F4B-SC-200	<b>050867</b>	F4B-SC-200-NL	<b>050169</b>	F4B-SC-200-FF
	50mm	<b>125892</b>	F4B-SC-50M	@	F4B-SC-50M-NL	@	F4B-SC-50M-FF
211	2	<b>126192</b>	F4B-SCM-200	<b>052004</b>	F4B-SCM-200-NL	<b>126132</b>	F4B-SCM-200-FF
	2-3/16	<b>124215</b>	F4B-SC-203	<b>052007</b>	F4B-SC-203-NL	<b>124921</b>	F4B-SC-203-FF
	2-1/4	<b>124216</b>	F4B-SC-204	<b>052006</b>	F4B-SC-204-NL	@	F4B-SC-204-FF
	55mm	<b>125893</b>	F4B-SC-55M	@	F4B-SC-55M-NL	@	F4B-SC-55M-FF
212	2-1/4	<b>126283</b>	F4B-SCM-204	<b>126537</b>	F4B-SCM-204-NL	<b>054482</b>	F4B-SCM-204-FF
	2-7/16	<b>124217</b>	F4B-SC-207	<b>050843</b>	F4B-SC-207-NL	<b>124728</b>	F4B-SC-207-FF
	60mm	<b>125894</b>	F4B-SC-60M	@	F4B-SC-60M-NL	@	F4B-SC-60M-FF
214	2-1/2	<b>126195</b>	F4B-SCM-208	@	F4B-SCM-208-NL	<b>126326</b>	F4B-SCM-208-FF
	2-11/16	<b>124261</b>	F4B-SC-211	@	F4B-SC-211-NL	<b>064453</b>	F4B-SC-211-FF
	70mm	<b>125895</b>	F4B-SC-70M	@	F4B-SC-70M-NL	@	F4B-SC-70M-FF
215	2-15/16	<b>124220</b>	F4B-SC-215	<b>052291</b>	F4B-SC-215-NL	@	F4B-SC-215-FF
	75mm	<b>125896</b>	F4B-SC-75M	@	F4B-SC-75M-NL	@	F4B-SC-75M-FF

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY 4-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	N
208	1-1/2	4.8	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	1-5/8	4.7									
	40mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-5/8	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-11/16	6.0									
	1-3/4	5.9									
	45mm	2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-15/16	6.7	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	2	6.6									
	50mm	3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	2	9.3	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2-3/16	9.0									
	2-1/4	8.9									
	55mm	4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-1/4	11.1	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-7/16	10.6									
	60mm	6.0	50.4	174.6	57.9	142.9	M16	17.5	14.3	75.4	88.9
214	2-1/2	16.0	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-11/16	15.4									
	70mm	6.9	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-15/16	17.6	2-9/32	7-3/4	2-57/64	6	3/4	1	41/64	3-5/8	3-7/8
	75mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

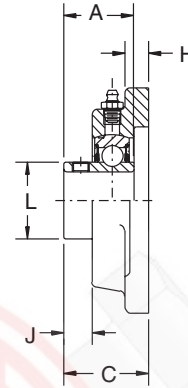
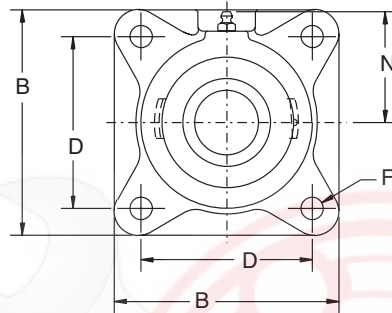
### Setscrew Ball Bearings

#### SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

##### Lube Fitting Thread Size:

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
204	1/2	<b>051931</b>	F4B-SCAH-008L
	5/8	<b>050130</b>	F4B-SCAH-010L
	3/4	<b>123740</b>	F4B-SCAH-012
	20mm	@	F4B-SCAH-20M
205	7/8	@	F4B-SCAH-014
	15/16	<b>124246</b>	F4B-SCAH-015
	1	<b>123741</b>	F4B-SCAH-100
206	25mm	<b>058736</b>	F4B-SCAH-25M
	1-1/16	@	F4B-SCAH-101
	1-1/8	<b>064335</b>	F4B-SCAH-102
	1-3/16	<b>123742</b>	F4B-SCAH-103
	1-1/4	@	F4B-SCAH-104S
207	30mm	<b>054726</b>	F4B-SCAH-30M
	1-1/4	<b>123743</b>	F4B-SCAH-104
	1-5/16	@	F4B-SCAH-105
	1-3/8	@	F4B-SCAH-106
	1-7/16	<b>123744</b>	F4B-SCAH-107
	35mm	@	F4B-SCAH-35M
208	40mm	<b>123745</b>	F4B-SCAH-108
	1-1/2	@	F4B-SCAH-110
	1-5/8	@	F4B-SCAH-40M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	N
204	1/2	1.8	1-5/32	3-3/8	1-3/8	2-1/2	3/8	7/16	25/64	1-1/8	1-15/16
	5/8	1.7									
	3/4	1.6									
	20mm	0.8	29.4	85.7	34.9	63.5	M10	11.1	9.9	28.6	49.2
205	7/8	2.0	1-3/16	3-3/4	1-23/64	2-3/4	7/16	1/2	25/64	1-21/64	2-1/6
	15/16	1.9									
	1	1.8									
	25mm	0.9	30.2	95.3	34.5	69.9	M110	12.7	9.9	33.7	52.4
206	1-1/16	2.9	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	1-1/8	2.8									
	1-3/16	2.7									
	30mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-1/4	4.0	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-5/16	3.9									
	1-3/8	3.8									
	35mm	1.7	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-1/2	4.8	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	1-5/8	4.7									
	40mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

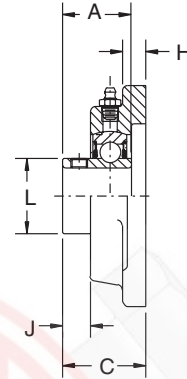
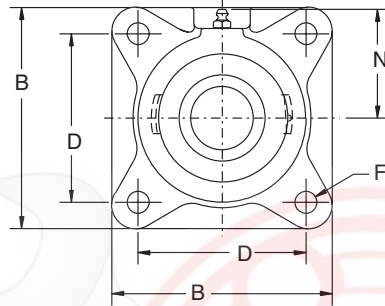
### Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

#### Lube Fitting Thread Size:

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
209	1-5/8	@	F4B-SCAH-110L
	1-11/16	<b>123746</b>	F4B-SCAH-111
	1-3/4	<b>123747</b>	F4B-SCAH-112
	45mm	@	F4B-SCAH-45M
210	1-15/16	<b>123748</b>	F4B-SCAH-115
	2	@	F4B-SCAH-200
	50mm	@	F4B-SCAH-50M
211	2	@	F4B-SCMAH-200
	2-3/16	<b>123749</b>	F4B-SCAH-203
	2-1/4	@	F4B-SCAH-204
	55mm	@	F4B-SCAH-55M
212	2-1/4	@	F4B-SCMAH-204
	2-7/16	<b>123750</b>	F4B-SCAH-207
	60mm	@	F4B-SCAH-60M
214	2-1/2	<b>050662</b>	F4B-SCMAH-208
	2-11/16	<b>124395</b>	F4B-SCAH-211
	70mm	@	F4B-SCAH-70M
215	2-15/16	<b>123751</b>	F4B-SCAH-215
	75mm	@	F4B-SCAH-75M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCAH NORMAL DUTY AIR HANDLING 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs	A	B	C	D	F Bolt Dia.	H	J	L	N
209	1-5/8	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-11/16	6.0									
	1-3/4	5.9									
	45mm	2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-15/16	6.7	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	2	6.6									
	50mm	3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	2	9.3	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2-3/16	9.0									
	2-1/4	8.9									
	55mm	4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-1/4	11.1	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-7/16	10.6									
	60mm	6.0	50.4	174.6	57.9	142.9	M16	7.5	14.3	75.4	88.9
214	2-1/2	16.0	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-11/16	15.4									
	70mm	6.9	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-15/16	17.6	2-9/32	7-3/4	2-57/64	6	3/4	1	41/64	3-5/8	3-7/8
	75mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4

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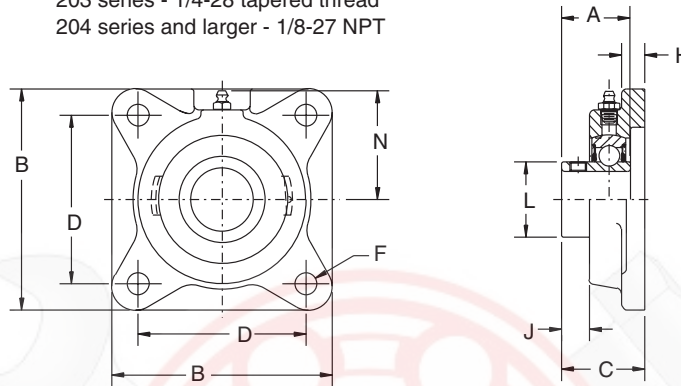




## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY 4-BOLT FLANGE BEARINGS

**Lube Fitting Thread Size:**  
 203 series - 1/4-28 tapered thread  
 204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)		With Flingers	
		Part No.	Description	Part No.	Description	Part No.	Description
206	1 25mm	<b>126226</b>	F4B-SCM-100	<b>052017</b>	F4B-SCM-100-NL	@	F4B-SCM-100-FF
		<b>125965</b>	F4B-SCM-25M	@	F4B-SCM-25M-NL	@	F4B-SCM-25M-FF
207	1-3/16	<b>126227</b>	F4B-SCM-103	@	F4B-SCM-103-NL	<b>064681</b>	F4B-SCM-103-FF
	1-1/4 30mm	<b>124206</b>	F4B-SC-104	<b>126528</b>	F4B-SC-104-NL	<b>052508</b>	F4B-SC-104-FF
		<b>125966</b>	F4B-SCM-30M	@	F4B-SCM-30M-NL	@	F4B-SCM-30M-FF
208	1-7/16	<b>126187</b>	F4B-SCM-107	@	F4B-SCM-107-NL	<b>053197</b>	F4B-SCM-107-FF
	35mm	<b>125967</b>	F4B-SCM-35M	@	F4B-SCM-35M-NL	@	F4B-SCM-35M-FF
209	1-1/2	<b>126188</b>	F4B-SCM-108	<b>062897</b>	F4B-SCM-108-NL	<b>054856</b>	F4B-SCM-108-FF
	1-5/8 40mm	<b>125170</b>	F4B-SC-110L	@	F4B-SC-110L-NL	@	F4B-SC-110L-FF
		<b>125968</b>	F4B-SCM-40M	@	F4B-SCM-40M-NL	@	F4B-SCM-40M-FF
210	1-11/16	<b>126189</b>	F4B-SCM-111	@	F4B-SCM-111-NL	<b>050137</b>	F4B-SCM-111-FF
	1-3/4 45mm	<b>126190</b>	F4B-SCM-112	@	F4B-SCM-112-NL	<b>126274</b>	F4B-SCM-112-FF
		<b>125969</b>	F4B-SCM-45M	@	F4B-SCM-45M-NL	@	F4B-SCM-45M-FF
211	1-15/16	<b>126191</b>	F4B-SCM-115	<b>052302</b>	F4B-SCM-115-NL	<b>126115</b>	F4B-SCM-115-FF
	2 50mm	<b>126192</b>	F4B-SCM-200	<b>052004</b>	F4B-SCM-200-NL	<b>126132</b>	F4B-SCM-200-FF
		<b>125970</b>	F4B-SCM-50M	@	F4B-SCM-50M-NL	@	F4B-SCM-50M-FF
212	2-3/16	<b>126193</b>	F4B-SCM-203	<b>052003</b>	F4B-SCM-203-NL	<b>050276</b>	F4B-SCM-203-FF
	2-1/4 55mm	<b>126283</b>	F4B-SCM-204	<b>126537</b>	F4B-SCM-204-NL	<b>054482</b>	F4B-SCM-204-FF
		<b>125971</b>	F4B-SCM-55M	@	F4B-SCM-55M-NL	@	F4B-SCM-55M-FF
214	2-7/16	<b>126194</b>	F4B-SCM-207	<b>052002</b>	F4B-SCM-207-NL	<b>126116</b>	F4B-SCM-207-FF
	2-1/2 65mm	<b>126195</b>	F4B-SCM-208	@	F4B-SCM-208-NL	<b>126326</b>	F4B-SCM-208-FF
		<b>125972</b>	F4B-SCM-65M	@	F4B-SCM-65M-NL	@	F4B-SCM-65M-FF
215	2-11/16	<b>126186</b>	F4B-SCM-211	@	F4B-SCM-211-NL	<b>064715</b>	F4B-SCM-211-FF
	70mm	<b>125973</b>	F4B-SCM-70M	@	F4B-SCM-70M-NL	@	F4B-SCM-70M-FF
216	2-15/16	<b>126196</b>	F4B-SCM-215	<b>126538</b>	F4B-SCM-215-NL	<b>051599</b>	F4B-SCM-215-FF
	3 75mm	<b>126197</b>	F4B-SCM-300	<b>126539</b>	F4B-SCM-300-NL	<b>126781</b>	F4B-SCM-300-FF
		<b>125974</b>	F4B-SCM-75M	@	F4B-SCM-75M-NL	@	F4B-SCM-75M-FF
218	3-7/16	<b>126198</b>	F4B-SCM-307	<b>126540</b>	F4B-SCM-307-NL	<b>126271</b>	F4B-SCM-307-FF
	3-1/2 85mm	<b>126199</b>	F4B-SCM-308	<b>126541</b>	F4B-SCM-308-NL	<b>056713</b>	F4B-SCM-308-FF
		<b>125975</b>	F4B-SCM-85M	@	F4B-SCM-85M-NL	@	F4B-SCM-85M-FF

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	F Bolt Dia.	H	J	L	N
206	1	3.0	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	25mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-3/16	4.1	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-1/4 30mm	4.0 1.4	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-7/16	5.0	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	35mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-1/2	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-5/8 40mm	6.1 2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-11/16	7.1	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	1-3/4 45mm	6.9 3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	1-15/16	9.5	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2 50mm	9.3 4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-3/16	11.3	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-1/4 55mm	11.1 6.0	50.4	174.6	57.9	142.9	M16	17.5	14.3	75.4	88.9
214	2-7/16	16.2	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-1/2 65mm	16.0 7.3	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-11/16	18.3	2-9/32	7-3/4	2-57/64	6.0	3/4	1	41/64	3-5/8	3-7/8
	70mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4
216	2-15/16	21.5	2-11/32	7-3/4	3-3/32	6	3/4	7/8	19/32	3-53/64	4-3/32
	3 75mm	21.2 9.4	59.5	196.9	78.6	152.4	M18	22.2	15.1	97.2	104.0
218	3-7/16	28.0	2-31/64	8-7/16	3-11/32	6-3/4	3/4	1	9/16	4-23/64	4-5/8
	3-1/2 85mm	27.4 12.2	63.1	214.3	84.9	171.5	M18	25.4	14.3	110.7	117.5

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing





## SELECTION/DIMENSIONS

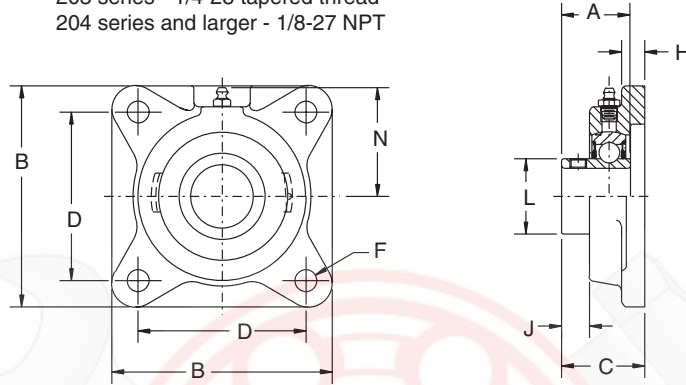
### Setscrew Ball Bearings

### SCMAH AIR HANDLING MEDIUM DUTY 4-BOLT FLANGE BEARINGS

#### Lube Fitting Thread Size:

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT



Series	Shaft Size	Part No.	Description
206	1	<b>053901</b>	F4B-SCMAH-100
	25mm	@	F4B-SCMAH-25M
207	1-3/16	<b>050132</b>	F4B-SCMAH-103
	1-1/4	<b>123743</b>	F4B-SCAH-104
208	30mm	@	F4B-SCMAH-30M
	1-7/16	<b>123760</b>	F4B-SCMAH-107
209	35mm	@	F4B-SCMAH-35M
	1-1/2	<b>123761</b>	F4B-SCMAH-108
210	1-5/8	@	F4B-SCAH-110L
	40mm	@	F4B-SCMAH-40M
211	1-11/16	<b>123762</b>	F4B-SCMAH-111
	1-3/4	<b>123763</b>	F4B-SCMAH-112
212	45mm	@	F4B-SCMAH-45M
	1-15/16	<b>123764</b>	F4B-SCMAH-115
213	2	@	F4B-SCMAH-200
	50mm	@	F4B-SCMAH-50M
214	2-3/16	<b>123765</b>	F4B-SCMAH-203
	2-1/4	<b>064586</b>	F4B-SCMAH-204
215	55mm	@	F4B-SCMAH-55M
	2-7/16	<b>123766</b>	F4B-SCMAH-207
216	2-1/2	<b>050662</b>	F4B-SCMAH-208
	65mm	@	F4B-SCMAH-65M
217	2-11/16	<b>123767</b>	F4B-SCMAH-211
	70mm	@	F4B-SCMAH-70M
218	2-15/16	<b>123768</b>	F4B-SCMAH-215
	3	@	F4B-SCMAH-300
219	75mm	@	F4B-SCM-75M
	3-7/16	<b>123769</b>	F4B-SCMAH-307
220	3-1/2	<b>057709</b>	F4B-SCMAH-308
	85mm	@	F4B-SCMAH-85M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCMAH AIR HANDLING MEDIUM DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs kgs	A	B	C	D	F Bolt Dia.	H	J	L	N
206	1	3.0	1-25/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	25mm	1.3	35.3	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-3/16	4.1	1-17/32	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-1/4 30mm	1.7	38.9	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-7/16	5.0	1-11/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	35mm	2.1	42.9	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-1/2	6.1	1-23/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-5/8 40mm	2.7	43.7	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-11/16	7.1	1-3/4	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	1-3/4 45mm	3.0	44.5	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	1-15/16	9.5	1-27/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2 50mm	4.1	46.8	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6
212	2-3/16	11.3	1-63/64	6-7/8	2-9/32	5-5/8	5/8	11/16	9/16	2-31/32	3-1/2
	2-1/4 55mm	6.0	50.4	174.6	57.9	142.9	M16	17.5	14.3	75.4	88.9
214	2-7/16	16.2	2-15/64	7-3/8	2-3/4	5-7/8	5/8	11/16	9/16	3-5/16	3-11/16
	2-1/2 65mm	7.3	56.8	187.3	69.9	149.2	M16	17.5	14.3	84.1	93.7
215	2-11/16	18.3	2-9/32	7-3/4	2-57/64	6	3/4	1	41/64	3-5/8	3-7/8
	70mm	8.0	57.9	196.9	73.4	152.4	M18	25.4	16.3	92.1	98.4
216	2-15/16	21.5	2-11/32	7-3/4	3-3/32	6	3/4	7/8	19/32	3-53/64	4-3/32
	3 75mm	9.4	59.5	196.9	78.6	152.4	M18	22.2	15.1	97.2	104.0
218	3-7/16	28.0	2-31/64	8-7/16	3-11/32	6-3/4	3/4	1	9/16	4-23/64	4-5/8
	3-1/2 85mm	12.2	63.1	214.3	84.9	171.5	M18	25.4	14.3	110.7	117.5

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## SELECTION/DIMENSIONS

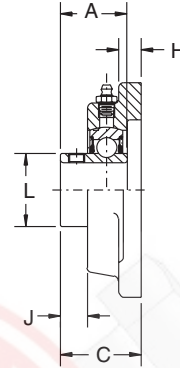
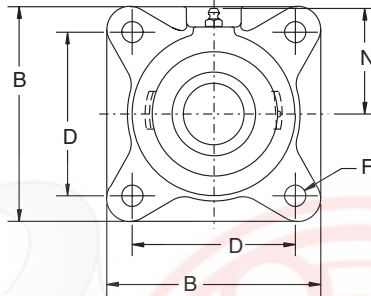
### Setscrew Ball Bearings

#### VSC INTERMEDIATE DUTY 4-BOLT FLANGE BEARINGS

Lube Fitting Thread Size:

203 series - 1/4-28 tapered thread

204 series and larger - 1/8-27 NPT



Series	Shaft Size	Standard		No-Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
203	1/2	<b>125524</b>	F4B-VSC-008	@	F4B-VSC-008-NL
	5/8	<b>125525</b>	F4B-VSC-010	@	F4B-VSC-010-NL
	17mm	<b>125694</b>	F4B-VSC-17M	@	F4B-VSC-17MNL
204	3/4	<b>123625</b>	F4B-VSC-012	@	F4B-VSC-012-NL
	20mm	<b>125695</b>	F4B-VSC-20M	@	F4B-VSC-20M-NL
205	7/8	<b>125526</b>	F4B-VSC-014	@	F4B-VSC-014-NL
	15/16	<b>125527</b>	F4B-VSC-015	@	F4B-VSC-015-NL
	1	<b>123626</b>	F4B-VSC-100	<b>062509</b>	F4B-VSC-100-NL
	25mm	<b>125696</b>	F4B-VSC-25M	@	F4B-VSC-25M-NL
206	1-1/8	<b>125528</b>	F4B-VSC-102	@	F4B-VSC-102-NL
	1-3/16	<b>123627</b>	F4B-VSC-103	@	F4B-VSC-103-NL
	1-1/4	<b>123634</b>	F4B-VSC-104S	@	F4B-VSC-104S-NL
	30mm	<b>125697</b>	F4B-VSC-30M	@	F4B-VSC-30M-NL
207	1-1/4	<b>123628</b>	F4B-VSC-104	<b>051891</b>	F4B-VSC-104-NL
	1-3/8	<b>125529</b>	F4B-VSC-106	@	F4B-VSC-106-NL
	1-7/16	<b>123629</b>	F4B-VSC-107	<b>050844</b>	F4B-VSC-107-NL
	35mm	<b>125698</b>	F4B-VSC-40M	@	F4B-VSC-40M-NL
208	1-1/2	<b>123630</b>	F4B-VSC-108	<b>051892</b>	F4B-VSC-108-NL
	40mm	<b>125699</b>	F4B-VSC-40M	@	F4B-VSC-40M-NL
209	1-11/16	<b>125530</b>	F4B-VSC-111	<b>050836</b>	F4B-VSC-111-NL
	1-3/4	<b>125531</b>	F4B-VSC-112	@	F4B-VSC-112-NL
	45mm	<b>125700</b>	F4B-VSC-45M	@	F4B-VSC-45M-NL
210	1-15/16	<b>123631</b>	F4B-VSC-115	@	F4B-VSC-115-NL
	2	<b>123632</b>	F4B-VSC-200	@	F4B-VSC-200-NL
	50mm	<b>125701</b>	F4B-VSC-50M	@	F4B-VSC-50M-NL
211	2	<b>123652</b>	F4B-VSC-200L	@	F4B-VSC-200L-NL
	2-3/16	<b>123633</b>	F4B-VSC-203	@	F4B-VSC-203-NL
	55mm	<b>125702</b>	F4B-VSC-55M	@	F4B-VSC-55M-NL

@Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC INTERMEDIATE DUTY 4-BOLT FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kg	A	B	C	D	F Bolt Dia.	H	J	L	N
203	1/2	1.08	15/16	3	1-3/16	2-1/8	3/8	7/16	11/32	31/32	1-11/16
	5/8 17mm	1.00 0.48	23.8	76.2	30.2	54.0	M10	11.1	8.7	24.6	42.9
204	3/4	1.50	1-1/16	3-3/8	1-3/8	2-1/2	3/8	7/16	25/64	1-1/8	1-15/16
	20mm	0.67	27.0	85.7	34.9	63.5	M10	11.1	9.9	28.6	49.2
205	7/8	1.98	1-3/32	3-3/4	1-23/64	2-3/4	7/16	1/2	25/64	1-21/64	2-1/16
	15/16	1.86									
	1 25mm	1.62 0.84	27.8	95.3	34.5	69.9	M10	12.7	9.9	33.7	52.4
206	1-1/8	2.78	1-19/64	4-1/4	1-17/32	3-1/4	7/16	1/2	15/32	1-37/64	2-3/16
	1-3/16	2.68									
	1-1/4 30mm	2.50 1.19	32.9	108.0	38.9	82.6	M10	12.7	11.9	40.1	55.6
207	1-1/4	3.50	1-7/16	4-3/4	1-3/4	3-5/8	1/2	9/16	17/32	1-27/32	2-7/16
	1-3/8	2.88									
	1-7/16 35mm	2.50 1.28	36.5	120.7	44.5	92.1	M12	14.3	13.5	46.8	61.9
208	1-1/2	4.50	1-9/16	5-1/8	1-7/8	4	1/2	9/16	17/32	2-3/64	2-3/8
	40mm	2.00	39.7	130.2	47.6	101.6	M12	14.3	13.5	52.0	60.3
209	1-11/16	5.45	1-19/32	5-3/8	1-15/16	4-1/8	1/2	5/8	17/32	2-7/32	2-3/4
	1-3/4 45mm	5.35 2.42	40.5	136.5	49.2	104.8	M14	15.9	13.5	56.4	69.9
210	1-15/16	6.25	1-5/8	5-5/8	2	4-3/8	1/2	5/8	17/32	2-7/16	2-7/8
	2 50mm	6.00 2.33	41.3	142.9	50.8	111.1	M16	15.9	13.5	61.9	73.0
211	2	9.28	1-23/32	6-1/2	2-5/32	5-1/8	5/8	11/16	9/16	2-23/32	3-1/4
	2-3/16 55mm	9.00 4.12	43.7	165.1	54.8	130.2	M16	17.5	14.3	69.1	82.6

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

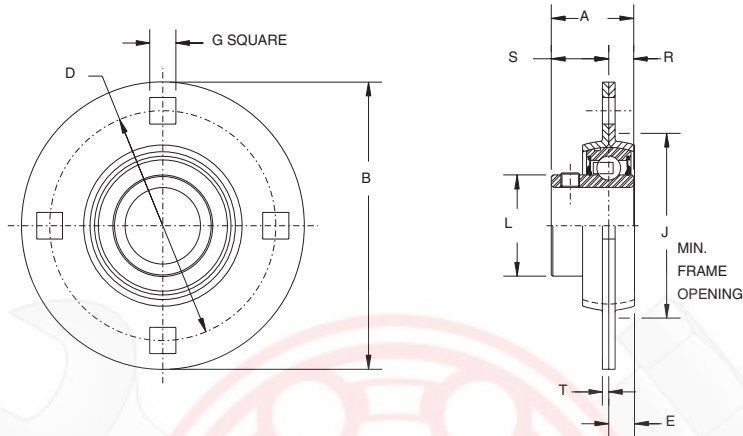
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY 4-BOLT FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
208	1-1/2 40mm	<b>128088</b> @	F4B-SL-108 F4B-SL-40M
210	1-15/16 2 50mm	<b>128089</b> <b>128090</b> @	F4B-SL-115 F4B-SL-200 F4B-SL-50M
211	2 2-3/16 55mm	<b>128182</b> <b>128091</b> @	F4B-SL-200L F4B-SL-203 F4B-SL-55M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SL LIGHT DUTY 4-BOLT FLANGE BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	A	B	D	E	G*	J	L	R	S	T	Housing Radial Load Rating (lbs)
208	1-1/2	2.64	1-9/16	5-13/16	4-11/16	13/32	17/32	3-9/16	2-3/64	15/32	13/32	0.134	1,700
	40mm	1.15	39.7	147.6	119.1	10.3	13.5	1.55	52.0	11.3	27.8	3.4	7,556
210	1-15/16	2.95	1-5/8	6-1/8	5	7/16	17/32	4	2-7/16	15/32	1-5/32	0.149	1,900
	2 50mm	2.86 1.28	41.3	155.6	127.0	11.1	13.5	1.74	61.9	11.3	29.4	3.8	8,444
211	2	3.73	1-23/32	6-9/16	5-7/16	15/32	17/32	4-7/16	2-23/32	1/2	1-7/32	0.149	2,300
	2-3/16 55mm	3.63 1.62	43.7	166.7	138.1	11.9	13.5	1.93	69.1	12.7	31.0	3.8	10,222

\* Mounting bolt holes will accept either carriage or machine bolts.

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Bearing Quick Reference

E-Z KLEEN

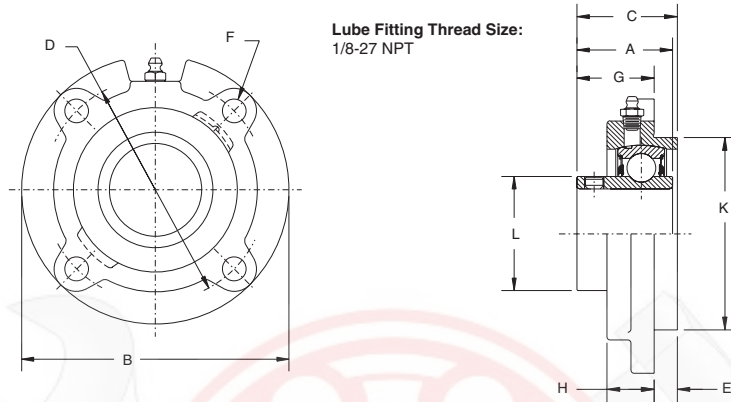
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY PILOTED FLANGE BEARINGS



Series	Shaft Size	Part No.	Description
206	1-1/16	<b>124578</b>	FC-SC-101
	1-1/8	<b>124582</b>	FC-SC-102
	1-3/16	<b>124579</b>	FC-SC-103
	1-1/4	<b>124587</b>	FC-SC-104S
	30mm	<b>125865</b>	FC-SC-30M
207	1-1/4	<b>124224</b>	FC-SC-104
	1-5/16	<b>124237</b>	FC-SC-105
	1-3/8	<b>124235</b>	FC-SC-106
	1-7/16	<b>124236</b>	FC-SC-107
	35mm	<b>125866</b>	FC-SC-35M
208	1-1/2	<b>124225</b>	FC-SC-108
	1-5/8	<b>124226</b>	FC-SC-110
	40mm	<b>125867</b>	FC-SC-40M
209	1-5/8	@	FC-SC-110L
	1-11/16	<b>124227</b>	FC-SC-111
	1-3/4	<b>124228</b>	FC-SC-112
	45mm	<b>125868</b>	FC-SC-45M
210	1-15/16	<b>124229</b>	FC-SC-115
	2	<b>124230</b>	FC-SC-200
	50mm	<b>125869</b>	FC-SC-50M
211	2	<b>126175</b>	FC-SCM-200
	2-3/16	<b>124231</b>	FC-SC-203
	2-1/4	<b>124232</b>	FC-SC-204
	55mm	<b>125870</b>	FC-SC-55M
212	2-1/4	<b>126177</b>	FC-SCM-204
	2-7/16	<b>124233</b>	FC-SC-207
	60mm	<b>125871</b>	FC-SC-60M
214	2-1/2	<b>126179</b>	FC-SCM-208
	2-11/16	<b>124729</b>	FC-SC-211
	70mm	<b>125872</b>	FC-SC-70M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY PILOTED FLANGE BEARINGS

Series	Shaft Size	Weight - lbs. kgs.	A	B	C	D	D	E	F Bolt Dia.	G	H	K*	L
206	1-1/16	3.2	1-25/64	4-3/8	1-1/2	3-5/8	3-5/8	1/4	3/8	1-1/4	13/16	3	1-37/64
	1-1/8	3.1											
	1-3/16	3.0											
	1-1/4	2.9											
	30mm	1.3	35.3	111.1	38.1	92.1	92.1	6.4	M10	31.8	20.6	76.2	40.1
207	1-1/4	4.2	1-17/32	5	1-49/64	4-1/8	4-1/8	3/8	3/8	1-25/64	27/32	3-3/8	1-27/32
	1-5/16	4.1											
	1-3/8	4.0											
	1-7/16	3.9											
	35mm	1.8	38.9	127.0	44.8	104.8	104.8	9.5	M10	35.3	21.4	85.7	46.8
208	1-1/2	4.6	1-11/16	5-1/4	1-57/64	4-3/8	4-3/8	7/16	7/16	1-29/64	57/64	3-5/8	2-3/64
	1-5/8	4.5											
	40mm	2.0	42.9	133.4	48.0	111.1	111.1	11.1	M12	36.9	22.6	92.1	52.0
209	1-5/8	5.6	1-23/32	5-3/4	1-57/64	4-3/4	4-3/4	7/16	1/2	1-29/64	29/32	4	2-7/32
	1-11/16	5.5											
	1-3/4	5.4											
	45mm	2.4	43.7	146.1	48.0	120.7	120.7	11.1	M12	36.9	23.0	101.6	56.4
210	1-15/16	6.4	1-3/4	6-1/8	1-61/64	5-1/8	5-1/8	15/32	1/2	1-31/64	59/64	4-1/4	2-7/16
	2	6.3											
	50mm	2.9	44.5	155.6	49.6	130.2	130.2	11.9	M12	37.7	23.5	108.0	61.9
211	2	7.3	1-27/32	6-3/8	2-7/32	5-3/8	5-3/8	5/8	1/2	1-19/32	1	4-1/2	2-23/32
	2-3/16	7.2											
	2-1/4	7.1											
	55mm	3.3	46.8	161.9	56.4	136.5	136.5	15.9	M12	40.5	25.4	114.3	69.1
212	2-1/4	9.6	1-63/64	7-1/8	2-29/64	6	6	7/8	1/2	1-37/64	1	5	2-31/32
	2-7/16	9.5											
	60mm	4.3	50.4	181.0	62.3	152.40	152.40	22.2	M12	40.1	25.4	127.0	75.4
214	2-1/2	13.0	2-15/64	7-5/8	2-49/64	6-1/2	6-1/2	1-1/8	1/2	1-41/64	1-1/16	5-1/2	3-5/16
	2-11/16	12.9											
	70mm	5.5	56.8	193.7	70.2	165.1	165.1	28.6	M12	41.7	27.0	139.7	84.1

\*+0.000, -0.002," \* +0.00 -0.05mm

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing





Bearing Quick Reference

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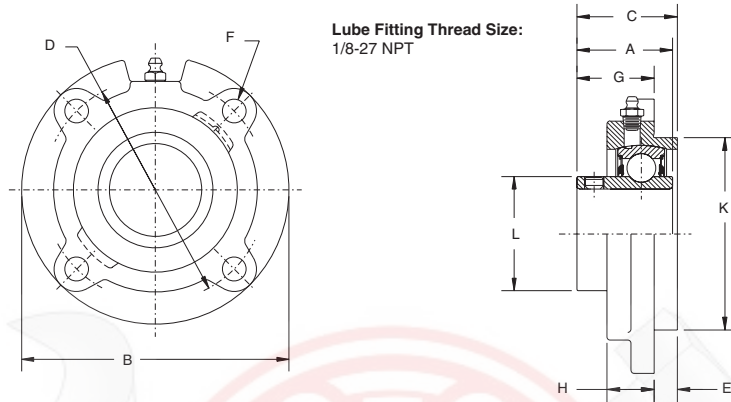
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY PILOTED FLANGE BEARINGS



Lube Fitting Thread Size:  
1/8-27 NPT

Series	Shaft Size	Part No.	Description
206	1	<b>126167</b>	FC-SCM-100
	25mm	<b>125940</b>	FC-SCM-25M
207	1-3/16	<b>126168</b>	FC-SCM-103
	1-1/4	<b>124224</b>	FC-SC-104
	30mm	<b>125941</b>	FC-SCM-30M
208	1-7/16	<b>126170</b>	FC-SCM-107
	1-1/2	<b>126171</b>	FC-SCM-108
	35mm	<b>125942</b>	FC-SCM-35M
209	1-1/2	<b>056492</b>	FC-SCM-108L
	1-5/8	@	FC-SC-110L
	40mm	<b>125943</b>	FC-SCM-40M
210	1-11/16	<b>126172</b>	FC-SCM-111
	1-3/4	<b>126173</b>	FC-SCM-112
	45mm	<b>125944</b>	FC-SCM-45M
211	1-15/16	<b>126174</b>	FC-SCM-115
	2	<b>126175</b>	FC-SCM-200
	50mm	<b>125945</b>	FC-SCM-50M
212	2-3/16	<b>126176</b>	FC-SCM-203
	2-1/4	<b>126177</b>	FC-SCM-204
	55mm	<b>125946</b>	FC-SCM-55M
214	2-7/16	<b>126178</b>	FC-SCM-207
	2-1/2	<b>126179</b>	FC-SCM-208
	65mm	<b>125947</b>	FC-SCM-65M
216	2-15/16	<b>126180</b>	FC-SCM-215
	3	<b>126182</b>	FC-SCM-300
	75mm	<b>125948</b>	FC-SCM-75M
218	3-7/16	<b>126183</b>	FC-SCM-307
	3-1/2	<b>126184</b>	FC-SCM-308
	85mm	<b>125949</b>	FC-SCM-85M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY PILOTED FLANGE BEARINGS

Series	Shaft Size	Weight lbs. kgs.	A	B	C	D	E	F Bolt Dia.	G	H	K*	L
206	1	3.3	1-25/64	4-3/8	1-1/2	3-5/8	1/4	3/8	1-1/4	13/16	3	1-37/64
	25mm	1.4	35.3	111.1	38.1	92.1	6.4	M10	31.8	20.6	76.2	40.1
207	1-3/16	4.2	1-17/32	5	1-49/64	4-1/8	3/8	3/8	1-25/64	27/32	3-3/8	1-27/32
	1-1/4 30mm	4.2 1.9	38.9	127.0	44.8	104.8	9.5	M10	35.3	21.4	85.7	46.8
208	1-7/16	4.8	1-11/16	5-1/4	1-57/64	4-3/8	7/16	7/16	1-29/64	57/64	3-5/8	2-3/64
	1-1/2 35mm	4.6 2.1	42.9	133.4	48.0	111.1	11.1	M12	36.9	22.6	92.1	52.0
209	1-1/2	5.6	1-23/32	5-3/4	1-57/64	4-3/4	7/16	1/2	1-29/64	29/32	4	2-7/32
	1-5/8 40mm	5.6 2.5	43.7	146.1	48.0	120.7	11.1	M12	36.9	23.0	101.6	56.4
210	1-11/16	6.4	1-3/4	6-1/8	1-61/64	5-1/8	15/32	1/2	1-31/64	59/64	4-1/4	2-7/16
	1-3/4 45mm	6.3 2.9	44.5	155.6	49.6	130.2	11.9	M12	37.7	23.4	108.0	61.9
211	1-15/16	7.6	1-27/32	6-3/8	2-7/32	5-3/8	5/8	1/2	1-19/32	1	4-1/2	2-23/32
	2 50mm	7.4 3.4	46.8	161.9	56.4	136.5	15.9	M12	40.5	25.4	114.3	69.1
212	2-3/16	9.5	1-63/64	7-1/8	2-29/64	6	7/8	1/2	1-37/64	1	5	2-31/32
	2-1/4 55mm	9.8 4.4	50.4	181.0	62.3	152.4	22.2	M12	40.1	25.4	127.0	75.4
214	2-7/16	13.2	2-15/64	7-5/8	2-49/64	6-1/2	1-1/8	1/2	1-41/64	1-1/16	5-1/2	3-5/16
	2-1/2 65mm	13.0 5.9	56.8	193.7	70.2	165.1	28.6	M12	41.7	27.0	139.7	84.1
216	2-15/16	18.8	2-11/64	8-3/4	3-1/32	7-1/2	1-1/4	5/8	1-25/32	1-3/16	6-3/8	3-53/64
	3 75mm	18.6 8.5	57.9	222.3	77.0	190.5	31.8	M16	45.2	30.2	161.9	92.1
218	3-7/16	28.7	2-31/64	10-1/4	3-19/64	8-5/8	1-1/8	3/4	2-11/64	1-5/8	7-3/8	4-23/64
	3-1/2 85mm	28.5 13.5	63.1	260.4	83.7	219.1	34.9	M18	55.2	41.3	187.3	110.7

\* +.000-.002", +0.00 -0.05mm

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Bearing Quick Reference

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GRIP TIGHT Adapter Ball Bearing

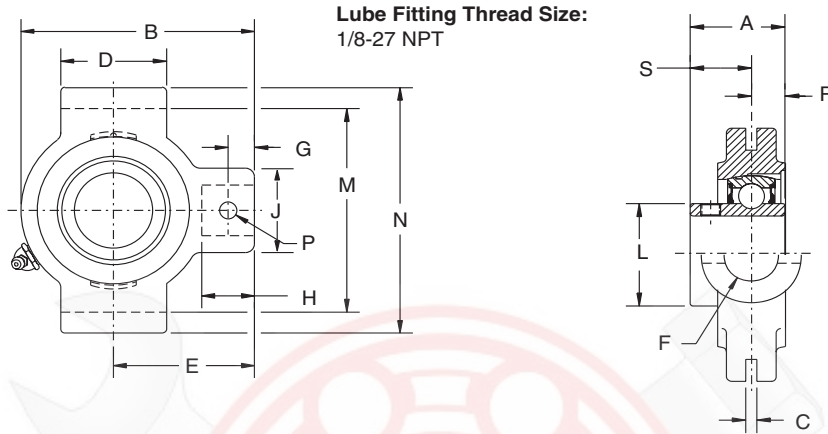
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
204	1/2	<b>125328</b>	NSTU-SC-008	@	NSTU-SC-008-NL
	5/8	<b>125329</b>	NSTU-SC-010	@	NSTU-SC-010-NL
	3/4	<b>125050</b>	NSTU-SC-012	@	NSTU-SC-012-NL
	20mm	<b>125900</b>	NSTU-SC-20M	@	NSTU-SC-20M-NL
205	7/8	<b>125365</b>	NSTU-SC-014	@	NSTU-SC-014-NL
	15/16	<b>125051</b>	NSTU-SC-015	@	NSTU-SC-015-NL
	1	<b>125052</b>	NSTU-SC-100	<b>125054</b>	NSTU-SC-100-NL
	25mm	<b>125901</b>	NSTU-SC-25M	@	NSTU-SC-25M-NL
206	1-1/16	<b>125366</b>	NSTU-SC-101	@	NSTU-SC-101-NL
	1-1/8	<b>125367</b>	NSTU-SC-102	@	NSTU-SC-102-NL
	1-3/16	<b>125153</b>	NSTU-SC-103	<b>052194</b>	NSTU-SC-103-NL
	1-1/4	<b>123174</b>	NSTU-SC-104S	@	NSTU-SC-104S-NL
207	30mm	<b>125902</b>	NSTU-SC-30M	@	NSTU-SC-30M-NL
	1-1/4	<b>125154</b>	NSTU-SC-104	<b>058897</b>	NSTU-SC-104-NL
	1-5/16	<b>125368</b>	NSTU-SC-105	@	NSTU-SC-105-NL
	1-3/8	<b>125369</b>	NSTU-SC-106	<b>125378</b>	NSTU-SC-106-NL
	1-7/16	<b>125155</b>	NSTU-SC-107	<b>052199</b>	NSTU-SC-107-NL
35mm	<b>125903</b>	NSTU-SC-35M	@	NSTU-SC-35M-NL	

@ Assembled to order  
See B15-9 for Take-Up Frames

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C *	D	E	F Screw Dia	G	H	J	L	M #	N	P Pin Dia	R	S
204	1/2	1.6	NS210	1-5/32	3-1/2	1/4	1-1/2	2-3/16	3/4	7/16	7/8	1-3/8	1-1/8	2-5/8	3-1/8	5/16	27/64	47/64
	5/8	1.5																
	3/4	1.4																
	20mm	0.8																
205	7/8	1.7	NS210	1-3/16	3-9/16	1/4	1-1/2	2-3/16	3/4	7/16	7/8	1-3/8	1-21/64	2-5/8	3-1/8	5/16	27/64	49/64
	15/16	1.6																
	1	1.5																
	25mm	0.7																
206	1-1/16	2.9	NS308	1-25/64	4-5/16	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-37/64	3-1/2	4-1/8	5/16	31/64	29/32
	1-1/8	2.8																
	1-3/16	2.7																
	1-1/4	2.6																
	30mm	1.2																
207	1-1/4	2.8	NS308	1-17/32	4-1/2	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-27/32	3-1/2	4-1/8	5/16	1/2	1-1/32
	1-5/16	2.7																
	1-3/8	2.6																
	1-7/16	2.5																
	35mm	1.2																

\*+ or -.015". + pr -.38mm

#+.010, -.020" +.25mm, -.50mm

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Bearing Quick Reference

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GRIP TIGHT Adapter Ball Bearing

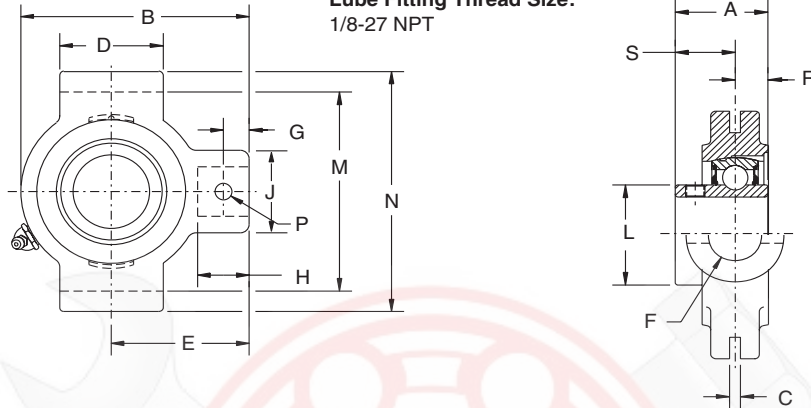
Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Lube Fitting Thread Size:  
1/8-27 NPT



Series	Shaft Size	Standard		Sealed For Life	
		Part No.	Description	Part No.	Description
208	1-1/2	<b>125156</b>	NSTU-SC-108	@	NSTU-SC-108-NL
	1-5/8	<b>125370</b>	NSTU-SC-110	@	NSTU-SC-110-NL
	40mm	<b>125904</b>	NSTU-SC-40M	@	NSTU-SC-40M-NL
209	1-5/8	@	NSTU-SC-110L	@	NSTU-SC-110L-NL
	1-11/16	<b>125157</b>	NSTU-SC-111	<b>052939</b>	NSTU-SC-111-NL
	1-3/4	<b>125371</b>	NSTU-SC-112	@	NSTU-SC-112-NL
	45mm	<b>125905</b>	NSTU-SC-45M	@	NSTU-SC-45M-NL
210	1-15/16	<b>125158</b>	NSTU-SC-115	<b>125159</b>	NSTU-SC-115-NL
	2	<b>125372</b>	NSTU-SC-200	@	NSTU-SC-200-NL
	50mm	<b>125906</b>	NSTU-SC-50M	@	NSTU-SC-50M-NL
211	2	<b>135171</b>	NSTU-SCM-200	@	NSTU-SCM-200-NL
	2-3/16	<b>125160</b>	NSTU-SC-203	@	NSTU-SC-203-NL
	2-1/4	<b>125373</b>	NSTU-SC-204	@	NSTU-SC-204-NL
	55mm	<b>125907</b>	NSTU-SC-55M	@	NSTU-SC-55M-NL
212	2-1/4	<b>135172</b>	NSTU-SCM-204	@	NSTU-SCM-204-NL
	2-7/16	<b>125162</b>	NSTU-SC-207	@	NSTU-SC-207-NL
	60mm	<b>125908</b>	NSTU-SC-60M	@	NSTU-SC-60M-NL

@ Assembled to order  
See B15-9 for Take-Up Frames

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SC NORMAL DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C *	D	E	F Screw Dia	G	H	J	L	M #	N	P Pin Dia	R	S
208	1-1/2	4.7	NS400	1-11/16	5-3/8	5/16	3	3-1/4	7/8	21/32	1-5/32	1-5/8	2-3/64	4	4-3/4	3/8	19/32	1-3/32
	1-5/8	4.6		42.9	136.5	7.9	76.2	82.6	22.2	16.7	29.4	41.3	52.0	101.6	120.7	9.5	15.1	27.8
	40mm	2.1																
209	1-5/8	4.9	NS400	1-23/32	5-7/16	5/16	3	3-1/4	7/8	23/32	1-7/32	1-5/8	2-7/32	4	4-3/4	3/8	19/32	1-1/8
	1-11/16	4.8		43.7	138.1	7.9	76.2	82.6	22.2	18.3	31.0	41.3	56.4	101.6	120.7	9.5	15.1	28.6
	1-3/4	4.7		45mm	2.1													
210	1-15/16	4.9	NS400	1-3/4	5-1/2	5/16	3	3-1/4	7/8	19/32	1-3/32	1-5/8	2-7/16	4	4-3/4	3/8	19/32	1-5/32
	2	4.8		44.5	139.7	7.9	76.2	82.6	22.2	15.1	27.8	41.3	61.9	101.6	120.7	9.5	15.1	29.4
	50mm	2.2																
211	2	6.8	NS407	1-27/32	6-1/8	5/16	3-1/2	3-5/8	1	11/16	1-9/32	1-3/4	2-23/32	4-7/16	5-3/8	7/16	5/8	1-7/32
	2-3/16	6.6		46.8	155.6	7.9	88.9	92.1	25.4	17.5	32.5	44.5	69.1	112.7	136.5	11.1	15.9	31.0
	2-1/4	6.5		55mm	3.0													
212	2-1/4	8.7	NS415	1-63/64	6-11/16	5/16	3-3/4	3-7/8	1	11/16	1-9/32	1-5/8	2-31/32	4-15/16	5-3/4	7/16	43/64	1-5/16
	2-7/16	8.4		50.4	169.9	7.9	95.3	98.4	25.4	17.5	32.5	41.3	75.4	125.4	146.1	11.1	17.1	33.3
	60mm	4.9																

\*+/- .015" +/- .38mm

#+.010, -.020" +.25mm, -.50mm

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Bearing Quick Reference

E-Z KLEEN

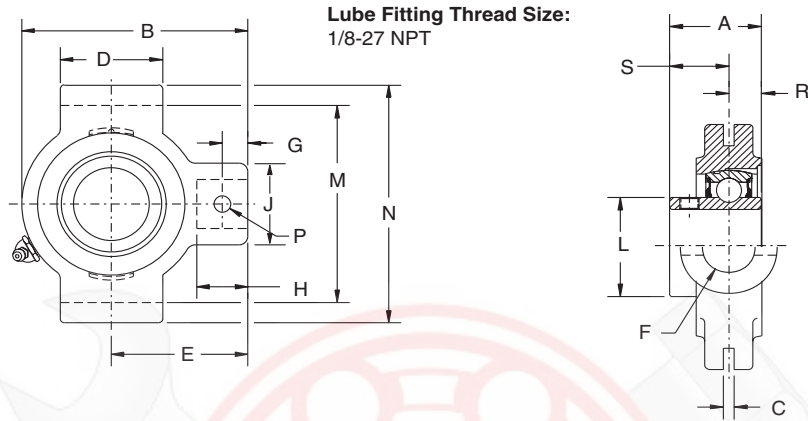
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
206	1	<b>135102</b>	NSTU-SCM-100
	25mm	<b>125980</b>	NSTU-SCM-25M
207	1-3/16	<b>135081</b>	NSTU-SCM-103
	1-1/4 30mm	<b>125154</b> <b>125981</b>	NSTU-SC-104 NSTU-SCM-30M
208	1-7/16	<b>135105</b>	NSTU-SCM-107
	35mm	<b>125982</b>	NSTU-SCM-35M
209	1-1/2	<b>135106</b>	NSTU-SCM-108
	1-5/8 40mm	<b>@</b> <b>125983</b>	NSTU-SC-110L NSTU-SCM-40M
210	1-11/16	<b>135107</b>	NSTU-SCM-111
	1-3/4 45mm	<b>135170</b> <b>125984</b>	NSTU-SCM-112 NSTU-SCM-45M
211	1-15/16	<b>135109</b>	NSTU-SCM-115
	2 50mm	<b>135171</b> <b>125985</b>	NSTU-SCM-200 NSTU-SCM-50M
212	2-3/16	<b>135111</b>	NSTU-SCM-203
	2-1/4 55mm	<b>135172</b> <b>125986</b>	NSTU-SCM-204 NSTU-SCM-55M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY NARROW SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G	H	J	L	M#	N	P Pin Dia.	R	S
206	1	3.0	NS308	1-25/64	4-5/16	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-37/64	3-1/2	4-1/8	5/16	31/64	29/32
	25mm	1.2		35.3	109.5	6.4	63.5	68.3	19.1	12.7	23.8	34.9	40.1	88.9	104.8	7.9	12.3	23.0
207	1-3/16	2.9	NS308	1-17/32	4-1/2	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-27/32	3-1/2	4-1/8	5/16	1/2	1-1/32
	1-1/4 30mm	2.8 1.3		38.9	114.3	6.4	63.5	68.3	19.1	12.7	23.8	34.9	46.8	88.9	104.8	7.9	12.7	26.2
208	1-7/16	4.7	NS400	1-11/16	5-3/8	5/16	3	3-1/4	7/8	21/32	1-5/32	1-5/8	2-3/64	4	4-3/4	3/8	19/32	1-3/32
	35mm	2.2		42.9	136.5	7.9	76.2	82.6	22.2	16.7	29.4	41.3	52.0	101.60	120.7	9.5	15.1	27.8
209	1-1/2	5.0	NS400	1-23/32	5-7/16	5/16	3	3-1/4	7/8	23/32	1-7/32	1-5/8	2-7/32	4	4-3/4	3/8	19/32	1-1/8
	1-5/8 40mm	4.9 2.3		43.7	138.1	7.9	76.2	82.6	22.2	18.3	31.0	41.3	56.4	101.60	120.7	9.5	15.1	28.6
210	1-11/16	5.3	NS400	1-3/4	5-1/2	5/16	3	3-1/4	7/8	19/32	1-3/32	1-5/8	2-7/16	4	4-3/4	3/8	19/32	1-5/32
	1-3/4 45mm	5.2 2.4		44.5	139.7	7.9	76.2	82.6	22.2	15.1	27.8	41.3	61.9	101.60	120.7	9.5	15.1	29.4
211	1-15/16	7.0	NS407	1-27/32	6-1/8	5/16	3-1/2	3-5/8	1	11/16	1-9/32	1-3/4	2-23/32	4-7/16	5-3/8	7/16	5/8	1-7/32
	2 50mm	6.8 3.2		46.8	155.6	7.9	88.9	92.1	25.4	17.5	32.5	44.5	69.1	112.7	136.5	11.1	15.9	31.0
212	2-3/16	8.9	NS415	1-63/64	6-11/16	5/16	3-3/4	3-7/8	1	11/16	1-9/32	1-5/8	2-31/32	4-15/16	5-3/4	7/16	43/64	1-5/16
	2-1/4 55mm	8.7 4.0		50.4	169.9	7.9	95.3	98.4	25.4	17.5	32.5	41.3	75.4	125.4	146.1	11.1	17.1	33.3

#+ or -.015", + or -.38mm"

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

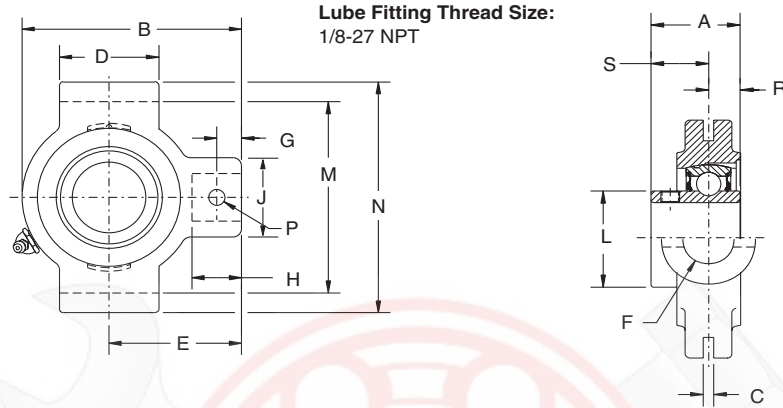
Eccentric Collar Ball Bearing





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC INTERMEDIATE DUTY NARROW SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
204	3/4 20mm	<b>125533</b> @	NSTU-VSC-012 NSTU-VSC-20M
205	7/8	<b>125534</b>	NSTU-VSC-014
	15/16	<b>125535</b>	NSTU-VSC-015
	1 25mm	<b>125536</b> @	NSTU-VSC-100 NSTU-VSC-25M
206	1-1/8	<b>125537</b>	NSTU-VSC-102
	1-3/16	<b>125538</b>	NSTU-VSC-103
	1-1/4 30mm	<b>125540</b> @	NSTU-VSC-104S NSTU-VSC-30M
	1-1/4	<b>125539</b>	NSTU-VSC-104
207	1-3/8	<b>125541</b>	NSTU-VSC-106
	1-7/16 35mm	<b>123680</b> @	NSTU-VSC-107 NSTU-VSC-35M
	1-1/2 40mm	<b>125542</b> @	NSTU-VSC-108 NSTU-VSC-40M
209	1-11/16	<b>125543</b>	NSTU-VSC-111
	1-3/4 45mm	<b>125544</b> @	NSTU-VSC-112 NSTU-VSC-45M
	1-15/16	<b>125545</b>	NSTU-VSC-115
210	2 50mm	<b>125546</b> @	NSTU-VSC-200 NSTU-VSC-50M
	2	<b>125547</b>	NSTU-VSC-200
211	2-3/16	<b>125548</b>	NSTU-VSC-203
	55mm	@	NSTU-VSC-55M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY NARROW SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G	H	J	L	M#	N	P Pin Dia.	R	S
204	3/4	1.25	NS210	1-1/16	3-1/2	1/4	1-1/2	2-3/16	3/4	7/16	7/8	1-3/8	1-1/8	2-5/8	3-1/8	5/16	21/64	47/64
	20mm	0.58		27.0	88.9	6.4	38.1	55.6	19.1	11.1	22.2	34.9	28.6	66.7	79.4	7.9	8.3	18.7
205	7/8	1.68	NS210	1-3/32	3-9/16	1/4	1-1/2	2-3/16	3/4	7/16	7/8	1-3/8	1-21/64	2-5/8	3-1/8	5/16	21/64	49/64
	15/16	1.58		27.8	90.5	6.4	38.1	55.6	19.1	11.1	22.2	34.9	33.7	66.7	79.4	7.9	8.3	19.4
	1	1.48		27.8	90.5	6.4	38.1	55.6	19.1	11.1	22.2	34.9	33.7	66.7	79.4	7.9	8.3	19.4
206	25mm	0.73	NS308	1-19/64	4-5/16	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-37/64	3-1/2	4-1/8	5/16	25/64	29/32
	1-1/8	2.78		32.9	109.5	6.4	63.5	68.3	19.1	12.7	23.8	34.9	40.1	88.9	104.8	7.9	9.9	23.0
207	1-3/16	2.58	NS308	1-7/16	4-1/2	1/4	2-1/2	2-11/16	3/4	1/2	15/16	1-3/8	1-27/32	3-1/2	4-1/8	5/16	13/32	1-1/32
	1-1/4	2.48		36.5	114.3	6.4	63.5	68.3	19.1	12.7	23.8	34.9	46.8	88.9	104.8	7.9	10.3	26.2
208	30mm	1.19	NS400	1-9/16	5-3/8	5/16	3	3-1/4	7/8	21/32	1-5/32	1-5/8	2-3/64	4	4-3/4	3/8	15/32	1-3/32
	1-1/4	2.78		39.7	136.5	7.9	76.2	82.6	22.2	16.7	29.4	41.3	52.0	101.6	120.7	9.5	11.9	27.8
209	1-7/16	2.48	NS400	1-19/32	5-7/16	5/16	3	3-1/4	7/8	23/32	1-7/32	1-5/8	2-7/32	4	4-3/4	3/8	15/32	1-1/8
	35mm	1.19		40.5	138.1	7.9	76.2	82.6	22.2	18.3	31.0	41.3	56.4	101.6	120.7	9.5	11.9	28.6
210	1-1/8	2.78	NS400	1-5/8	5-1/2	5/16	3	3-1/4	7/8	19/32	1-3/32	1-5/8	2-7/16	4	4-3/4	3/8	15/32	1-5/32
	1-3/8	2.58		41.3	139.7	7.9	76.2	82.6	22.2	115.1	27.8	41.3	61.9	101.6	120.7	9.5	11.9	29.4
211	1-3/4	4.68	NS407	1-23/32	6-1/8	5/16	3-1/2	3-5/8	1	11/16	1-9/32	1-3/4	2-23/32	4-7/16	5-3/8	7/16	1/2	1-7/32
	45mm	2.20		43.7	155.6	7.9	88.9	92.1	25.4	17.5	32.5	44.5	69.1	112.7	136.5	11.1	12.7	31.0

\* + or -.015, + or -.38mm

#+.010, -.020" +.25mm, -.50mm

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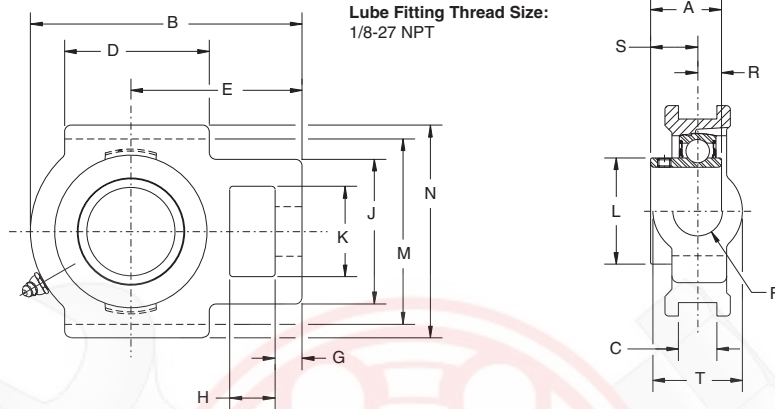
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
204	1/2	<b>125343</b>	WSTU-SC-008	@	WSTU-SC-008-NL
	5/8	<b>125344</b>	WSTU-SC-010	@	WSTU-SC-010-NL
	3/4	<b>125010</b>	WSTU-SC-012	@	WSTU-SC-012-NL
	20mm	<b>125910</b>	WSTU-SC-20M	@	WSTU-SC-20M-NL
205	7/8	<b>125356</b>	WSTU-SC-014	@	WSTU-SC-014-NL
	15/16	<b>125011</b>	WSTU-SC-015	@	WSTU-SC-015-NL
	1	<b>125012</b>	WSTU-SC-100	@	WSTU-SC-100-NL
	25mm	<b>125911</b>	WSTU-SC-25M	@	WSTU-SC-25M-NL
206	1-1/16	<b>125357</b>	WSTU-SC-101	@	WSTU-SC-101-NL
	1-1/8	<b>125358</b>	WSTU-SC-102	@	WSTU-SC-102-NL
	1-3/16	<b>125113</b>	WSTU-SC-103	@	WSTU-SC-103-NL
	1-1/4	<b>123175</b>	WSTU-SC-104S	@	WSTU-SC-104S-NL
	30mm	<b>125912</b>	WSTU-SC-30M	@	WSTU-SC-30M-NL
207	1-1/4	<b>125360</b>	WSTU-SC-104	@	WSTU-SC-104-NL
	1-5/16	<b>125359</b>	WSTU-SC-105	@	WSTU-SC-105-NL
	1-3/8	<b>125361</b>	WSTU-SC-106	@	WSTU-SC-106-NL
	1-7/16	<b>125114</b>	WSTU-SC-107	<b>050846</b>	WSTU-SC-107-NL
	35mm	<b>125913</b>	WSTU-SC-35M	@	WSTU-SC-35M-NL
208	1-1/2	<b>125120</b>	WSTU-SC-108	<b>049829</b>	WSTU-SC-108-NL
	1-5/8	<b>125355</b>	WSTU-SC-110	@	WSTU-SC-110-NL
	40mm	<b>125914</b>	WSTU-SC-40M	@	WSTU-SC-40M-NL

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs kg	Take-Up Frame Size	A	B	C*	D	E	F Screw Dia.	G
204	1/2	2.1	WS300	1-5/32	3-11/16	17/32	2	2-3/8	5/8	3/8
	5/8	2.0		29.4	93.7	13.5	50.8	60.3	15.9	9.5
	3/4	1.9								
	20mm	0.9								
205	7/8	2.2	WS300	1-3/16	3-13/16	17/32	2	2-7/16	5/8	3/8
	15/16	2.1		30.2	96.8	13.5	50.8	61.9	15.9	9.5
	1	2.0								
	25mm	1.0								
206	1-1/16	3.1	WS308	1-25/64	4-3/8	17/32	2-1/4	2-3/4	3/4	3/8
	1-1/8	3.0		35.3	111.1	13.5	57.2	69.9	19.1	9.5
	1-3/16	2.9								
	1-1/4	2.8								
207	30mm	1.3								
	1-1/4	3.8	WS308	1-17/32	4-7/8	17/32	2-1/2	3-1/16	3/4	1/2
	1-5/16	3.7		38.9	123.8	13.5	63.5	77.8	19.1	12.7
	1-3/8	3.6								
1-7/16	3.5									
208	35mm	1.6								
	1-1/2	6.1	WS400	1-11/16	5-11/16	11/16	3-1/4	3-1/2	1	5/8
	1-5/8	6.0		42.9	144.5	17.5	82.6	88.9	25.4	15.9
40mm	2.8									

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
204	1/2	5/8	2	1-1/4	1-1/8	3	3-5/8	27/64	47/64	1-3/8
	5/8									
	20mm	15.9	50.8	31.8	28.6	76.2	92.1	10.7	18.7	34.9
205	7/8	5/8	2	1-5/16	1-21/64	3	3-5/8	27/64	49/64	1-3/8
	15/16									
	25mm	15.9	50.8	33.3	33.7	76.2	92.1	10.7	19.4	34.9
206	1-1/16	5/8	2-3/16	1-7/16	1-37/64	3-1/2	4-1/8	31/64	29/32	1-5/8
	1-1/8									
	1-3/16									
	1-1/4	15.9	55.6	36.5	40.1	88.9	104.8	12.3	23.0	41.3
207	30mm									
	1-1/4	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	1/2	1-1/32	1-5/8
	1-5/16									
	1-3/8									
208	1-7/16	15.9	63.5	36.5	46.8	88.9	104.8	12.7	26.2	41.3
	35mm									
	1-1/2	3/4	3-1/4	1-15/16	2-3/64	4	4-1/2	19/32	1-3/32	1-15/16
208	1-5/8									
	40mm	19.1	82.6	49.2	52.0	101.6	114.3	15.1	27.8	49.2

\*+ or -.015", + or -.38mm

# +.010, -.020" +.25mm, -.50mm

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

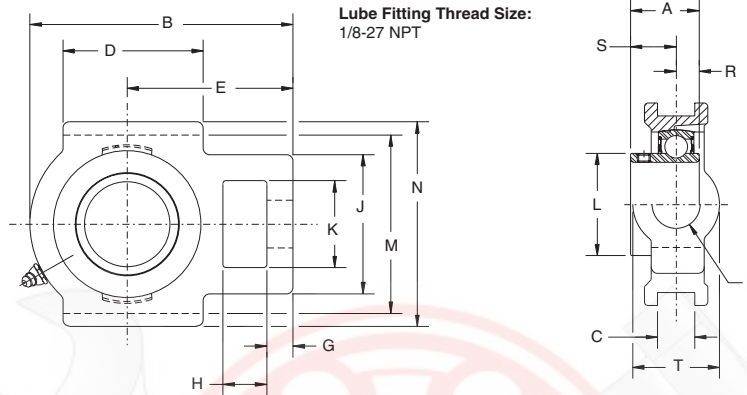
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Standard		No Lube/Sealed for Life (-NL)	
		Part No.	Description	Part No.	Description
209	1-5/8	<b>125151</b>	WSTU-SC-110L	@	WSTU-SC-110L-NL
	1-11/16	<b>125115</b>	WSTU-SC-111	@	WSTU-SC-111-NL
	1-3/4	<b>125362</b>	WSTU-SC-112	@	WSTU-SC-112-NL
	1-13/16	<b>125121</b>	WSTU-SC-113	@	WSTU-SC-113-NL
	45mm	<b>125915</b>	WSTU-SC-45M	@	WSTU-SC-45M-NL
210	1-15/16	<b>125116</b>	WSTU-SC-115	<b>125071</b>	WSTU-SC-115-NL
	2	<b>125363</b>	WSTU-SC-200	<b>058705</b>	WSTU-SC-200-NL
	50mm	<b>125916</b>	WSTU-SC-50M	@	WSTU-SC-50M-NL
211	2	<b>135183</b>	WSTU-SCM-200	@	WSTU-SCM-200-NL
	2-3/16	<b>125117</b>	WSTU-SC-203	@	WSTU-SC-203-NL
	2-1/4	<b>125364</b>	WSTU-SC-204	@	WSTU-SC-204-NL
	55mm	<b>125917</b>	WSTU-SC-55M	@	WSTU-SC-55M-NL
212	2-1/4	<b>135184</b>	WSTU-SCM-204	@	WSTU-SCM-204-NL
	2-7/16	<b>125118</b>	WSTU-SC-207	@	WSTU-SC-207-NL
	60mm	<b>125918</b>	WSTU-SC-60M	@	WSTU-SC-60M-NL
214	2-1/2	<b>135185</b>	WSTU-SCM-208	@	WSTU-SCM-208-NL
	2-11/16	<b>064704</b>	WSTU-SC-211	@	WSTU-SC-211-NL
	70mm	<b>062975</b>	WSTU-SC-70M	@	WSTU-SC-70M-NL
215	2-15/16	<b>125119</b>	WSTU-SC-215	@	WSTU-SC-215-NL
	75mm	<b>125919</b>	WSTU-SC-75M	@	WSTU-SC-75M-NL

@ Assembled to order

FEATURES/BENEFITS PAGE B3-2	NOMENCLATURE PAGE B3-6	SELECTION PAGE B3-6	MODIFICATION/ACCESSORIES PAGE B3-132
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs kg	Take-Up Frame Size	A	B	C*	D	E	F Screw Dia.	G	
209	1-5/8	6.1	WS400	1-23/32	5-5/8	11/16	3-1/4	3-7/16	1	5/8	
	1-11/16	6.0									
	1-3/4	5.9									
	1-13/16	5.8									
	45mm	2.7			43.7	142.9	17.5	82.6	87.3	25.4	15.9
210	1-15/16	6.4	WS400	1-3/4	5-13/16	11/16	3-3/8	3-9/16	1	5/8	
	2	6.2									
	50mm	2.9			44.5	147.6	17.5	85.7	90.5	25.4	15.9
211	2	10.1	WS502	1-27/32	6-11/16	1-1/16	3-3/4	4-3/16	1-1/4	3/4	
	2-3/16	10.0									
	2-1/4	9.8									
	55mm	4.5			46.8	169.9	27.0	95.3	106.4	31.8	19.1
212	2-1/4	11.2	WS502	1-63/64	7-1/2	1-1/16	4	4-11/16	1-1/4	3/4	
	2-7/16	10.8									
	60mm	4.9			50.4	190.5	27.0	101.6	119.1	31.8	19.1
214	2-1/2	18.0	WS515	2-15/64	8-9/16	1-1/16	4-3/4	5-3/8	1-1/2	13/16	
	2-11/16	17.8									
	70mm	8.0			56.8	217.5	27.0	120.7	136.5	38.1	20.6
215	2-15/16	18.9	WS515	2-9/32	9-1/8	1-1/16	4-3/4	5-1/2	1-1/2	13/16	
	75mm	8.6			57.9	231.8	27.0	120.7	139.7	38.1	20.6

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
209	1-5/8	3/4	3-1/4	1-15/16	2-7/32	4	4-3/4	19/32	1-1/8	1-15/16
	1-11/16									
	1-3/4									
	1-13/16									
	45mm	19.1	82.6	49.2	56.4	101.6	120.7	15.1	28.6	49.2
210	1-15/16	3/4	3-1/4	1-15/16	2-7/16	4	4-3/4	19/32	1-5/32	1-15/16
	2									
	50mm	19.1	82.6	49.2	61.9	101.6	120.7	15.1	29.4	49.2
211	2	1	4	2-1/2	2-23/32	5-1/8	5-7/8	5/8	1-7/32	2-1/2
	2-3/16									
	2-1/4									
	55mm	25.4	101.6	63.5	69.1	130.2	149.2	15.9	31.0	63.5
212	2-1/4	1-1/4	4	2-1/2	2-31/32	5-1/8	5-7/8	43/64	1-5/16	2-1/2
	2-7/16									
	60mm	31.8	101.6	63.5	75.4	130.2	149.2	17.1	33.3	63.5
214	2-1/2	1-1/4	4-3/8	2-3/4	3-5/16	5-15/16	6-9/16	51/64	1-7/16	2-3/4
	2-11/16									
	70mm	31.8	111.1	69.9	84.1	150.8	166.7	20.2	36.5	69.9
215	2-15/16	1-1/4	4-3/8	2-3/4	3-5/8	5-15/16	6-11/16	13/16	1-15/32	2-3/4
	75mm	31.8	111.1	69.9	92.1	150.8	169.9	20.6	37.3	69.9

\*+ or -.015", + or -.38mm

#+.010, -.020" +.25mm, -.50mm

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

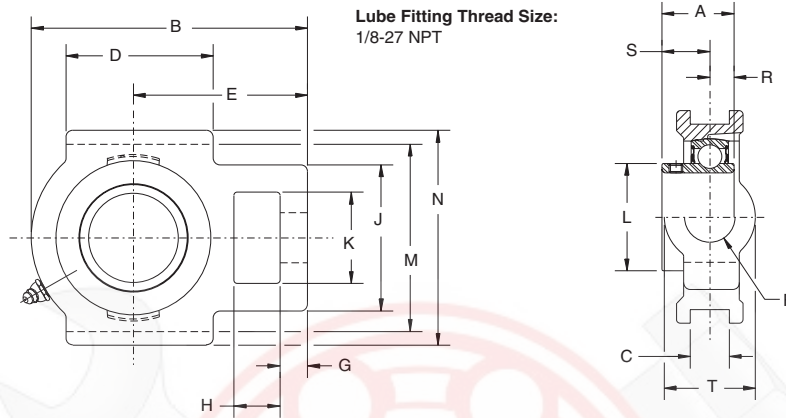
Setscrew Ball Bearing

Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
206	1	<b>135117</b>	WSTU-SCM-100
	25mm	<b>125989</b>	WSTU-SCM-25M
207	1-3/16	<b>135118</b>	WSTU-SCM-103
	1-1/4	<b>125360</b>	WSTU-SC-104
	30mm	<b>125990</b>	WSTU-SCM-30M
208	1-7/16	<b>135116</b>	WSTU-SCM-107
	35mm	<b>125991</b>	WSTU-SCM-35M
209	1-1/2	<b>135120</b>	WSTU-SCM-108
	40mm	<b>125992</b>	WSTU-SCM-40M
210	1-11/16	<b>135121</b>	WSTU-SCM-111
	1-3/4	<b>135182</b>	WSTU-SCM-112
	45mm	<b>125993</b>	WSTU-SCM-45M

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs. / kgs.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
206	1	2.9	WS308	1-25/64	4-3/8	17/32	2-1/4	2-3/4	3/4	3/8
	25mm	1.4		35.3	111.1	13.5	57.2	69.9	19.1	9.5
207	1-3/16	3.9	WS308	1-17/32	4-7/8	17/32	2-1/2	3-1/16	3/4	1/2
	1-1/4	3.8		38.9	123.8	13.5	63.5	77.8	19.1	12.7
	30mm	1.7								
208	1-7/16	6.1	WS400	1-11/16	5-11/16	11/16	3-1/4	3-1/2	1	5/8
	35mm	2.9		42.9	144.5	17.5	82.6	88.9	25.40	15.9
209	1-1/2	6.0	WS400	1-23/32	5-5/8	11/16	3-1/4	3-7/16	1	5/8
	40mm	2.8		43.7	142.9	17.5	82.6	87.3	25.40	15.9
210	1-11/16	6.5	WS400	1-3/4	5-13/16	11/16	3-3/8	3-9/16	1	5/8
	1-3/4	6.4		44.5	147.6	17.5	85.7	90.5	25.40	15.9
	45mm	3.0								

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
206	1	5/8	2-3/16	1-7/16	1-37/64	3-1/2	4-1/8	31/64	29/32	1-5/8
	25mm	15.9	55.6	36.5	40.1	88.9	104.8	12.3	23.0	41.3
207	1-3/16	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	1/2	1-1/32	1-5/8
	1-1/4									
	30mm	15.9	63.5	36.5	46.8	88.9	104.8	12.7	26.2	41.3
208	1-7/16	3/4	3-1/4	1-15/16	2-3/64	4	4-1/2	19/32	1-3/32	1-15/16
	35mm	19.1	82.6	49.2	52.0	101.6	114.3	15.1	27.8	49.2
209	1-1/2	3/4	3-1/4	1-15/16	2-7/32	4	4-3/4	19/32	1-1/8	1-15/16
	40mm	19.1	82.6	49.2	56.4	101.6	120.7	15.1	28.6	49.2
210	1-11/16	3/4	3-1/4	1-15/16	2-7/16	4	4-3/4	19/32	1-5/32	1-15/16
	1-3/4									
	45mm	19.1	82.6	49.2	61.9	101.6	20.7	15.1	29.4	49.2

\*+ or -.015, + or -.38mm

#+.010, -.020" +.25mm, -.50mm

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

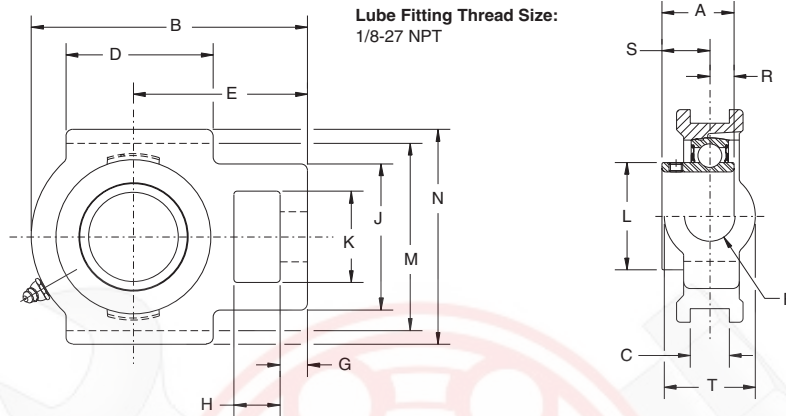
Eccentric Collar Ball Bearing





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
211	1-15/16	<b>135123</b>	WSTU-SCM-115
	2	<b>135183</b>	WSTU-SCM-200
	50mm	<b>125994</b>	WSTU-SCM-50M
212	2-3/16	<b>135125</b>	WSTU-SCM-203
	2-1/4	<b>135184</b>	WSTU-SCM-204
	55mm	<b>125995</b>	WSTU-SCM-55M
214	2-7/16	<b>135127</b>	WSTU-SCM-207
	2-1/2	<b>135185</b>	WSTU-SCM-208
	65mm	<b>125996</b>	WSTU-SCM-65M
215	2-11/16	<b>135129</b>	WSTU-SCM-211
	70mm	<b>125997</b>	WSTU-SCM-70M
216	2-15/16	<b>135130</b>	WSTU-SCM-215
	3	<b>135181</b>	WSTU-SCM-300
	75mm	<b>125998</b>	WSTU-SCM-75M



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs. kgs.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
211	1-15/16	10.1	WS502	1-27/32	6-11/16	1-1/16	3-3/4	4-3/16	1-1/4	3/4
	2	10.2		46.8	159.9	27.0	95.3	106.4	31.8	19.1
	50mm	4.7								
212	2-3/16	11.4	WS502	1-63/64	7-1/2	1-1/16	4	4-11/16	1-1/4	3/4
	2-1/4	11.2		50.4	190.5	27.0	101.60	119.1	31.8	19.1
	55mm	5.1								
214	2-7/16	18.2	WS515	2-15/64	8-9/16	1-1/16	4-3/4	5-3/8	1-1/2	13/16
	2-1/2	18.0		56.8	217.5	27.0	120.7	136.5	38.1	20.6
	65mm	8.1								
215	2-11/16	19.0	WS515	2-9/32	9-1/8	1-1/16	4-3/4	5-1/2	1-1/2	13/16
	70mm	8.9		57.9	231.8	27.0	120.7	139.7	38.1	20.6
216	2-15/16	21.7	WS608	2-11/64	9-1/8	1-1/16	4-3/4	5-1/2	1-1/2	13/16
	3	21.5		55.2	231.8	27.0	120.7	139.7	38.1	20.6
	75mm	9.5								

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
211	1-15/16	1	4	2-1/2	2-23/32	5-1/8	5-7/8	5/8	1-7/32	2-1/2
	2	25.4	101.6	63.5	69.1	130.2	149.2	15.9	31.0	63.5
	50mm									
212	2-3/16	1-1/4	4	2-1/2	2-31/32	5-1/8	5-7/8	43/64	1-5/16	2-1/2
	2-1/4	31.8	101.60	63.5	75.4	130.2	149.2	17.1	33.3	63.5
	55mm									
214	2-7/16	1-1/4	4-3/8	2-3/4	3-5/16	5-15/16	6-9/16	51/64	1-7/16	2-3/4
	2-1/2	31.8	111.1	69.9	84.1	150.8	166.7	20.2	36.5	69.9
	65mm									
215	2-11/16	1-1/4	4-3/8	2-3/4	3-5/8	5-15/16	6-11/16	13/16	1-15/32	2-3/4
	70mm	31.8	111.1	69.9	92.1	150.8	169.9	20.6	37.3	69.9
216	2-15/16	1-1/4	4-3/8	2-3/4	3-53/64	6-1/2	7-1/4	43/64	1-1/23	2-3/4
	3	31.8	111.1	69.9	97.2	165.1	184.2	17.1	8.1	69.9
	75mm									

\*+ or -.015, + or -.38mm

#+.010, -.020" +.25mm, -.50mm

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Bearing Quick Reference

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GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

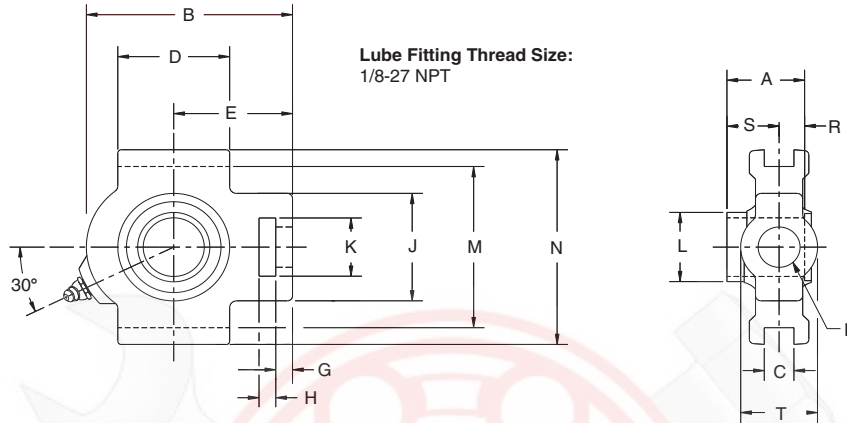
Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

#### VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
204	3/4	<b>125549</b>	WSTU-VSC-012
	20mm	@	WSTU-VSC-20M
205	7/8	<b>125550</b>	WSTU-VSC-014
	15/16	<b>125551</b>	WSTU-VSC-015
	1	<b>125552</b>	WSTU-VSC-100
	25mm	@	WSTU-VSC-25M
206	1-1/8	<b>125553</b>	WSTU-VSC-102
	1-3/16	<b>125554</b>	WSTU-VSC-103
	1-1/4	<b>125556</b>	WSTU-VSC-104S
	30mm	@	WSTU-VSC-30M
207	1-1/4	<b>125555</b>	WSTU-VSC-104
	1-3/8	<b>125557</b>	WSTU-VSC-106
	1-7/16	<b>125558</b>	WSTU-VSC-107
	35mm	@	WSTU-VSC-35M

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs. kg.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
204	3/4	1.9	WS300	1-1/16	3-11/16	17/32	2	2-3/8	5/8	3/8
	20mm	0.87		27.0	93.7	13.5	50.8	60.3	15.9	9.5
205	7/8	2.2	WS300	1-3/32	3-13/16	17/32	2	2-7/16	5/8	3/8
	15/16	2.1		27.8	96.8	13.5	50.8	61.9	15.9	9.5
	1	2.0		27.8	96.8	13.5	50.8	61.9	15.9	9.5
206	25mm	0.96	WS308	1-19/64	4-3/8	17/32	2-1/4	2-3/4	3/4	3/8
	1-1/8	3.0		32.9	111.1	13.5	57.2	69.9	19.1	9.5
	1-3/16	2.9		32.9	111.1	13.5	57.2	69.9	19.1	9.5
207	1-1/4	2.8	WS308	1-7/16	4-7/8	17/32	2-1/2	3-1/16	3/4	1/2
	1-1/4	3.8		36.5	123.8	13.5	63.5	77.8	19.1	12.7
	1-3/8	3.6		36.5	123.8	13.5	63.5	77.8	19.1	12.7
	1-7/16	3.5		36.5	123.8	13.5	63.5	77.8	19.1	12.7
35mm	1.65	36.5	123.8	13.5	63.5	77.8	19.1	12.7		

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
204	3/4	5/8	2	1-1/4	1-1/8	3	3-5/8	5/16	21/64	1-3/8
	20mm	15.9	50.8	31.8	28.6	76.2	92.1	7.9	8.3	34.9
205	7/8	5/8	2	1-5/16	1-21/64	3	3-5/8	5/16	21/64	1-3/8
	15/16	5/8	2	1-5/16	1-21/64	3	3-5/8	5/16	21/64	1-3/8
	1	5/8	2	1-5/16	1-21/64	3	3-5/8	5/16	21/64	1-3/8
206	25mm	15.9	50.8	33.3	33.7	76.2	92.1	7.9	8.3	34.9
	1-1/8	5/8	2-3/16	1-7/16	1-37/64	3-1/2	4-1/8	5/16	25/64	1-5/8
	1-3/16	5/8	2-3/16	1-7/16	1-37/64	3-1/2	4-1/8	5/16	25/64	1-5/8
207	1-1/4	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	5/16	13/32	1-5/8
	1-1/4	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	5/16	13/32	1-5/8
	1-3/8	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	5/16	13/32	1-5/8
	1-7/16	5/8	2-1/2	1-7/16	1-27/32	3-1/2	4-1/8	5/16	13/32	1-5/8
35mm	15.9	63.5	36.5	46.8	88.9	104.8	7.9	10.3	41.3	

\*+ or.015", + or -.38mm

# +.010, -.020" +.25, -.50mm

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

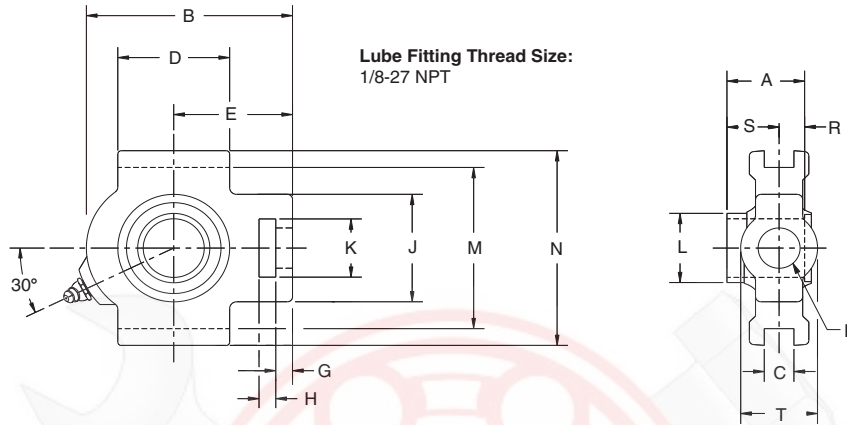
Eccentric Collar Ball Bearing



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

#### VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
208	1-1/2 40mm	<b>125559</b> @	WSTU-VSC-108 WSTU-VSC-40M
209	1-11/16 1-3/4 45mm	<b>125560</b> <b>125561</b> @	WSTU-VSC-111 WSTU-VSC-112 WSTU-VSC-45M
210	1-15/16 2 50mm	<b>125562</b> <b>125563</b> @	WSTU-VSC-115 WSTU-VSC-200 WSTU-VSC-50M
211	2 2-3/16 55mm	<b>125564</b> <b>125565</b> @	WSTU-VSC-200L WSTU-VSC-203 WSTU-VSC-55M

@ Assembled to order

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## SELECTION/DIMENSIONS\*

### Setscrew Ball Bearings

### VSC INTERMEDIATE DUTY WIDE SLOT TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kg.	Take-Up Frame No. Ref.	A	B	C*	D	E	F Screw Dia.	G
208	1-1/2	6.1	WS400	1-9/16	5-11/16	11/16	3-1/4	3-1/2	1	5/8
	40mm	2.80		39.7	144.5	17.5	82.6	88.9	25.4	15.9
209	1-11/16	6.0	WS400	1-19/32	5-5/8	11/16	3-1/4	3-7/16	1	5/8
	1-3/4	5.9		40.5	142.9	17.5	82.6	87.3	25.4	15.9
210	1-15/16	6.4	WS400	1-5/8	5-13/16	11/16	3-3/8	3-9/16	1	5/8
	2	6.2		41.3	147.6	17.5	85.7	90.5	25.4	15.9
211	50mm	2.94	WS502	1-23/32	6-11/16	1-1/16	3-3/4	4-3/16	1-1/4	3/4
	2	10.1		43.7	169.9	27.0	95.3	106.4	31.8	19.1

Series	Shaft Size	H	J	K	L	M#	N	R	S	T
208	1-1/2	3/4	3-1/4	1-15/16	2-3/64	4	4-1/2	3/8	15/32	1-15/16
	40mm	19.1	82.6	49.2	52.0	101.6	114.3	9.5	11.9	49.2
209	1-11/16	3/4	3-1/4	1-15/16	2-7/32	4	4-3/4	3/8	15/32	1-15/16
	1-3/4	19.1	82.6	49.2	56.4	101.6	120.7	9.5	11.9	49.2
210	1-15/16	3/4	3-1/4	1-15/16	2-7/16	4	4-3/4	3/8	15/32	1-15/16
	2	19.1	82.6	49.2	61.9	101.6	120.7	9.5	11.9	49.2
211	2	1	4	2-1/2	2-23/32	5-1/8	5-7/8	7/16	1/2	2-1/2
	2-3/16	25.4	101.6	63.5	69.1	130.2	149.2	11.1	12.7	63.5

\*+ or.015", + or -.38mm

# +.010, -.020" +.25, -.50mm

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

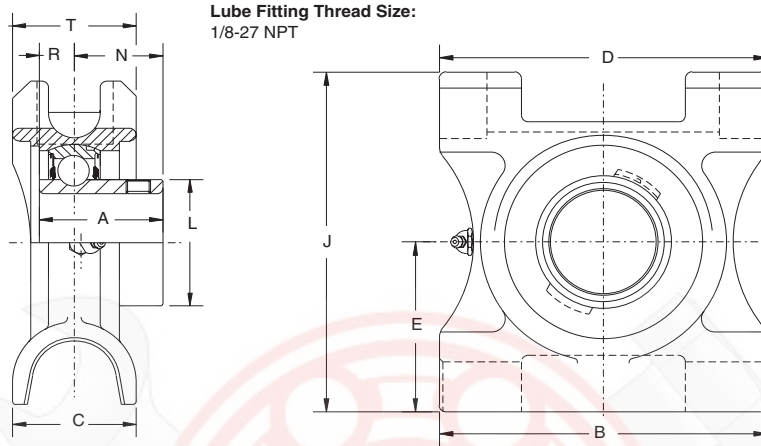
Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

#### TYPE G NORMAL DUTY TOP ANGLE TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
210	1-15/16	<b>012340</b>	TP-G-115
	2	<b>012302</b>	TP-G-200
211	2	<b>136081</b>	TP-GM-200
	2-3/16	<b>012341</b>	TP-G-203
	2-1/4	<b>012303</b>	TP-G-204
212	2-1/4	<b>136082</b>	TP-GM-204
	2-7/16	<b>012342</b>	TP-G-207
214	2-1/2	<b>136083</b>	TP-GM-208
	2-11/15	@	TP-G-211
215	2-15/16	<b>012343</b>	TP-G-215

@ Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

#### TYPE G NORMAL DUTY TOP ANGLE TAKE-UP BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs.	Frame Size	A	B	C	D	E	J	L	N	R	T
210	1-15/16	10.2	TP10	1-3/4	6-1/2	2-3/8	6	3-1/4	6-3/8	2-7/16	1-5/32	19/32	2-3/8
	2	10.0											
211	2	12.5	TP20	1-27/32	7	2-1/2	6-3/4	3-3/8	6-7/8	2-23/32	1-7/32	5/8	2-3/8
	2-3/16	12.4											
212	2-1/4	16.0	TP30	1-63/64	7-1/2	2-3/4	7	3-1/2	7-7/16	2-31/32	1-5/16	43/64	2-3/4
	2-7/16	15.9											
214	2-1/2	21.3	TP40	2-15/64	8-1/2	2-1/2	8	4	8-15/16	3-5/16	1-7/16	51-64	2-3/4
	2-11/15	21.1											
215	2-15/16	21.2	TP40	2-9/64	8-1/2	2-1/2	8	4	8-5/16	3-5/8	1-15/32	13/16	2-3/4

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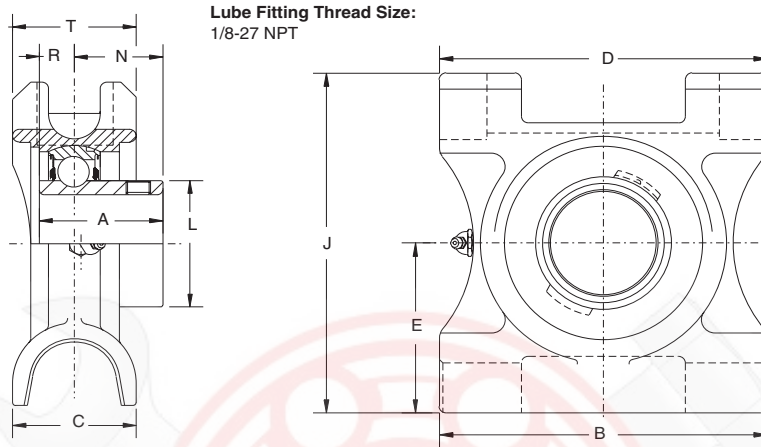






## SELECTION/DIMENSIONS

### Setscrew Ball Bearings TYPE GM MEDIUM DUTY TOP ANGLE TAKE-UP BEARINGS



Series	Shaft Size	Part No.	Description
210	1-11/16	<b>136070</b>	TP-GM-111
	1-3/4	<b>136080</b>	TP-GM-112
211	1-15/16	<b>136071</b>	TP-GM-115
	2	<b>136081</b>	TP-GM-200
212	2-3/16	<b>136072</b>	TP-GM-203
	2-1/4	<b>136082</b>	TP-GM-204
214	2-7/16	<b>136073</b>	TP-GM-207
	2-1/2	<b>136083</b>	TP-GM-208
215	2-11/16	<b>136076</b>	TP-GM-211
216	2-15/16	<b>136074</b>	TP-GM-215
	3	<b>136084</b>	TP-GM-300
218	3-7/16	<b>136075</b>	TP-GM-307
	3-1/2	<b>136085</b>	TP-GM-308



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

#### TYPE GM MEDIUM DUTY TOP ANGLE TAKE-UP BEARINGS

Series	Shaft Size	Weight lbs.	Frame Size	A	B	C	D	E	J	L	N	R	T
210	1-11/16 1-3/4	10.4 10.0	TP10	1-3/4	6-1/2	2-3/8	6	3-1/4	6-3/8	2-7/16	1-5/32	19/32	2-3/8
211	1-15/16 2	12.8 12.5	TP20	1-27/32	7	2-1/2	6-3/4	3-3/8	6-7/8	2-23/32	1-7/32	5/8	2-3/8
212	2-3/16 2-1/4	16.2 16.0	TP30	1-63/64	7-1/2	2-3/4	7	3-1/2	7-7/16	2-31/32	1-5/16	43/64	2-3/4
214	2-7/16 2-1/2	21.7 21.0	TP40	2-15/64	8-1/2	2-1/2	8	4	8-5/16	3-5/16	1-7/16	51/64	2-3/4
215	2-11/16	25.0	TP40	2-9/32	8-1/2	2-1/2	8	4	8-5/16	3-5/8	1-15/32	13/16	2-3/4
216	2-15/16 3	29.8 29.5	TP50	2-11/64	9-1/2	2-3/4	9	4-1/2	9-5/8	3-53/64	1-1/2	43/64	3-1/8
218	3-7/16 3-1/2	40.2 40.0	TP60	2-31/64	11	3-1/8	10-1/2	5-1/2	11	4-23/64	1-9/16	59/64	3-1/8

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

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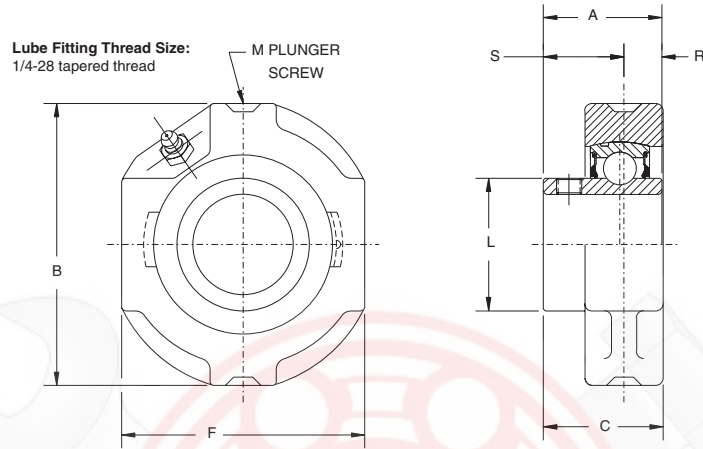
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY HANGER BEARINGS



Series	Shaft Size	Part No.	Description
206	1-1/16	<b>124420</b>	HNG-SC-101
	1-1/8	<b>124421</b>	HNG-SC-102
	1-3/16	<b>124240</b>	HNG-SC-103
	1-1/4	<b>123176</b>	HNG-SC-104S
207	1-1/4	<b>124422</b>	HNG-SC-104
	1-5/16	<b>124423</b>	HNG-SC-105
	1-3/8	<b>124424</b>	HNG-SC-106
	1-7/16	<b>124242</b>	HNG-SC-107
210	1-15/16	<b>124245</b>	HNG-SC-115
	2	<b>124393</b>	HNG-SC-200

These bearings are designed for use in 4-point hanger frames.

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY HANGER BEARINGS

Series	Shaft Size	Weight lbs.	A	B	C	F	L	M	R	S
206	1-1/16	2.0	1-25/64	3-5/8	1-15/32	3	1-37/64	1/2	31/64	29/32
	1-1/8	1.9								
	1-3/16	1.8								
	1-1/4	1.7								
207	1-1/4	2.8	1-17/32	4-1/4	1-43/64	3-1/2	1-27/32	1/2	1/2	1-1/32
	1-5/16	2.6								
	1-3/8	2.4								
	1-7/16	2.2								
210	1-15/16	6.2	1-3/4	5	1-31/32	4-3/16	2-7/16	5/8	19/32	1-5/32
	2	6.0								

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

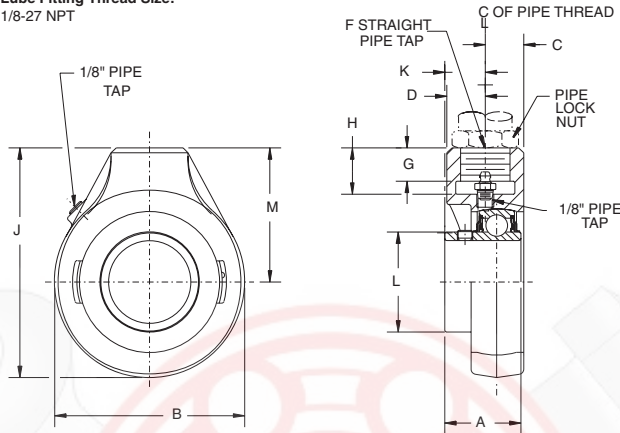
Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY SCREW CONVEYOR HANGER BEARINGS

Lube Fitting Thread Size:  
1/8-27 NPT



Series	Shaft Size	Part No.	Description
206	1	<b>057878</b>	SCHB-SC-100
	1-1/8	@	SCHB-SC-102
207	1-3/16	<b>057220</b>	SCHB-SC-103
	1-1/4	<b>124996</b>	SCHB-SC-104
	1-3/8	<b>058630</b>	SCHB-SC-106
208	1-7/16	<b>126049</b>	SCHB-SC-107
	1-1/2	<b>124290</b>	SCHB-SC-108
	1-5/8	<b>124404</b>	SCHB-SC-110
210	1-11/16	<b>124408</b>	SCHB-SC-111
	1-3/4	<b>124299</b>	SCHB-SC-112
	1-15/16	<b>124405</b>	SCHB-SC-115
	2	<b>124291</b>	SCHB-SC-200
212	2-3/16	<b>124409</b>	SCHB-SC-203
	2-1/4	<b>124419</b>	SCHB-SC-204
	2-7/16	<b>124292</b>	SCHB-SC-207
216	2-15/16	<b>124406</b>	SCHB-SC-215
	3	<b>124293</b>	SCHB-SC-300
218	3-7/16	<b>053320</b>	SCHB-SC-307
	3-1/2	<b>057361</b>	SCHB-SC-308

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SC NORMAL DUTY SCREW CONVEYOR HANGER BEARINGS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Size	Weight Lbs.	A	B	C	D	F*	G	H	J	K	L	M
206	1 1-1/8	3.0	1-25/64	3-1/8	53/64	47/64	3/4 - 14	3/4	15/16	4-1/16	55/64	1-37/64	2-1/2
207	1-3/16	3.5	1-17/32	3-7/8	53/64	53/64	3/4 - 14	5/8	15/16	4-11/16	31/32	1-27/32	2-3/4
	1-1/4	3.5											
	1-3/8	3.5											
208	1-7/16	3.4	1-11/16	4	53/64	53/64	3/4 - 14	5/8	15/16	4-7/8	59/64	2-3/64	2-7/8
	1-1/2	3.4											
	1-5/8	3.8											
210	1-11/16	5.4	1-3/4	4-5/8	15/16	7/8	1 - 11 1/2	13/16	1-1/8	5-9/16	7/8	2-7/16	3-1/4
	1-3/4	4.8											
	1-15/16	4.5											
	2	4.4											
212	2-3/16	5.0	1-63/64	5-1/2	1-5/32	1-5/32	1-1/4 - 11 1/2	1-1/8	1-7/16	6-3/4	31/32	2-31/32	4
	2-1/4	5.0											
	2-7/16	7.4											
216	2-15/16	14.0	2-11/64	7	1-23/64	1-13/32	1-1/2 - 11 1/2	1-1/4	1-11/16	8-3/8	1-11/64	3-53/64	4-7/8
	3	14.6											
218	3-7/16	21.2	2-31/64	8-5/16	1-3/4	1-3/4	2 - 11 1/2	1-3/4	2-3/16	10-5/32	1-23/64	4-23/64	6
	3-1/2	21.0											

Use straight thread for the pipe. Bearing to be secured with a heavy locknut

Pipe plug and lube fitting are factory installed and may be reversed from position shown

**NOTE:** Inserts use the ProGuard Plus (-FF) seals. 1, 1-3/16, 1-7/16, 1-11/16, 1-3/4, 2-3/16, 2-1/4

2-15/16, 3, 3-7/16 & 3-1/2 use SCM inserts with flingers.

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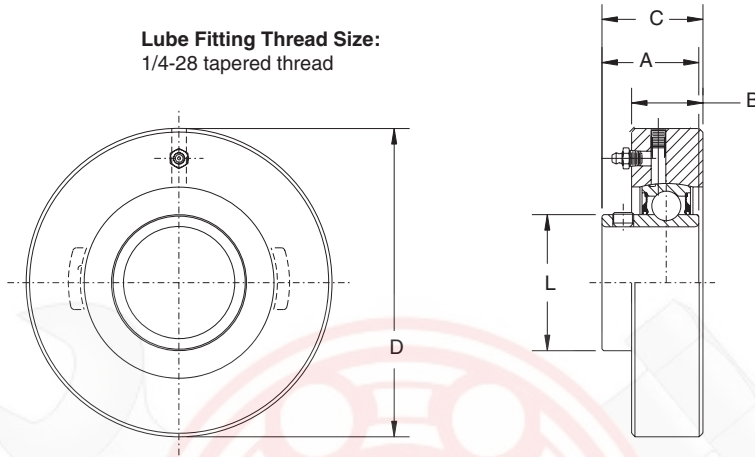




## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY CYLINDRICAL UNITS

Lube Fitting Thread Size:  
1/4-28 tapered thread



Series	Shaft Size	Part No.	Description
205	7/8	<b>124394</b>	CYL-SC-014
	15/16	<b>124148</b>	CYL-SC-015
	1	<b>124149</b>	CYL-SC-100
206	1-1/16	<b>124427</b>	CYL-SC-101
	1-1/8	<b>124428</b>	CYL-SC-102
	1-3/16	<b>124250</b>	CYL-SC-103
	1-1/4	<b>123177</b>	CYL-SC-104S
207	1-1/4	<b>124251</b>	CYL-SC-104
	1-5/16	<b>124429</b>	CYL-SC-105
	1-3/8	<b>124430</b>	CYL-SC-106
	1-7/16	<b>124253</b>	CYL-SC-107



## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY CYLINDRICAL UNITS

Series	Shaft Size	Weight lbs.	A	B	C	D#	L
205	7/8	1.4	1-3/16	27/32	1-11/64	3-1/8	1-21/64
	15/16	1.3					
	1	1.2					
206	1-1/16	2.2	1-25/64	15/16	1-11/32	3-1/2	1-37/64
	1-1/8	2.1					
	1-3/16	2.0					
	1-1/4	1.9					
207	1-1/4	2.8	1-17/32	1-1/16	1-17/32	3-7/8	1-27/32
	1-5/16	2.7					
	1-3/8	2.6					
	1-7/16	2.5					

# +.000" -.002

To prevent the housing from rotating in the machine frame, tap a hole on the joint between the housing O.D. and the machine frame bore and lock with a setscrew.





Bearing Quick Reference

E-Z KLEEN

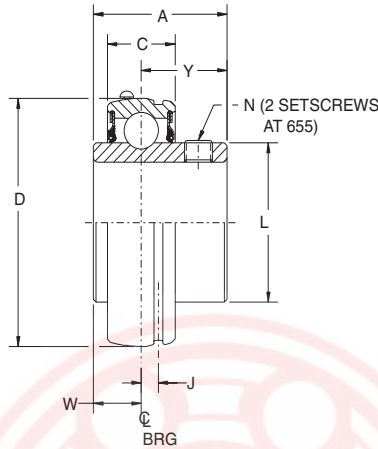
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS



Series	Shaft Size	Standard Insert		Insert With Flingers		Corrosion Resistant Insert		High Temp	
		Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
203	1/2	<b>123328</b>	INS-SC-008	<b>052159</b>	INS-SC-008-FF	<b>059759</b>	INS-SC-008-CR*	-----	INS-SC-008-HT
	5/8	<b>123329</b>	INS-SC-010	@	INS-SC-010-FF	@	INS-SC-010-CR*	-----	INS-SC-010-HT
	17mm	<b>125800</b>	INS-SC-17M	@	INS-SC-17M-FF	@	INS-SC-17M-CR*	-----	INS-SC-17M-HT
204	1/2	<b>123330</b>	INS-SC-008L	@	INS-SC-008L-FF	<b>052981</b>	INS-SC-008L-CR*	@	INS-SC-008L-HT
	5/8	<b>123331</b>	INS-SC-010L	<b>124932</b>	INS-SC-010L-FF	<b>127073</b>	INS-SC-010L-CR*	@	INS-SC-010L-HT
	3/4	<b>123332</b>	INS-SC-012	<b>123070</b>	INS-SC-012-FF	<b>045600</b>	INS-SC-012-CR	<b>052032</b>	INS-SC-012-HT
	13/16 20mm	@ <b>125802</b>	INS-SC-013 INS-SC-20M	@ <b>050524</b>	INS-SC-013-FF INS-SC-20M-FF	@ <b>125873</b>	INS-SC-013-CR* INS-SC-20M-CR*	@ @	INS-SC-013-HT INS-SC-20M-HT
205	7/8	<b>123333</b>	INS-SC-014	<b>124931</b>	INS-SC-014-FF	<b>058665</b>	INS-SC-014-CR*	@	INS-SC-014-HT
	15/16	<b>123334</b>	INS-SC-015	<b>123069</b>	INS-SC-015-FF	@	INS-SC-015-CR*	@	INS-SC-015-HT
	1	<b>123335</b>	INS-SC-100	<b>123071</b>	INS-SC-100-FF	<b>045601</b>	INS-SC-100-CR	<b>054949</b>	INS-SC-100-HT
	25mm	<b>125804</b>	INS-SC-25M	<b>052620</b>	INS-SC-25M-FF	<b>050580</b>	INS-SC-25M-CR	@	INS-SC-25M-HT
206	1-1/16	<b>123336</b>	INS-SC-101	@	INS-SC-101-FF	@	INS-SC-101-CR*	@	INS-SC-101-HT
	1-1/8	<b>123337</b>	INS-SC-102	<b>123234</b>	INS-SC-102-FF	@	INS-SC-102-CR*	@	INS-SC-102-HT
	1-3/16	<b>123338</b>	INS-SC-103	<b>123072</b>	INS-SC-103-FF	<b>045602</b>	INS-SC-103-CR	@	INS-SC-103-HT
	1-1/4	<b>123469</b>	INS-SC-104S	<b>123073</b>	INS-SC-104S-FF	<b>045603</b>	INS-SC-104S-CR	@	INS-SC-104S-HT
	30mm	<b>125806</b>	INS-SC-30M	<b>052621</b>	INS-SC-30M-FF	<b>125874</b>	INS-SC-30M-CR	@	INS-SC-30M-HT
207	1-1/4	<b>123339</b>	INS-SC-104	<b>123074</b>	INS-SC-104-FF	<b>045412</b>	INS-SC-104-CR	<b>053776</b>	INS-SC-104-HT
	1-5/16	<b>123340</b>	INS-SC-105	<b>057102</b>	INS-SC-105-FF	<b>058345</b>	INS-SC-105-CR*	<b>057201</b>	INS-SC-105-HT
	1-3/8	<b>123341</b>	INS-SC-106	<b>123460</b>	INS-SC-106-FF	<b>058965</b>	INS-SC-106-CR*	<b>057354</b>	INS-SC-106-HT
	1-7/16	<b>123368</b>	INS-SC-107	<b>123075</b>	INS-SC-107-FF	<b>045604</b>	INS-SC-107-CR	<b>052645</b>	INS-SC-107-HT
	35mm	<b>125808</b>	INS-SC-35M	<b>052622</b>	INS-SC-35M-FF	<b>050653</b>	INS-SC-35M-CR	@	INS-SC-35M-HT

@ Assembled to order

\* 20 piece minimum

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	C	D	J	L	N	W	Y
203	1/2	.25	1	.511	1.5748	0.150	31/32	10-32	23/64	41/64
	5/8	.23								
	17mm	.10	25.4	13.0	40.0	3.0	24.6	M5x.8	9.1	16.3
204	1/2	.38	1-5/32	.5906	1.8504	0.152	1-1/8	10-32	27/64	47/64
	5/8	.35						10-32		
	3/4	.32						1/4-28		
	13/16	.29						1/4-28		
	20mm	.16	29.4	15.0	47.0	3.9	28.6	M6x1	10.7	18.7
205	7/8	.43	1-3/16	.5906	2.0472	.152	1-21/64	1/4-28	27/64	49/64
	15/16	.40								
	1	.37								
206	25mm	.18	30.2	15.0	52.0	3.9	33.7	M6x1	10.7	19.4
	1-1/16	.67	1-25/64	.7067	2.4409	.190	1-37/64	5/16-24	31/64	29/32
	1-1/8	.63						5/16-24		
	1-3/16	.60						5/16-24		
	1-1/4	.58						1/4-28		
30mm	.27	35.3	18.0	62.0	4.8	40.1	M8x1.25	12.3	23.0	
207	1-1/4	1.02	1-17/32	.7480	2.8346	.202	1-27/32	5/16-24	1/2	1-1/32
	1-5/16	.97								
	1-3/8	.92								
	1-7/16	.86								
	35mm	.44	38.9	19.0	72.0	5.1	46.8	M8x1.25	12.7	26.2

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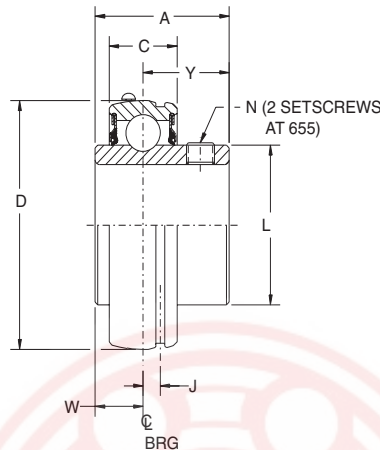
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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS



Series	Shaft Size	Standard Insert		Insert With Flingers		Corrosion Resistant Insert		High Temp	
		Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
208	1-1/2	<b>123342</b>	INS-SC-108	<b>123075</b>	INS-SC-108-FF	<b>045605</b>	INS-SC-108-CR	@	INS-SC-108-HT
	1-5/8	<b>123343</b>	INS-SC-110	<b>123409</b>	INS-SC-110-FF	@	INS-SC-110-CR*	@	INS-SC-110-HT
	40mm	<b>125810</b>	INS-SC-40M	<b>052623</b>	INS-SC-40M-FF	<b>050654</b>	INS-SC-40M-CR	@	INS-SC-40M-HT
209	1-5/8	<b>045874</b>	INS-SC-110L	@	INS-SC-110L-FF	@	INS-SC-110L-CR*	@	INS-SC-110L-HT
	1-11/16	<b>123344</b>	INS-SC-111	@	INS-SC-111-FF	<b>125004</b>	INS-SC-111-CR	<b>053565</b>	INS-SC-111-HT
	1-3/4	<b>123345</b>	INS-SC-112	<b>045677</b>	INS-SC-112-FF	<b>054145</b>	INS-SC-112-CR*	@	INS-SC-112-HT
	1-13/16	<b>054225</b>	INS-SC-113	@	INS-SC-113-FF	@	INS-SC-113-CR*	@	INS-SC-113-HT
	45mm	<b>125812</b>	INS-SC-45M	@	INS-SC-45M-FF	<b>125005</b>	INS-SC-45M-CR*	@	INS-SC-45M-HT
210	1-15/16	<b>123346</b>	INS-SC-115	<b>123077</b>	INS-SC-115-FF	<b>045606</b>	INS-SC-115-CR	<b>054019</b>	INS-SC-115-HT
	2	<b>123347</b>	INS-SC-200	<b>123413</b>	INS-SC-200-FF	<b>045338</b>	INS-SC-200-CR	<b>054431</b>	INS-SC-200-HT
	50mm	<b>125814</b>	INS-SC-50M	@	INS-SC-50M-FF	<b>050656</b>	INS-SC-50M-CR	@	INS-SC-50M-HT
211	2	<b>123358</b>	INS-SCM-200	@	INS-SCM-200-FF	<b>125175</b>	INS-SCM-200-CR*	<b>058157</b>	INS-SCM-200-HT
	2-3/16	<b>123348</b>	INS-SC-203	<b>058230</b>	INS-SC-203-FF	<b>058178</b>	INS-SC-203-CR*	@	INS-SC-203-HT
	2-1/4	<b>123349</b>	INS-SC-204	<b>058220</b>	INS-SC-204-FF	<b>053825</b>	INS-SC-204-CR*	@	INS-SC-204-HT
	55mm	<b>125816</b>	INS-SC-55M	@	INS-SC-55M-FF	@	INS-SC-55M-CR*	@	INS-SC-55M-HT
212	2-1/4	<b>123360</b>	INS-SCM-204	<b>064636</b>	INS-SCM-204-FF	<b>053900</b>	INS-SCM-204-CR*	@	INS-SCM-204-HT
	2-7/16	<b>123350</b>	INS-SC-207	<b>123416</b>	INS-SC-207-FF	<b>057681</b>	INS-SC-207-CR*	<b>054196</b>	INS-SC-207-HT
	60mm	<b>125818</b>	INS-SC-60M	@	INS-SC-60M-FF	@	INS-SC-60M-CR*	<b>057802</b>	INS-SC-60M-HT
214	2-1/2	<b>123362</b>	INS-SCM-208	@	INS-SCM-208-FF	<b>053831</b>	INS-SCM-208-CR*	@	INS-SCM-208-HT
	2-11/16	<b>123326</b>	INS-SC-211	@	INS-SC-211-FF	@	INS-SC-211-CR*	@	INS-SC-211-HT
	70mm	<b>125820</b>	INS-SC-70M	@	INS-SC-70M-FF	@	INS-SC-70M-CR*	@	INS-SC-70M-HT
215	2-15/16	<b>123352</b>	INS-SC-215	<b>050365</b>	INS-SC-215-FF	@	INS-SC-215-CR*	@	INS-SC-215-HT
	75mm	<b>125822</b>	INS-SC-75M	@	INS-SC-75M-FF	@	INS-SC-75M-CR*	@	INS-SC-75M-HT
218	90mm	@	INS-SC-90M	@	INS-SC-90M-FF	@	INS-SC-90M-CR*	@	INS-SC-90M-HT

@ Assembled to order.

\* 20 piece minimum

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SC NORMAL DUTY BEARING INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs. kgs.	A	C	D	J	L	N	W	Y
208	1-1/2	1.27	1-11/16	.8661	3.149	.224	2-3/64	5/16-24	19/32	1-3/32
	1-5/8	1.13								
	40mm	0.51	42.9	22.0	80.0	5.7	52.0	M8x1.25	15.1	27.8
209	1-5/8	1.49	1-23/32	.8661	3.3465	.248	2-7/32	5/16-24	19/32	1-1/8
	1-11/16	1.43								
	1-3/4	1.36								
	1-13/16	1.30								
	45mm	0.62	43.7	22.0	85.0	6.3	56.4	M8x1.25	15.1	28.6
210	1-15/16	1.48	1-3/4	.8661	3.5433	.248	2-7/16	3/8-24	19/32	1-5/32
	2	1.39								
	50mm	0.67	44.5	22.0	90.0	6.3	61.9	M10x1.5	15.1	29.4
211	2	2.26	1-27/32	.9449	3.9370	.267	2-23/32	3/8-24	5/8	1-7/32
	2-3/16	1.97								
	2-1/4	1.87								
	55mm	0.89	46.8	24.0	100.0	6.8	69.1	M10x1.5	15.9	31.0
212	2-1/4	2.85	1-63/64	1.0240	4.3307	.250	2-31/32	3/8-24	43/64	1-5/16
	2-7/16	2.49								
	60mm	1.13	50.4	26.0	110.0	6.4	75.4	M10x1.5	17.1	33.3
214	2-1/2	4.25	2-15/64	1.1020	4.9213	.264	3-5/16	3/8-24	51/64	1-7/16
	2-11/16	3.60								
	70mm	1.63	56.8	28.0	125.0	6.7	84.1	M10x1.5	20.2	36.5
215	2-15/16	3.86	2-9/32	1.1420	5.1181	.265	3-5/8	3/8-24	13/16	1-15/32
	75mm	1.75	57.9	29.0	130.0	6.7	92.1	M10x1.5	20.6	37.3
218	90mm	3.30	63.1	34.0	160.0	7.6	110.7	M10x1.5	23.4	39.7

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

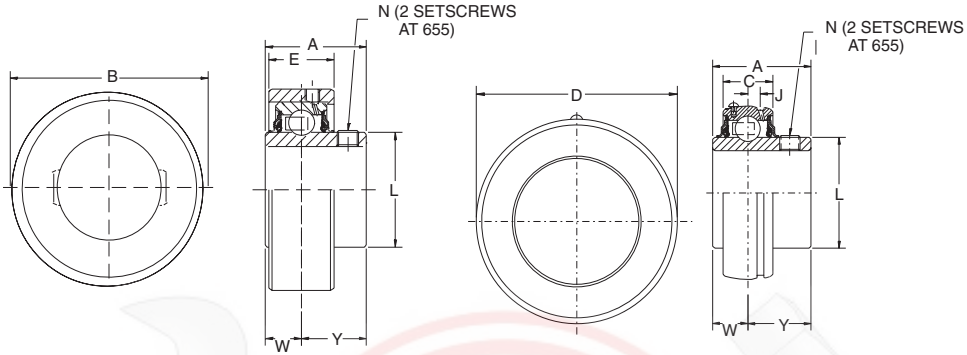
Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY BEARING INSERTS



Series	Shaft Size	Expansion		Non-Expansion	
		Part No.	Description	Part No.	Description
206	1	@	INS-SCMH-100-E	@	INS-SCMH-100
	1-1/16	@	INS-SCH-101-E	@	INS-SCH-101M
	1-1/8	@	INS-SCH-102-E	@	INS-SCH-102
	1-3/16	<b>126495</b>	INS-SCH-103-E	<b>126490</b>	INS-SCH-103
	1-1/4	@	INS-SCH-104S-E	@	INS-SCH-104S
	30mm	<b>049925</b>	INS-SCH-30M-E	@	INS-SCH-30M
207	1-1/4	@	INS-SCH-104-E	@	INS-SCH-104
	1-5/16	@	INS-SCH-105-E	@	INS-SCH-105
	1-3/8	@	INS-SCH-106-E	@	INS-SCH-106
	1-7/16	<b>126496</b>	INS-SCH-107-E	<b>126491</b>	INS-SCH-107
	35mm	@	INS-SCH-35M-E	@	INS-SCH-35M
	209	1-1/2	@	INS-SCMH-108-E	@
1-5/8		@	INS-SCH-110-E	@	INS-SCH-110
1-11/16		@	INS-SCH-111-E	@	INS-SCH-111
1-3/4		@	INS-SCH-112-E	@	INS-SCH-112
45mm		@	INS-SCH-45M-E	@	INS-SCH-45M
210		1-11/16	@	INS-SCMH-111-E	@
	1-3/4	@	INS-SCMH-112-E	@	INS-SCMH-112
	1-15/16	<b>126497</b>	INS-SCH-115-E	<b>126492</b>	INS-SCH-115
	2	@	INS-SCH-200-E	@	INS-SCH-200
	50mm	@	INS-SCH-50M-E	@	INS-SCH-50M
	211	1-15/16	@	INS-SCMH-115-E	@
2		@	INS-SCMH-200-E	@	INS-SCMH-200
2-3/16		<b>126498</b>	INS-SCH-203-E	<b>126493</b>	INS-SCH-203
2-1/4		@	INS-SCH-204-E	@	INS-SCH-204
55mm		@	INS-SCH-55M-E	@	INS-SCH-55M
212		2-3/16	@	INS-SCMH-203-E	@
	2-1/4	@	INS-SCMH-204-E	@	INS-SCMH-204
	2-7/16	<b>126499</b>	INS-SCH-207-E	<b>126494</b>	INS-SCH-207
	60mm	@	INS-SCH-60M-E	@	INS-SCH-60M

@Assembled to order

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings

### SCH-E EXPANSION AND SCH NON-EXPANSION NORMAL DUTY BEARING INSERTS

Series	Shaft Size	Weight - Expansion lbs kgs	Weight - Non-Expansion lbs kgs	A	B	C	D	E	J	L	N	W	Y
206	1	1.29	0.69	1-25/64	2.875	15/16	2.4409	15/16	0.190	1-37/64	5/16-24	31/64	29/32
	1-1/16	1.26	0.66										
	1-1/8	1.23	0.63										
	1-3/16	1.20	0.60										
	1-1/4	1.18	0.58										
	30mm	0.54	0.26	35.3	73.0	23.8	62.0	23.8	4.8	40.1	M8x1.25	12.3	23.0
207	1-1/4	1.50	1.02	1-17/32	3.272	1	2.8346	1	0.190	1-27/32	5/16-24	1/2	1-1/32
	1-5/16	1.49	0.97										
	1-3/8	1.48	0.92										
	1-7/16	1.47	0.86										
	35mm	0.67	0.44	38.9	83.1	25.4	72.0	25.4	5.1	46.8	M8x1.25	12.7	26.2
	1-1/2	2.51	1.62	1-23/32	3.813	1-1/4	3.3465	1-1/4	0.248	2-7/32	5/16-24	19/32	1-1/8
209	1-5/8	2.48	1.49										
	1-11/16	2.45	1.43										
	1-3/4	2.43	1.36										
	45mm	1.10	1.30	43.7	96.8	31.8	85.0	31.8	6.3	56.4	M8x1.25	15.1	28.6
	1-11/16	2.56	1.82	1-3/4	4.000	1-13/32	3.5433	1-13/32	0.248	2-7/16	3/8-24	19/32	1-5/32
	1-3/4	2.53	1.74										
210	1-15/16	2.50	1.48										
	2	2.48	1.39										
	50mm	1.13	0.67	44.5	101.6	35.7	90.0	35.7	6.3	61.9	M10x1.5	15.1	29.4
	1-15/16	3.46	2.36	1-27/32	4.475	1-7/16	3.9370	1-7/16	0.267	2-23/32	3/8-24	5/8	1-7/32
	2	3.43	2.26										
	2-3/16	3.40	1.97										
211	2-1/4	3.38	1.87										
	55mm	1.53	0.89	46.8	113.7	36.5	100.0	36.5	6.3	69.1	M10x1.5	15.9	31.0
	2-3/16	4.56	2.97	1-63/64	5.035	1-5/8	4.3307	1-5/8	0.250	2-31/32	3/8-24	43/64	1-5/16
	2-1/4	4.53	2.85										
	2-7/16	4.50	2.49										
	60mm	2.04	1.13	50.4	127.9	41.3	110.0	41.3	6.4	75.4	M10x1.5	17.1	33.3

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

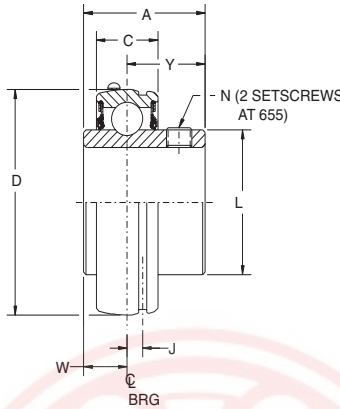
GRIP TIGHT Adapter Ball Bearing

Setcrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY BEARING INSERTS



Series	Shaft Size	Standard Insert		Insert With Flingers		Corrosion Resistant Insert		High Temp	
		Part No.	Description	Part No.	Description	Part No.	Description	Part No.	Description
206	1 25mm	<b>123419</b>	INS-SCM-100	@	INS-SCM-100-FF	@	INS-SCM-100-CR*	@	INS-SCM-100-HT
		<b>125825</b>	INS-SCM-25M	@	INS-SCM-25M-FF	@	INS-SCM-25M-CR*	@	INS-SCM-25M-HT
207	1-3/16 1-1/4 30mm	<b>123420</b>	INS-SCM-103	<b>052841</b>	INS-SCM-103-FF	@	INS-SCM-103-CR*	@	INS-SCM-103-HT
		<b>123339</b>	INS-SC-104	<b>123074</b>	INS-SC-104-FF	<b>045412</b>	INS-SC-104-CR	<b>053776</b>	INS-SC-104-HT
208	1-7/16 1-1/2# 35mm	<b>123353</b>	INS-SCM-107	<b>123445</b>	INS-SCM-107-FF	@	INS-SCM-107-CR*	@	INS-SCM-107-HT
		<b>123342</b>	INS-SC-108	<b>123076</b>	INS-SC-108-FF	<b>045605</b>	INS-SC-108-CR	@	INS-SC-108-HT
209	1-1/2 1-5/8 40mm	<b>125828</b>	INS-SCM-35M	@	INS-SCM-35M-FF	@	INS-SCM-35M-CR*	@	INS-SCM-35M-HT
		<b>123354</b>	INS-SCM-108	@	INS-SCM-108-FF	@	INS-SCM-108-CR*	@	INS-SCM-108-HT
210	1-5/8 40mm	<b>045874</b>	INS-SC-110L	@	INS-SC-110L-FF	@	INS-SC-110L-CR*	@	INS-SC-110L-HT
		<b>125830</b>	INS-SCM-40M	@	INS-SCM-40M-FF	@	INS-SCM-40M-CR*	@	INS-SCM-40M-HT
211	1-11/16 1-3/4 45mm	<b>123355</b>	INS-SCM-111	<b>051787</b>	INS-SCM-111-FF	@	INS-SCM-111-CR*	@	INS-SCM-111-HT
		<b>123356</b>	INS-SCM-112	@	INS-SCM-112-FF	@	INS-SCM-112-CR*	@	INS-SCM-112-HT
212	1-15/16 2 50mm	<b>125832</b>	INS-SCM-45M	@	INS-SCM-45M-FF	@	INS-SCM-45M-CR*	@	INS-SCM-45M-HT
		<b>123357</b>	INS-SCM-115	<b>050493</b>	INS-SCM-115-FF	<b>058397</b>	INS-SCM-115-CR*	@	INS-SCM-115-HT
214	2-3/16 2-1/4 55mm	<b>123358</b>	INS-SCM-200	@	INS-SCM-200-FF	<b>125175</b>	INS-SCM-200-CR*	<b>058157</b>	INS-SCM-200-HT
		<b>125834</b>	INS-SCM-50M	@	INS-SCM-50M-FF	@	INS-SCM-50M-CR*	@	INS-SCM-50M-HT
215	2-11/16 70mm	<b>123359</b>	INS-SCM-203	<b>050186</b>	INS-SCM-203-FF	@	INS-SCM-203-CR*	@	INS-SCM-203-HT
		<b>123360</b>	INS-SCM-204	<b>064636</b>	INS-SCM-204-FF	<b>053900</b>	INS-SCM-204-CR*	@	INS-SCM-204-HT
216	2-7/16 2-1/2 60mm	<b>125836</b>	INS-SCM-55M	@	INS-SCM-55M-FF	@	INS-SCM-55M-CR*	@	INS-SCM-55M-HT
		<b>123361</b>	INS-SCM-207	<b>123424</b>	INS-SCM-207-FF	@	INS-SCM-207-CR*	<b>056912</b>	INS-SCM-207-HT
218	2-1/2 60mm	<b>123362</b>	INS-SCM-208	@	INS-SCM-208-FF	<b>053831</b>	INS-SCM-208-CR*	@	INS-SCM-208-HT
		<b>125838</b>	INS-SCM-65M	@	INS-SCM-65M-FF	@	INS-SCM-65M-CR*	@	INS-SCM-65M-HT
219	2-11/16 70mm	<b>123363</b>	INS-SCM-211	@	INS-SCM-211-FF	@	INS-SCM-211-CR*	@	INS-SCM-211-HT
		<b>125840</b>	INS-SCM-70M	@	INS-SCM-70M-FF	@	INS-SCM-70M-CR*	@	INS-SCM-70M-HT
220	2-15/16 3 75mm	<b>123364</b>	INS-SCM-215	<b>123456</b>	INS-SCM-215-FF	<b>045764</b>	INS-SCM-215-CR*	<b>049918</b>	INS-SCM-215-HT
		<b>123365</b>	INS-SCM-300	<b>123457</b>	INS-SCM-300-FF	@	INS-SCM-300-CR*	@	INS-SCM-300-HT
221	3-7/16 3-1/2 85mm	<b>125842</b>	INS-SCM-75M	@	INS-SCM-75M-FF	@	INS-SCM-75M-CR*	@	INS-SCM-75M-HT
		<b>123366</b>	INS-SCM-307	<b>123423</b>	INS-SCM-307-FF	<b>045765</b>	INS-SCM-307-CR*	@	INS-SCM-307-HT
222	3-1/2 85mm	<b>123367</b>	INS-SCM-308	@	INS-SCM-308-FF	@	INS-SCM-308-CR*	@	INS-SCM-308-HT
		<b>125844</b>	INS-SCM-85M	@	INS-SCM-85M-FF	@	INS-SCM-85M-CR*	@	INS-SCM-85M-HT

@ Assembled to order  
# SCM Piloted Flange Only

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings SCM MEDIUM DUTY BEARING INSERTS

Series	Shaft Size	Weight lbs.	A	C	D	J	L	N	W	Y
206	1	0.71	1-25/64	.7067	2.4409	.190	1-37/64	5/16-24	31/64	29/32
	25mm	0.32	35.3	18.0	62.0	4.8	40.1	M8x1.25	23.0	23.0
207	1-3/16	1.07	1-17/32	.7480	2.8346	.202	1-27/32	5/16-24	1/2	1-1/32
	1-1/4	1.02								
	30mm	0.53	38.9	19.0	72.0	5.1	46.8	M8x1.25	12.7	26.2
208	1-7/16	1.32	1-11/16	.8661	3.1496	.224	2-3/64	5/16-24	19/32	1-3/32
	1-1/2	1.27								
	35mm	0.60	42.9	22.0	80.0	5.7	52.0	M8x1.25	15.1	27.8
209	1-1/2	1.62	1-23/32	.8661	3.3465	.248	2-7/32	5/16-24	19/32	1-1/8
	1-5/8	1.49								
	40mm	0.71	43.7	22.0	85.0	6.3	56.4	M8x1.25	15.1	28.6
210	1-11/16	1.82	1-3/4	.8661	3.5433	.248	2-7/16	3/8-24	19/32	1-5/32
	1-3/4	1.74								
	45mm	0.76	44.5	22.0	90.0	6.3	61.9	M10x1.5	15.1	29.4
211	1-15/16	2.36	1-27/32	.9449	3.9370	.267	2-23/32	3/8-24	5/8	1-7/32
	2	2.26								
	50mm	1.03	46.8	24.0	100.0	6.8	69.1	M10x1.5	15.9	31
212	2-3/16	2.97	1-63/64	1.0240	4.3307	.250	2-31/32	3/8-24	43/64	1-5/16
	2-1/4	2.85								
	55mm	1.27	50.4	26.0	110.0	6.4	75.4	M10x1.5	17.1	33.3
214	2-7/16	4.39	2-15/64	1.1020	4.3307	.265	3-5/16	3/8-245	51/64	1-7/16
	2-1/2	4.25								
	60mm	1.86	56.8	28.0	110.0	6.7	84.1	M10x1.	20.2	36.5
215	2-11/16	4.49	2-9/32	1.1420	5.1181	.265	3-5/8	3/8-24	13/16	1-15/32
	70mm	1.98	57.9	29.0	130.0	6.7	92.1	M10x1.5	20.6	37.3
216	2-15/16	5.54	2-11/32	1.1810	5.5118	.285	3-53/64	3/8-24	43/64	1-1/2
	3	5.52								
	75mm	2.51	59.5	30.0	140.0	7.2	97.2	M10x.15	17.1	38.1
218	3-7/16	7.35	2-31/64	1.3400	6.2992	.300	4-23/64	3/8-24	59/64	1-9/16
	3-1/2	7.33								
	85mm	3.33	63.1	34.0	160.0	7.6	110.7	M10x1.5	23.4	39.7

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

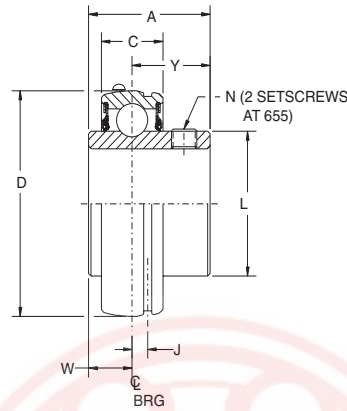
Eccentric Collar Ball Bearing





## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC INTERMEDIATE DUTY BEARING INSERTS



Series	Shaft Size	Part No.	Description
203	1/2	<b>389923</b>	INS-VSC-008
	5/8	<b>389924</b>	INS-VSC-010
	17mm	<b>125636</b>	INS-VSC-17M
204	3/4	<b>389925</b>	INS-VSC-012
	20mm	<b>125637</b>	INS-VSC-20M
205	7/8	<b>389936</b>	INS-VSC-014
	15/16	<b>389937</b>	INS-VSC-015
	1	<b>389926</b>	INS-VSC-100
	25mm	<b>125638</b>	INS-VSC-25M
206	1-1/8	<b>389938</b>	INS-VSC-102
	1-3/16	<b>389927</b>	INS-VSC-103
	1-1/4	<b>389934</b>	INS-VSC-104S
	30mm	<b>123235</b>	INS-VSC-30M
207	1-1/4	<b>389928</b>	INS-VSC-104
	1-3/8	<b>389939</b>	INS-VSC-106
	1-7/16	<b>389929</b>	INS-VSC-107
	35mm	<b>125639</b>	INS-VSC-35M
208	1-1/2	<b>389930</b>	INS-VSC-108
	40mm	<b>125640</b>	INS-VSC-40M
209	1-11/16	<b>389940</b>	INS-VSC-111
	1-3/4	<b>389941</b>	INS-VSC-112
	45mm	<b>125641</b>	INS-VSC-45M
210	1-15/16	<b>389931</b>	INS-VSC-115
	2	<b>389932</b>	INS-VSC-200
	50mm	<b>125642</b>	INS-VSC-50M
211	2	<b>389935</b>	INS-VSC-200L
	2-3/16	<b>389933</b>	INS-VSC-203
	55mm	<b>125643</b>	INS-VSC-55M

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings VSC INTERMEDIATE DUTY BEARING INSERTS

Series	Shaft Size	Weight lbs. / kg.	A	C	D	J	L	N	W	Y
203	1/2	0.23	15/16	0.5110	1.5748	0.150	31/32	10-32	19/64	41/64
	5/8	0.21								
	17mm	0.10	23.8	13.0	40.0	3.8	24.6	M5 x 8	7.5	16.3
204	3/4	0.25	1-1/16	0.5906	1.8504	0.152	1-21/64	1/4-28	21/64	49/64
	20mm	0.11	27.0	15.0	47.0	3.9	28.6	M6 x 1	8.3	18.7
205	7/8	0.41	1-3/32	0.5906	2.0472	0.152	1-37/64	5/16-24	25/64	29/32
	15/16	0.38								
	1	0.25	27.8	15.0	52.0	3.9	33.7	M6 x 1	8.3	19.4
206	25mm	0.17								
	1-1/8	0.61	1-19/64	0.7067	2.4409	0.190	1-27/32	5/16-24	13/32	1-1/32
	1-3/16	0.58								
207	1-1/4	0.92	1-7/16	0.7480	2.8346	0.202	2-3/64	5/16-24	15/32	1-3/32
	1-3/8	0.88								
	1-7/16	0.75	36.5	19.0	72.0	5.1	46.8	M8 x 1.25	10.3	26.2
208	35mm	0.38								
	1-1/2	1.20	1-9/16	0.8661	3.1496	0.224	2-7/32	5/16-24	15/32	1-1/8
209	40mm	0.52	39.7	22.0	80.0	5.7	52.0	M8 x 1.25	11.9	27.8
	1-11/16	1.41	1-19/32	0.8661	3.3465	0.248	2-7/16	3/8-24	15/32	1-5/32
	1-3/4	1.34								
210	45mm	0.61	40.5	22.0	85.0	6.3	56.4	M8 x 1.25	11.9	28.6
	1-15/16	1.46	1-5/8	0.8661	3.5433	0.248	2-23/32	3/8-24	1/2	1-7/32
	2	1.37								
211	50mm	0.63	41.3	22.0	90.0	6.3	61.9	M10 x 1.5	11.9	29.4
	2	2.24	1-23/32	0.9449	3.9370	0.267	2-23/32	3/8-24	1/2	1-7/32
	2-3/16	1.95								
211	55mm	0.97	43.7	24.0	100.0	6.8	69.1	M10 x 1.5	12.7	31.0

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Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing



Bearing Quick Reference

E-Z KLEEN

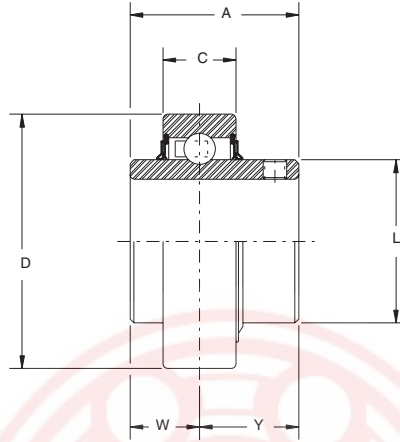
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

## SELECTION/DIMENSIONS

### Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER INSERTS



Series	Shaft Size	Part No.	Description
205	15/16	<b>134161</b>	INS-CC-015
	1	<b>134162</b>	INS-CC-100
206	1-1/8	<b>134164</b>	INS-CC-102
	1-3/16	<b>134165</b>	INS-CC-103
207	1-1/4	<b>134166</b>	INS-CC-104
	1-3/8	<b>134168</b>	INS-CC-106
	1-7/16	<b>134169</b>	INS-CC-107
209	1-11/16	<b>134170</b>	INS-CC-111
	1-3/4	<b>134171</b>	INS-CC-112
210	1-15/16	<b>134172</b>	INS-CC-115
211	2-3/16	<b>134174</b>	INS-CC-203

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## SELECTION/DIMENSIONS

### Setscrew Ball Bearings CC BALL BEARING FAN AND BLOWER INSERTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size	Weight lbs.	A	Nominal C in/mm	Nominal D in/mm	L	W	Y
205	15/16	.54	1-23/64	.5906	2.0472	1-5/16	9/16	51/64
	1	.51		15	52			
206	1-1/8	.89	1-9/16	.6299	2.4409	1-19/32	39/64	61/64
	1-3/16	.83		16	62			
207	1-1/4	1.44	1-49/64	.6693	2.8346	1-27/32	21/32	1-7/64
	1-3/8	1.26		17	72			
	1-7/16	1.20		17	72			
209	1-11/16	1.87	2-1/32	.7480	3.3465	2-9/32	51/64	1-15/64
	1-3/4	1.82		19	85			
210	1-15/16	2.18	2-3/32	.7874	3.5433	2-15/32	53/64	1-17/64
		20		90				
211	2-3/16	2.88	2-1/4	.8268	3.9370	2-3/4	27/32	1-13/32
				21	100			

The insert is relubricated through the back seal area of the bearing.

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### Setscrew Ball Bearings

#### LUBRICANTS

DODGE ball bearings are factory lubricated with Shell Alvania #2 lubricant. For applications where extreme ambient temperatures or speeds are anticipated or environmental considerations require a different lubricant, DODGE has a wide variety of lubricants available. Special lubricant options usually require set-up charges and premiums

#### SEALS

The PROGUARD PLUS seal is a highly effective positive contact, land riding seal with flingers pressed on to each side of the inner ring offering added protection from wash down or extreme contamination. For high speeds or where seal drag would be an impediment, an all metallic labyrinth seal is available.

#### HIGH TEMPERATURE

DODGE high temperature bearings are designed to operate in temperatures from 225°F (108°C) to 400°F (205°C). The bearings have adjusted internal clearances, metallic labyrinth seals, high temperature retainers, heat stabilized outer rings, and lubricants to meet the temperature needs of the application. To insure proper replacement, the bearing is identified by a six digit part number etched on a stainless steel nameplate riveted to the housing. The part number identifies the specific feature of the bearing. High temperature bearings are factory assembled to order and are available at extra cost. Consult Dodge Engineering for application assistance at (864)297-4800 or fax (864)281-2317.

#### AIR HANDLING

Industrial fans and blowers generally operate at high speeds with bearing requirements of long life and quiet operation. Dodge stocks SC, and SCM Air Handling Pillow Blocks and flange bearings that are specifically designed to meet the requirements of the air handling industry. These bearings are 100% noise tested, and have an air handling fit for long life and quiet operation. These bearings are recommended for fan and blower applications. Sizes and housing configurations not listed can be supplied on a made to order basis.

#### HOUSING MATERIAL

For extra corrosion resistance, a variety of housing finishes are available. Special materials include stainless steel or polymer housing, as an option. These coatings conform to U.S.D.A. and F.D.A. requirements. SC and SCM inserts can be supplied with a corrosion resistant coating on the inner and outer rings, stainless steel balls and set-screws, and nickel plated flingers as well as F.D.A. lubricant.

#### OTHER MODIFICATIONS

For applications requiring modifications not listed, we encourage you to contact our Customer Order Engineering Department at (864)284-5700 or fax (864)281-2317.



## RELATED PRODUCTS

### Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

Series	Shaft Size	Pillow Blocks		2 Bolt Flanges		4 Bolt Flanges	
		Part Number	Description	Part Number	Description	Part Number	Description
204	1/2	@	P2B-SC-008L-HT	<b>054843</b>	F2B-SC-008L-HT	@	F4B-SC-008L-HT
	5/8	@	P2B-SC-010L-HT	<b>057474</b>	F2B-SC-010L-HT	@	F4B-SC-010L-HT
	3/4	<b>053670</b>	P2B-SC-012-HT	<b>052618</b>	F2B-SC-012-HT	<b>058263</b>	F4B-SC-012-HT
	20 mm	@	P2B-SC-20M-HT	@	F2B-SC-20M-HT	@	F4B-SC-20M-HT
205	7/8	@	P2B-SC-014-HT	<b>051906</b>	F2B-SC-014-HT	@	F4B-SC-014-HT
	15/16	@	P2B-SC-015-HT	<b>056864</b>	F2B-SC-015-HT	<b>054190</b>	F4B-SC-015-HT
	1	<b>051513</b>	P2B-SC-100-HT	<b>052294</b>	F2B-SC-100-HT	<b>052015</b>	F4B-SC-100-HT
	25 mm	@	P2B-SC-25M-HT	<b>059821</b>	F2B-SC-25M-HT	@	F4B-SC-25M-HT
206	1	<b>054782</b>	P2B-SCM-100-HT	@	F2B-SCM-100-HT	@	F4B-SCM-100-HT
	1-1/8	@	P2B-SC-102-HT	<b>062877</b>	F2B-SC-102-HT	@	F4B-SC-102-HT
	1-3/16	<b>053169</b>	P2B-SC-103-HT	<b>052604</b>	F2B-SC-103-HT	<b>054419</b>	F4B-SC-103-HT
	1-1/4	<b>062829</b>	P2B-SC-104S-HT	@	F2B-SC-104S-HT	<b>049462</b>	F4B-SC-104S-HT
	30 mm	@	P2B-SC-30M-HT	@	F2B-SC-30M-HT	<b>054534</b>	F4B-SC-30M-HT
206 (SCU)	1-1/8	@	P2B-SCU-102-HT	-----	-----	-----	-----
	1-3/16	<b>059737</b>	P2B-SCU-103-HT	-----	-----	-----	-----
	1-1/4	<b>057847</b>	P2B-SCU-104S-HT	-----	-----	-----	-----
	30 mm	@	P2B-SCU-30M-HT	-----	-----	-----	-----
207	1-3/16	<b>054314</b>	P2B-SCM-103-HT	@	F2B-SCM-103-HT	@	F4B-SCM-103-HT
	30mm	@	P2B-SCM-30M-HT	<b>059673</b>	F2B-SCM-30M-HT	@	F4B-SCM-30M-HT
	1-1/4	<b>058262</b>	P2B-SC-104-HT	<b>052311</b>	F2B-SC-104-HT	<b>051826</b>	F4B-SC-104-HT
	1-3/8	@	P2B-SC-106-HT	@	F2B-SC-106-HT	@	F4B-SC-106-HT
	1-7/16	<b>050189</b>	P2B-SC-107-HT	<b>054300</b>	F2B-SC-107-HT	@	F4B-SC-107-HT
	1-7/16	<b>052531</b>	P2B-SCB-107-HT	-----	-----	-----	-----
208	35 mm	@	P2B-SC-35M-HT	@	F2B-SC-35M-HT	<b>058690</b>	F4B-SC-35M-HT
	1-7/16	<b>054276</b>	P2B-SCM-107-HT	@	F2B-SCM-107-HT	<b>054342</b>	F4B-SCM-107-HT
	1-1/2	<b>057338</b>	P2B-SC-108-HT	<b>054203</b>	F2B-SC-108-HT	<b>051827</b>	F4B-SC-108-HT
	1-5/8	@	P2B-SC-110-HT	@	F2B-SC-110-HT	<b>058194</b>	F4B-SC-110-HT
40 mm	<b>062572</b>	P2B-SC-40M-HT	@	F2B-SC-40M-HT	@	F4B-SC-40M-HT	

@ Assembled to order.

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

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## RELATED PRODUCTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

Series	Shaft Size	Pillow Blocks		2 Bolt Flanges		4 Bolt Flanges	
		Part Number	Description	Part Number	Description	Part Number	Description
209	1-1/2	<b>058380</b>	P2B-SCM-108-HT	<b>054203</b>	F2B-SCM-108-HT	<b>064557</b>	F4B-SCM-108-HT
	1-5/8	@	P2B-SC-110L-HT	@	F2B-SC-110L-HT	@	F4B-SC-110L-HT
	1-11/16	<b>053563</b>	P2B-SC-111-HT	@	F2B-SC-111-HT	<b>057212</b>	F4B-SC-111-HT
	1-11/16	<b>058619</b>	P2B-SCB-111-HT	-----	-----	-----	-----
	1-3/4	@	P2B-SC-112-HT	<b>062157</b>	F2B-SC-112-HT	<b>051825</b>	F4B-SC-112-HT
	45 mm	@	<i>P2B-SC-45M-HT</i>	@	<i>F2B-SC-45M-HT</i>	@	<i>F4B-SC-45M-HT</i>
210	1-11/16	<b>054315</b>	P2B-SCM-111-HT	@	F2B-SCM-111-HT	<b>054593</b>	F4B-SCM-111-HT
	1-3/4	@	P2B-SCM-112-HT	<b>057114</b>	F2B-SCM-112-HT	<b>057368</b>	F4B-SCM-112-HT
	1-15/16	<b>052047</b>	P2B-SC-115-HT	@	F2B-SC-115-HT	<b>052048</b>	F4B-SC-115-HT
	1-15/16	<b>052532</b>	P2B-SCB-115-HT	-----	-----	-----	-----
	2	<b>058183</b>	P2B-SC-200-HT	<b>062309</b>	F2B-SC-200-HT	<b>057132</b>	F4B-SC-200-HT
50 mm	@	<i>P2B-SC-50M-HT</i>	<b>062779</b>	<i>F2B-SC-50M-HT</i>	@	<i>F4B-SC-50M-HT</i>	
211	1-15/16	<b>052276</b>	P2B-SCM-115-HT	@	F2B-SCM-115-HT	<b>057363</b>	F4B-SCM-115-HT
	2	<b>054934</b>	P2B-SCM-200-HT	@	F2B-SCM-200-HT	<b>054065</b>	F4B-SCM-200-HT
	2-3/16	<b>053955</b>	P2B-SC-203-HT	<b>059954</b>	F2B-SC-203-HT	<b>058852</b>	F4B-SC-203-HT
	2-1/4	@	P2B-SC-204-HT	@	F2B-SC-204-HT	<b>054918</b>	F4B-SC-204-HT
	55mm	@	<i>P2B-SC-55M-HT</i>	@	<i>F2B-SC-55M-HT</i>	<b>049894</b>	<i>F4B-SC-55M-HT</i>
212	2-3/16	<b>054412</b>	P2B-SCM-203-HT	@	F2B-SCM-203-HT	@	F4B-SCM-203-HT
	2-1/4	@	P2B-SCM-204-HT	@	F2B-SCM-204-HT	@	F4B-SCM-204-HT
	2-7/16	<b>059614</b>	P2B-SC-207-HT	@	F2B-SC-207-HT	<b>057487</b>	F4B-SC-207-HT
	60 mm	<b>057800</b>	<i>P2B-SC-60M-HT</i>	<b>057800</b>	<i>F2B-SC-60M-HT</i>	<b>057801</b>	<i>F4B-SC-60M-HT</i>
214	2-7/16	<b>054316</b>	P2B-SCM-207-HT	-----	-----	<b>054917</b>	F4B-SCM-207-HT
	2-1/2	@	P2B-SCM-208-HT	-----	-----	<b>056630</b>	F4B-SCM-208-HT
	2-11/16	@	P2B-SC-211-HT	-----	-----	@	F4B-SC-211-HT
	70 mm	@	<i>P2B-SC-70M-HT</i>	-----	-----	@	<i>F4B-SC-70M-HT</i>
215	2-15/16	<b>056588</b>	P2B-SC-215-HT	-----	-----	<b>052550</b>	F4B-SC-215-HT
	75 mm	@	<i>P2B-SC-75M-HT</i>	-----	-----	@	<i>F4B-SC-75M-HT</i>
216	2-15/16	<b>054556</b>	P2B-SCM-215-HT	-----	-----	<b>052478</b>	F4B-SCM-215-HT
	3	@	P2B-SCM-300-HT	-----	-----	<b>059696</b>	F4B-SCM-300-HT
	75mm	@	<i>P2B-SCM-75M-HT</i>	-----	-----	<b>062182</b>	<i>F4B-SCM-75M-HT</i>
218	3-7/16	<b>049991</b>	P2B-SCM-307-HT	-----	-----	<b>057708</b>	F4B-SCM-307-HT
	3-1/2	@	P2B-SCM-308-HT	-----	-----	<b>058633</b>	F4B-SCM-308-HT

@ Assembled to order.

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## RELATED PRODUCTS

### Setscrew Ball Bearings HIGH TEMPERATURE SC & SCM BALL BEARINGS

Series	Shaft	Tapped Base Pillow Blocks		Flanged Bracket	
	Size	Part Number	Description	Part Number	Description
204	3/4	<b>059636</b>	TB-SC-012-HT	@	FB-SC-012-HT
205	1	<b>057906</b>	TB-SC-100-HT	@	FB-SC-100-HT
207	1-1/4	@	TB-SC-104-HT	<b>056578</b>	FB-SC-104-HT
211	2-3/16	<b>050555</b>	TB-SC-203-HT		

Series	Shaft	Non Expansion Pillow Blocks		Expansion Pillow Blocks	
	Size	Part Number	Description	Part Number	Description
206	1-3/16	<b>054062</b>	P2B-SCH-103-HT	<b>054063</b>	P2B-SCH-103-EHT
207	1-7/16	<b>053894</b>	P2B-SCH-107-HT	<b>053895</b>	P2B-SCH-107-EHT

Series	Shaft	Piloted Flanges	
	Size	Part Number	Description
206	1	<b>058652</b>	FC-SCM-100-HT
208	1-1/2	<b>053871</b>	FC-SC-108-HT
	1-1/2	<b>057683</b>	FC-SCM-108-HT
211	1-15/16	<b>058915</b>	FC-SCM-115-HT
	2-1/4	<b>058233</b>	FC-SC-204-HT
212	2-7/16	<b>058738</b>	FC-SC-207-HT
	55 mm	<b>054837</b>	FC-SCM-55M-HT
216	2-15/16	<b>054831</b>	FC-SCM-215-HT
	3	<b>056911</b>	FC-SCM-300-HT

Series	Shaft	Wide Slot Take-up		Narrow Slot Take-up	
	Size	Part Number	Description	Part Number	Description
210	1-15/16	<b>057265</b>	WSTU-SC-115-HT	<b>054580</b>	NSTU-SC-115-HT
211	55 mm	<b>049893</b>	WSTU-SC-55M-HT	@	NSTU-SC-55M-HT
	1-15/16	<b>049891</b>	WSTU-SCM-115-HT	@	NSTU-SCM-115-HT
212	2-7/16	<b>057839</b>	WSTU-SC-207-HT	@	NSTU-SC-207-HT
214	2-7/16	<b>049811</b>	WSTU-SCM-207-HT	@	-----
215	2-15/16	<b>059844</b>	WSTU-SC-215-HT	@	-----

@ Assembled to order.

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

FEATURES/BENEFITS PAGE B3-2	SELECTION PAGE B3-6	SELECTION/DIMENSIONS PAGE B3-10	MODIFICATION/ACCESSORIES PAGE B3-132
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## RELATED PRODUCTS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Sealscrew Ball Bearing

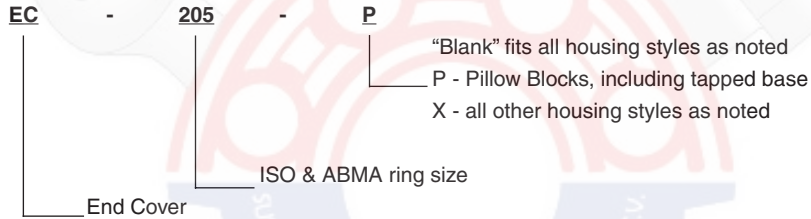
Eccentric Collar Ball Bearing

### DODGE Ball Bearing End Covers\*



- \* Fits all styles of DODGE cast iron housed ball bearings: Pillow Blocks, 2 and 4 Bolt Flanges, and Take-Up bearings
- \* Injected molded, impact resistant, OSHA safety yellow end covers meet requirements for exposed rotating shafts
- \* Stainless steel "C" Washer for gripping power
- \* No modification or machining of existing housings required
- \* Concentric knockout grooves on inside of end cover for thru-shaft
- \* DODGE six digit part number and description embossed inside
- \* Operating temperature to 250°F
- \* For non relubricable/sealed for life applications (-NL), part number **430020** hex head plug is available

#### Nomenclature



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## RELATED PRODUCTS

### DODGE Ball Bearing End Covers\*

Series	Pillow Blocks Std, U, B	Tapped Base PB	2 Bolt Flange	Flanged Bracket	4 Bolt Flange	Piloted Flange (FC)	Narrow Slot Take-Up	Wide Slot Take-Up
203	X		X		X			
204	X	X	X	X	X		X	X
205	X	X	X	X	X		X	X
206	X	X	X	X	X	@	X	X
207	X	X	X	X	X	@	X	X
208	X	X	X		X	@	X	X
209	X	X	X		X	@	X	X
210	X	X	X	X	X	@	X	X
211	X	X	X		X	NA	X	X
212	X		X		X	NA	X	X
214	X				X	NA		X
215	X				X			X
216	X				X	X		X
218	X				X	X		

\* = Will not fit LF, LFT, SCHB, HNGR & CYL  
 @ = Some modification required

NA = Will not fit  
 X = Will fit

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

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## RELATED PRODUCTS

Bearing Quick Reference

E-Z KLEEN

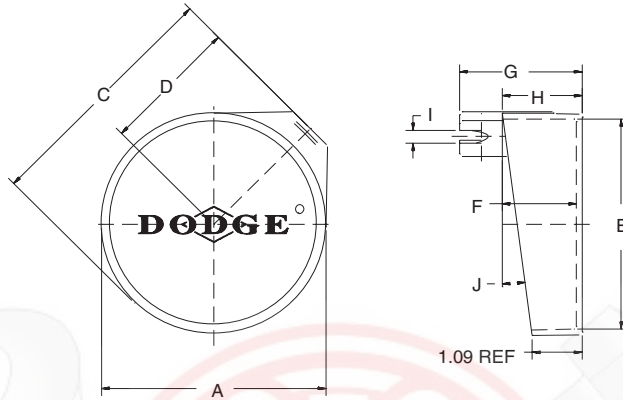
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings

#### BALL BEARING END COVERS FOR PILLOW BLOCKS & TAPPED BASE UNITS



Series	Shaft Size*		Part Number	Description
	SC, VSC, DL, SXR, SXV	SCM, DLM, SCH, SXRH, DLH		
203	1/2 & 5/8 17mm	-----	<b>128200</b>	EC-203-P
204	1/2 - 3/4 20mm	-----	<b>128202</b>	EC-204-P
205	7/8 - 1 25mm	-----	<b>128204</b>	EC-205-P
206	1-1/16 - 1-1/4 30mm	1 25mm	<b>128206</b>	EC-206-P
207	1-1/4 - 1-7/16 35mm	1-3/8 & 1-1/4 30mm	<b>128208</b>	EC-207-P
208	1-1/2 - 1-5/8 40mm	1-7/16 35mm	<b>128210</b>	EC-208-P
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	<b>128212</b>	EC-209-P
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	<b>128214</b>	EC-210-P
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	<b>128216</b>	EC-211-P
212	2-1/4 - 2-7/16 60mm	2-3/16 - 2-1/4 55mm	<b>128218</b>	EC-212-P

\*NOTE: SCH, SXRH, and DLH use the next larger end cover. E.g. A P2B-DLH-103 would use a EC-207-P.

For no re-lube (\_NL) applications, part number **430030**, hex head plus is available

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## RELATED PRODUCTS

### Setscrew Ball Bearings

#### BALL BEARING END COVERS FOR PILLOW BLOCKS & TAPPED BASE UNITS

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size*		A	B	C	D	E	F	G	H	I	J
	SC, VSC, DL, SXR, SXV	SCM, DLM, SCH, SXRH, DLH										
203	1/2 & 5/8 17mm	-----	1-25/32 45.2	1-43/64 42.4	2-7/64 53.6	1-3/32 27.7	1-41/64 41.7	49/64 19.56	1-29/64 37.1	29/32 22.9	1/4 6.4	9°
204	1/2 - 3/4 20mm	-----	2-3/64 52.0	1-27/32 46.7	2-37/64 65.3	1-19/64 33.0	1-55/64 47.2	1-1/64 25.65	1-49/64 45.0	1-5/32 29.5	5/16 7.9	11°
205	7/8 - 1 25mm	-----	2-3/8 60.2	2-3/16 55.6	2-13/16 71.4	1-3/16 35.0	2-5/32 54.9	1-1/16 26.92	1-7/8 47.8	1-7/32 31.0	11/32 8.6	9°
206	1-1/16 - 1-1/4 30mm	1 25mm	2-47/64 69.3	2-17/32 64.3	3-21/64 84.3	1-45/64 43.2	2-1/2 63.5	1-15/64 31.5	2-5/32 54.9	1-13/32 35.6	23/64 8.9	9°
207	1-1/4 - 1-7/16 35mm	1-3/6 & 1-1/4 30mm	3-1/4 82.6	3 76.20	3-51/64 96.3	1-29/32 48.5	3-1/64 76.7	1-5/16 33.27	2-11/32 59.4	1-31/64 37.6	3/8 9.4	7° 3'
208	1-1/2 - 1-5/8 40mm	1-7/16 35mm	3-3/8 85.9	3-1/8 79.5	4 101.60	2-1/16 52.3	3-7/64 79.0	1-19/64 33.02	2-13/32 61.0	1-1/2 38.1	27/64 10.7	6°
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	3-11/16 93.7	3-15/32 88.1	4-17/64 108.2	2-11/64 55.1	3-13/32 86.6	1-21/64 33.78	2-21/64 59.2	1-17/32 38.9	25/64 9.9	7°
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	3-7/8 98.6	3-37/64 90.9	4-1/2 114.3	2-19/32 59.2	3-37/64 90.9	1-23/64 34.29	2-1/2 63.5	1-9/16 39.6	31/64 12.5	9°
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	4-27/64 12.3	4 101.60	5-1/16 128.5	2-19/32 66.0	4-1/8 104.7	1-13/32 35.81	2-37/64 65.3	1-5/8 41.2	29/64 11.4	7°
212	2-1/4 - 2-7/16 60m	2-3/16 - 2-1/4 55mm	4-59/64 125.0	4-15/32 113.3	5-29/64 138.7	2-3/4 69.9	4-39/64 117.1	1-17/32 38.86	2-11/16 68.3	1-3/4 44.5	13/32 10.4	8°

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## RELATED PRODUCTS

Bearing Quick Reference

E-Z KLEEN

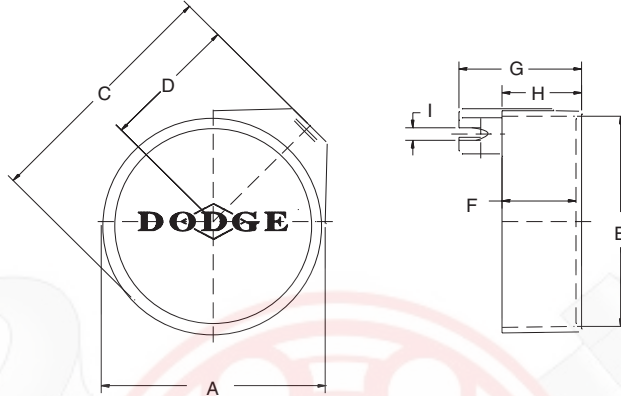
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings

BALL BEARING END COVERS FOR MOUNTED UNITS OTHER THAN PILLOW BLOCKS & TAPPED BASE UNITS



Series	Shaft Size*		Part Number	Description
	SC, VSC, DL, SXR, SXV	SCM & DLM		
203	1/2 & 5/8 17mm	----- -----	<b>128201</b>	EC-203-X
204	1/2 - 3/4 20mm	----- -----	<b>128203</b>	EC-204-X
205	7/8 - 1 25mm	----- -----	<b>128205</b>	EC-205-X
206	1-1/16 - 1-1/4 30mm	1 25mm	<b>128207</b>	EC-206-X
207	1-1/4 - 1-7/16 35mm	1-3/6 & 1-1/4 30mm	<b>128209</b>	EC-207-X
208	1-1/2 - 1-5/8 40mm	1-7/1 635mm	<b>128211</b>	EC-208-X
209	1-5/8 - 1-3/4 45mm	1-1/2 40mm	<b>128213</b>	EC-209-X
210	1-15/16 & 2 50mm	1-11/16 & 1-3/4 45mm	<b>128215</b>	EC-210-X
211	2 - 2-1/4 55mm	1-15/16 & 2 50mm	<b>128217</b>	EC-211-X
212	2-1/4 - 2-7/16 60mm	2-3/16 - 2-1/4 55mm	<b>128219</b>	EC-212-X

\*NOTE: Above end covers will not fit the LF and LFT bearings

For no re-lube (\_NL) applications, part number **430030**, hex head plus is available

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## RELATED PRODUCTS

### Setscrew Ball Bearings

**BALL BEARING END COVERS FOR MOUNTED UNITS OTHER THAN PILLOW BLOCKS & TAPPED BASE UNITS**

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size*		Weight lbs gm	A	B	C	D	E	F	G	H	I
	SC, VSC, DL, SXR, SXV	SCM & DLM										
203	1/2 & 5/8	-----	0.02	1-51/64	1-43/64	2-13/64	1-3/16	1-41/64	51/64	1-29/64	15/16	1/4
	17mm	-----	1	45.5	42.4	56.1	30.2	41.7	20.3	37.1	23.9	6.4
204	1/2 - 3/4	-----	0.03	2-7/32	2	2-47/64	1-25/64	2-1/32	1-1/64	1-13/16	1-5/32	5/16
	20mm	-----	15	56.1	50.8	69.6	35.3	51.6	25.7	45.7	29.5	7.9
205	7/8 - 1	-----	0.05	2-3/8	2-3/16	3-3/64	1-19/32	2-5/32	1-1/64	1-53/64	1-11/64	11/32
	25mm	-----	24	60.2	55.6	77.2	40.6	54.9	25.7	46.5	29.7	8.7
206	1-1/16 - 1-1/4	1	0.08	2-47/64	2-17/32	3-21/64	1-45/64	2-1/2	1-3/16	2-1/16	1-23/64	23/64
	30mm	25mm	36	69.3	64.3	84.3	43.2	63.5	30.2	52.3	34.5	8.9
207	1-1/4 - 1-7/16	1-3/8 & 1-1/4	0.12	3-1/4	3	3-27/32	1-31/32	3-1/64	1-11/32	2-11/32	1-17/32	3/8
	35mm	30mm	53	82.6	76.2	97.5	50.0	76.7	34.5	59.4	38.9	9.4
208	1-1/2 - 1-5/8	1-7/16	0.14	3-3/8	3-1/8	4	2-1/16	3-7/64	1-19/64	2-13/32	1-1/2	27/64
	40mm	65mm	64	85.9	79.5	101.60	52.3	79.0	33.0	61.0	38.1	10.7
209	1-5/8 - 1-3/4	1-1/2	0.16	3-11/16	3-15/32	4-17/64	2-11/64	3-13/32	1-23/64	2-21/64	1-17/32	25/64
	45mm	40mm	73	93.7	88.1	108.2	55.1	86.6	34.3	59.2	38.9	9.9
210	1-15/16 & 2	1-11/16 & 1-3/4	0.18	3-7/8	3-37/64	4-1/2	2-21/64	3-9/16	1-23/64	2-33/64	1-9/16	31/64
	50mm	45mm	82	98.6	90.9	114.3	59.2	90.9	34.3	63.8	39.6	12.4
211	2 - 2-1/4	1-15/16 & 2	0.24	4-27/64	4	5-1/16	2-19/32	4-1/8	1-29/64	2-37/64	1-21/32	29/64
	55mm	50mm	108	112.3	101.6	128.5	66.0	104.7	36.8	65.3	42.2	11.4
212	2-1/4 - 2-7/16	2-3/16 - 2-1/4	0.27	4-59/64	4-15/32	5-15/32	2-3/4	4-39/64	1-35/64	2-11/16	1-3/4	13/32
	60mm	55mm	124	125	113.3	138.7	69.9	117.1	39.1	68.3	44.5	10.4

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## RELATED PRODUCTS

Bearing Quick Reference

E-Z KLEEN

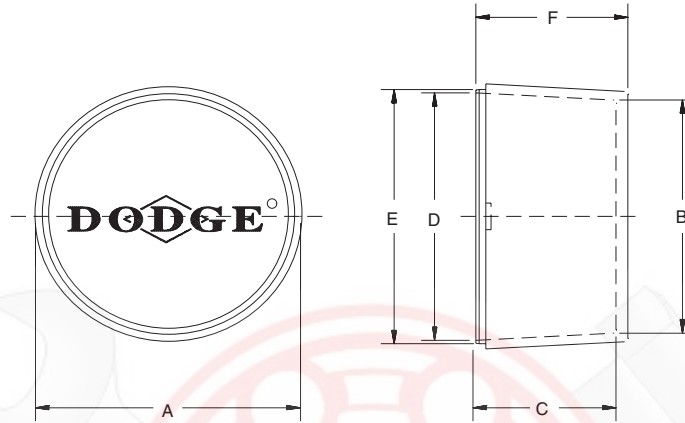
GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

### Setscrew Ball Bearings

#### BALL BEARING END COVERS FOR MOUNTED UNITS 214 SERIES & LARGER



Series	Shaft Size		Part Number	Description
	SC, VSC, DL, SXR, SXV, SCHSXRH, DLH	SC, VSC, DL, SCM & DLM		
214	2-1/2 & 2-11/16 70mm	2-7/16 & 2-1/2 65mm	128220	EC-214
215	2-15/16 75mm	2-11/16 70mm	128221	EC-215
216	----- -----	2-15/16 & 3 75mm	128222	EC-216
218	----- -----	3-7/16 & 3-1/2 85mm	128223	EC-218

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## RELATED PRODUCTS

### Setscrew Ball Bearings

Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setscrew Ball Bearing

Eccentric Collar Ball Bearing

Series	Shaft Size		Weight lbs gm	A	B	C	D	E	F
	SC, VSC, DL, SXR, SXV, SCHSXRH, DLH	SC, VSC, DL, SCM & DLM							
214	2-1/2 & 2-11/16	2-7/16 & 2-1/2	0.33	4-15/16	4-7/16	2-39/64	4-39/64	4.741/4.737	2-53/64
	70mm	65mm	151	125.5	112.8	66.3	117.1	120.4/120.3	71.9
215	2-15/16	2-11/16	0.36	5-3/32	4-49/64	2-29/64	4-3/4	4.944/4.940	2-7/8
	75mm	70mm	164	129.3	120.9	62.5	120.7	125.6/125.5	72.9
216	-----	2-15/16 & 3	0.44	5-9/16	5-15/64	2-47/64	5-13/64	5.350/5.346	2-63/64
	-----	75mm	201.00	141.2	132.8	69.6	132.1	135.9-135.8	75.7
218	-----	3-7/16 & 3-1/2	0.57	6-5/16	5-29/32	2-27/32	5-15/16	6.100/6.096	3-3/32
	-----	85mm	257	160.3	149.9	72.1	150.6	154.9/154.8	78.5

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## NOTES

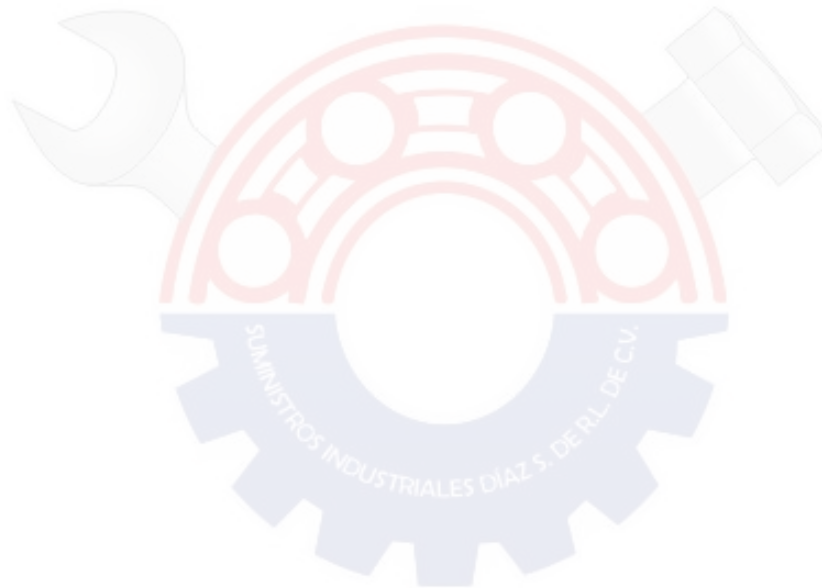
Bearing Quick Reference

E-Z KLEEN

GRIP TIGHT Adapter Ball Bearing

Setcrew Ball Bearing

Eccentric Collar Ball Bearing



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D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## NOTES

D-LOK

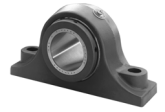
Type E Family

Specialty Tapered

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## FEATURES/BENEFITS

### Type E/DOUBLE-INTERLOCK/Type K/TAF

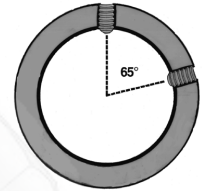
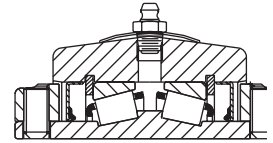
These four product lines have many common features and benefits that are shown on this page. Unique features for each product are shown on the following pages.

The common components used by all four lines include:

- Bearings
- Seals
- Locking collars
- Bore range

### General Features:

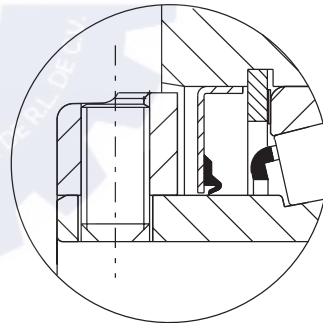
- Factory assembled, adjusted and prelubricated
- Case hardened rollers and races
- Easy installation and maintenance
- 65 degree set screw angle Springlok collar/flingers - more holding power than 90 to 120 degree
- Single rubber lip contacting seals



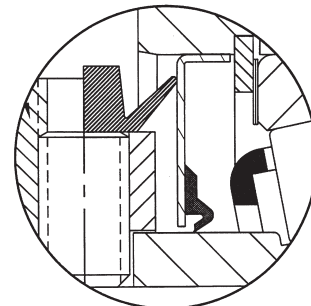
## Exclusive Sealing Designs And Features

### Rolling Elements Never Exposed to Contaminants

- Exclusive "R" Seal features a combination metal shield and positive land riding contacting lip seal. Keeps contaminants out, lubricants in.
- E-TECT Seal option gives extra protection with a combination face rubbing seal in addition to the "R" Seal System (See page B6-58)
- TIMKEN™ tapered roller bearing inserts allow for combination radial and thrust loads.
- Lip design conform to cones. permits grease to purge.
- Close fit oversized collars act as flingers for added protection in dusty or damp environments

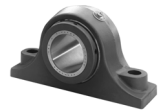


Standard "R" Seal System



E-TECT Seal System





## FEATURES/BENEFITS

D-LOK

### Type E

## DODGE Type E One Bearing, One Seal For Dusty or Damp Environments

Type E Family



- “E” stands for economy
- Type E allows easy upgrade from ball bearings
- Interchangeable mounting dimensions with ball bearings
- Moderate price premium vs. ball bearings
- Steel housed pillow blocks available in selected sizes

Specialty Tapered

## The Original DODGE Type E Bearing, Only Better

- Provides added protection against contamination
- Completely assembled, factory adjusted and properly lubricated - **shaft ready**
- Stocked in all configurations
- Extra protection - E-TECT seal option
- Steel end covers available up to 3", 75mm

S-2000



Top Angle Take-Ups  
1-3/4 to 4"  
45 - 100 mm



Center Pull Frame With  
Wide Slot Take-up  
1-3/8 to 3"  
35 - 75 mm



Pillow Block  
1-3/16 to 7"  
35 - 180 mm



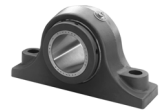
Piloted Flange  
1-3/16 to 5"  
35 - 125 mm



Flange  
1-3/16 to 4-12"  
35 - 115 mm

UNISPHERE II





## FEATURES/BENEFITS

### Type K and DOUBLE-INTERLOCK

## DODGE DOUBLE-INTERLOCK COMBINES DURABILITY WITH MOUNTING FLEXIBILITY

### Heavy Duty Housing Construction Has Proven Performance

- Offers tapered roller bearing durability in a variety of mounting styles
- Extra protection E-TECT Seal Option
- Special clearances and greases available
- Self aligning
- Factory assembled, adjusted and lubricated - **shaft ready**
- End covers available up to 5"



Pillow Block  
1-3/16 to 7"



Flanges  
1-3/16 to 5"



D Unit  
1-3/16 up to 5"



S-1 Unit

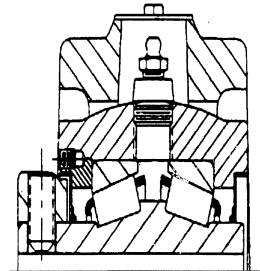


B-1 Unit  
1-3/16 up to 5"

## DODGE TYPE K FITS WHERE COMPETITORS WON'T

### Tapered Roller Bearings With Reduced Length Thru Bore

- Reduces length thru bore design in a variety of mounting styles
- Single collar design saves space and installation time
- Allows bearing to be closer to the load for reduced shaft design
- Self-aligning
- Factory assembled, adjusted and lubricated - **shaft ready**
- Same housing as DOUBLE-INTERLOCK
- End covers available up to 5"



Flange Expansion and Non-Expansion  
1-3/16 - 3-15/16



S-1 & B-1 Units  
1-3/16 - 3-15/16"



Wide Slot Take-Up Frame  
1-3/8 - 3"



Pillow Block Expansion & Non-Expansion  
1-3/16 - 3-15/16"



Top Angle Take-Ups  
1-3/4 - 3-15/16"

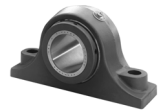
D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



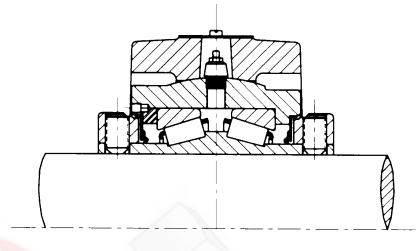
## FEATURES/BENEFITS

### TAF

## TAF IS A COST SAVING ALTERNATIVE TO SAF SPHERICAL BEARINGS

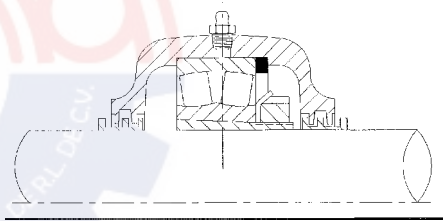
### Mounts Fast, Stays Cleaner And Extends Service Life

- **Shaft ready** - mounts six times faster than SAF
- Interchangeable with SAF style pillow blocks
- Self-aligning, factory assembled, adjusted and lubricated
- Available in 1-7/16" up to 7" shaft diameters
- Equipped with expansion or non-expansion housing
- E-TECT seal option available up to 7"
- Optional Smart Housings accommodate speed, vibration and temperature sensor kits



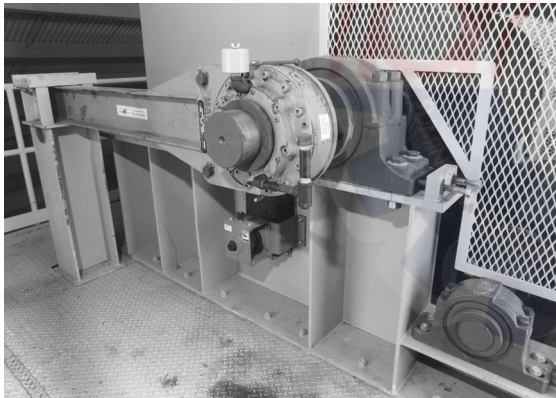
TAF

Self-aligning provided by spherically machined housing

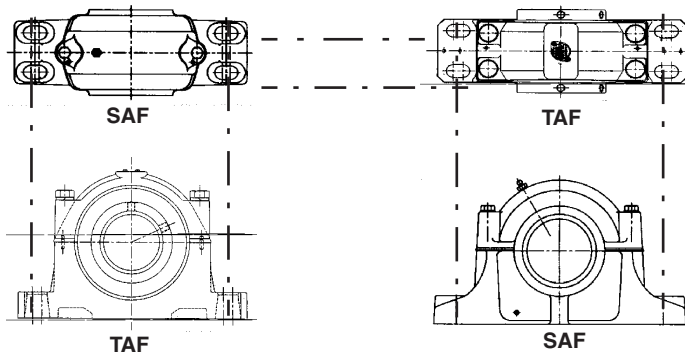


SAF

Self-aligning provided by insert, limited by seal interference



### TAF Is Interchangeable With SAF Mounting Dimensions



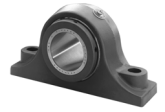
D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II



## FEATURES/BENEFITS

### Type K/DOUBLE-INTERLOCK/TAF

## DODGE BEARINGS SAVE YOU TIME AND MONEY

### Compare These DODGE TAF, Type K & DOUBLE-INTERLOCK Bearing Advantages Against Standard SAF Pillow Blocks

#### Standard SAF

- Four prices
- Up to six packages
- Open bearing
- Feeler gauge required
- Grease required

#### DODGE TAF, Type K and DOUBLE-INTERLOCK

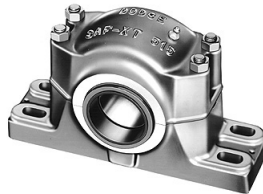
- One price
- Sealed bearing
- Factory adjusted
- Factory lubricated
- **Shaft ready**



### Compare Standard SAF and DODGE Sealing Designs

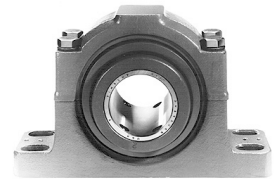
#### Standard SAF

- Seals ride independently of bearing
- Less than 1° static misalignment
- Sealing effectiveness decreases as misalignment increases
- Seals distort when misalignment occurs



#### DODGE TAF, Type K and DOUBLE-INTERLOCK

- Inner unit carries seal
- Up to 5° static misalignment
- Seal and bearing ride together in inner unit
- Seals maintain contact on cones even with misalignment



D-LOK

Type E Family

Speciality Tapered

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## SPECIFICATION

D-LOK

Type E Family

Specialty Tapered

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### Type E, Type K, DOUBLE-INTERLOCK and TAF

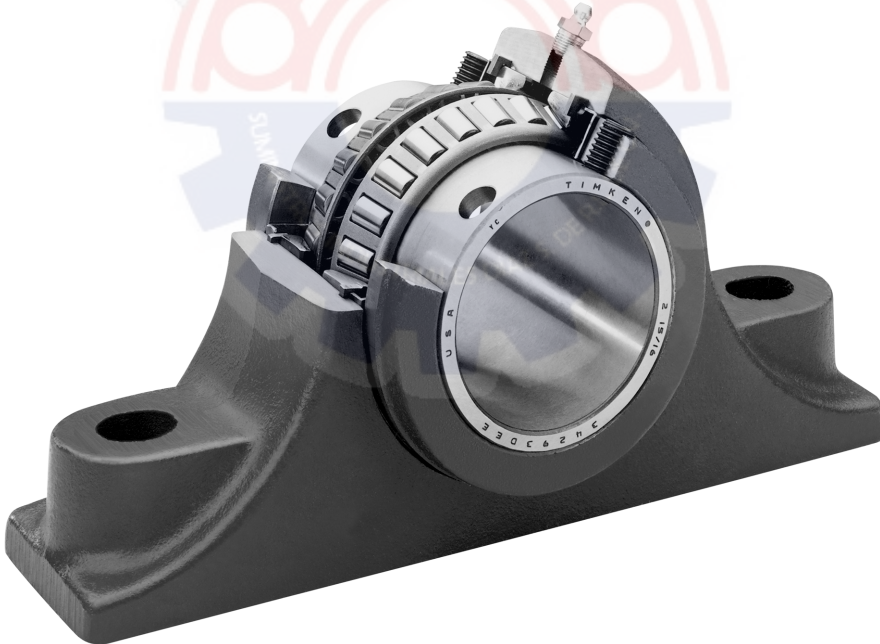
Type E, Type K, DOUBLE-INTERLOCK and TAF mounted bearings are all general purpose high capacity tapered roller bearings capable of handling any combination of radial and thrust load within the capacity of the bearing.

All of these bearings are mounted to the shaft by means of set screw collars having 65 degree set screw spacing for optimum clamping force. The Type E, DOUBLE-INTERLOCK, and TAF mounted bearings have a locking collar at each end of their extended inner races. Type K has a single locking collar. The tapered roller bearings for these mounted bearings all have case carburized inner races (cones), outer races (cups), and rollers.

Bearings are preassembled, prelubricated and factory adjusted. They are normally equipped with land riding contact type seals with a metal deflector guard.

The standard housing material for most of these mounted bearings is ASTM A48 Class 30 Iron having a minimum tensile strength of 30,000 psi. The outer housing for the Type K and DOUBLE-INTERLOCK flange bearings thru 4, bore size utilize housings made of ductile iron (ASTM A536 Grade 65-45-12) with 65,000 psi tensile strength. Type E pillow blocks are also available with cast steel housing having a tensile strength of 70,000 psi for 2 bolt base thru 3-1/2" bore size and 4 bolt base from 3-15/16" thru 5" bore size on an assembled or order basis.

The Type K, DOUBLE-INTERLOCK pillow blocks and flange bearings plus the TAF pillow blocks all have split outer housings used with completely assembled, lubricated and adjusted inner units simplifying replacement of the bearing in the pillow block or flange bearing. All Type E mounted bearings, Type K take up units and all D units, S-1 units, and B-1 units have solid one piece housings.



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## HOW TO ORDER

### Type E, Type K, DOUBLE-INTERLOCK and TAF

There are two ways to specify DODGE Bearings. Most of the product offering have part numbers with listings shown throughout this catalog. Use of part numbers ensures accurate order processing.

When part numbers are not shown, the product may be specified by description or part name. This method is used when ordering units that include modifications or options. To order by description, use the nomenclature key shown on page and add any special instructions to the end of the description for options not covered by the nomenclature.

### SPECIAL BEARING REQUIREMENTS AND SPECIAL LUBRICANTS

DODGE Bearings are factory adjusted and pre-lubricated. For applications where extreme ambient temperatures, high speeds or high loads are expected, a variety of specialty lubricants and adjustments are available. Standard grease provided is Mobilith AW 2 up to 5", 125mm bore. Above 5" bore Mobil Mobilux #2EP is

standard. High temperature greases available include Molulballoy 896 HT and Mobilith SHC460. Other special lubricants are available upon request. Special lubricant options usually involve set-up charges and premiums. To order, specify type of lubricant required at the end of the product name or after the standard part number.

Example:

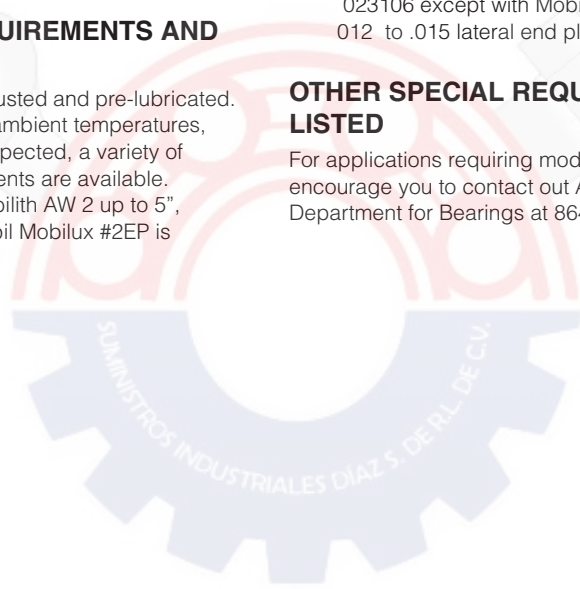
F4B-E-207 except with Mobilith SHC 460 grease and .012 to .015 lateral end play

or

023106 except with Mobilith SHC 460 grease and .012 to .015 lateral end play

### OTHER SPECIAL REQUIREMENTS NOT LISTED

For applications requiring modifications not listed, we encourage you to contact our Application Engineering Department for Bearings at 864-284-5700.



D-LOK

Type E Family

Speciality Tapered

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## NOMENCLATURE

### Type E, Type K, DOUBLE-INTERLOCK and TAF

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

P2B - DI - 207 - RE\*

#### HOUSING STYLE OPTION

P2B = Pillow Block  
2-Bolt, Cast Iron

P4B = Pillow Block  
4-Bolt, Cast Iron

SP2B - Pillow Block  
2-Bolt, Cast Steel

SP4B = Pillow Block  
4-Bolt, Cast Steel

F4B = Flange Bearing  
4-Bolt, Cast Iron

FC = Piloted Flange  
Bearing (Flanged  
Cartridge)

B1U = B1 Unit, Cast Iron

DU = D Unit, Cast Iron

S1U = S-1, Unit, Cast Iron

WSTU = Wide Slot Take-Up  
Bearing, Cast Iron

TP = Top Angle Take-Up Bearing  
Cast Iron

H2S = Pillow Block Housing Only  
2-Bolt, Cast Iron

H4S = Pillow Block Housing  
4-Bolt, Cast Iron

#### BEARING TYPE OPTIONS

E = Type E

K = Type K

DI = DOUBLE-INTERLOCK

TAF = TAF

#### SIZE

INCHES & 16TH  
2 = 2 Inches

07 = 7/16 Inches  
Or

207 = 2-7/16"

METRIC  
060M = 60  
Millimeters

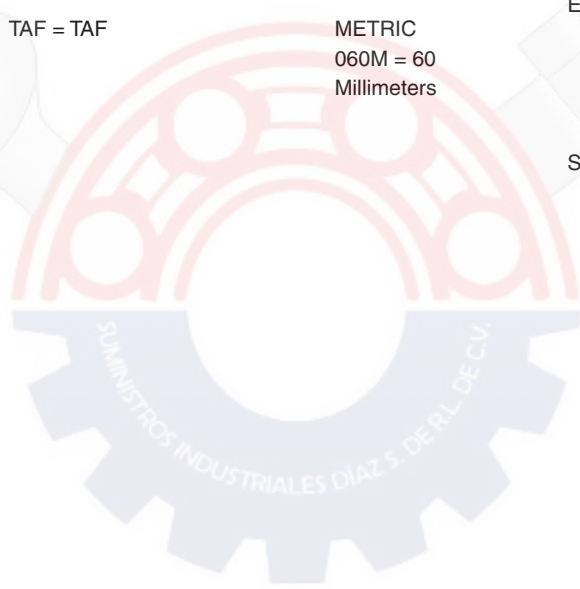
#### OTHER OPTIONS

R = Land Riding Rubbing  
Seal

T = E TECT Seal

E = Expansion Type Bearing.  
**Note:** If E Does Not  
Appear After Seal Type,  
Then Bearing Is Non-  
Expansion Type

SMART = Drilled For Sensor  
Kits



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PAGE B6-3

SPECIFICATION  
PAGE B6-8

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PAGE B6-11

SELECTION/DIMENSIONS  
PAGE B6-22

B6-10



## SELECTION

### Type E, Type K, DOUBLE-INTERLOCK and TAF Tapered Roller Bearings

DODGE Type E, K, DI and TAF Double Row Tapered Roller Bearings have the capacity to carry heavy radial loads and combined radial and thrust loads. The maximum recommended load which can be applied is limited by various components in the system such as bearing, housing, shaft, shaft attachment, speed and life requirements as listed in this catalog. DODGE tapered roller bearings have been applied successfully even when these limits have been exceeded under controlled operating conditions. Contact DODGE Application Engineering (864) 297-4800 for applications which exceed the recommendations of this catalog.

**L<sub>10</sub> Hours Life** --- The life which may be expected from at least 90% of a given group of bearings operating under identical conditions.

$$L_{10} = \left( \frac{C_{90}}{P} \right)^{10/3} \times \frac{1,500,000}{\text{RPM}}$$

Where: C<sub>90</sub> = Dynamic Capacity (Table 1, pg. B6-14), lbs.

P = Equivalent Radial Load, lbs.

### GENERAL

**Heavy Service** --- For heavy shock loads, frequent shock loads, or severe vibrations, add up to 50% (according to severity of conditions) to the Equivalent Radial Load. Consult DODGE Application Engineering for additional selection assistance.

Thrust load values shown in the table below are recommended as a guide for general applications that will give adequate L<sub>10</sub> life for pillow blocks. The maximum thrust load should not exceed values shown on Table. Where substantial radial load is also present, it is advisable to calculate actual L<sub>10</sub> life to assure that it meets the requirements. The effectiveness of the shaft attachment to carry thrust load depends on proper tightening of the setscrews, shaft tolerance and shaft

deflections. Therefore, it is advisable to use auxiliary thrust carrying devices such as shaft shoulder, snap ring or a thrust collar to locate the bearing under thrust loads heavier than shown below, or where extreme reliability is desired.

	RPM RANGE	20-200	201 - 2000	Over 2000
<b>RECOMMENDED THRUST LOAD</b>	E, DI, TAF	C <sub>90</sub> /4	C <sub>90</sub> /8	C <sub>90</sub> /12
	K	C <sub>90</sub> /5	C <sub>90</sub> /8	C <sub>90</sub> /12

The shaft tolerances recommended below are adequate for normal radial and radial/thrust load applications. The radial load is limited by the attachment to the shaft (see Table 1). Where the applied radial load (F<sub>R</sub>) exceeds this limit (maximum allowable slip fit radial load), a snug-to-tight press fit of the shaft is required. Since the allowable load, especially at a low speed, is very large, the shaft should be checked to assure adequate shaft strength.

The magnitude and direction of both the thrust and radial load must be taken into account when selecting a housing. **When pillow blocks are utilized, heavy loads should be directed through the base. Where uplift loads are involved, see Tables 6, 7, and, pg. B6-19 for maximum values.** Where a load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices such as shear bars are advisable for side or end loading of pillow blocks and radial load for flange units.

SHAFT SIZE	TOLERANCE, INCHES
UP TO 1-1/2"	+ .0000 - .0005"
1-5/8 TO 4"	+ .000 - .001"
4-7/16 TO 6"	+ .000 - .0015"
6-7/16 - 8"	+ .000 - .002"

**NOTE:** The L<sub>10</sub> life calculated using the above formula is subject to life adjustment factors in accordance with ABMA standards described on page B16-9.

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## SELECTION

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

## Type E, Type K, DOUBLE-INTERLOCK and TAF Tapered Roller Bearings

### SELECTING BEARINGS SUPPORTING RADIAL LOADS ONLY

1. Define  $L_{10}$  Life Hours desired.
2. Establish bearing radial load,  $F_R$  ( $F_R = P$  for Pure Radial Load Conditions). The DODGE program BEST™\* can be used to find application loads.
3. Establish RPM.

Using the easy selection Table 2, pg B6-15. find, under the RPM column, the equivalent radial load that equals or is higher than the application radial load for the desired life. The shaft size on the far left will be the minimum shaft size that you can use for your application. If the desired life is different than the values shown on the chart, use alternate Method A shown below.

- Example:
1.  $L_{10}$  Life = 30,000 Hours
  2. Radial load = 3800 lbs.
  3. RPM = 1,000

At the intersection of the 1,000 RPM column and the 30,000 hours  $L_{10}$  life row, the equivalent radial load of 3910 lbs. exceeds the 3800 lbs. radial load for shaft sizes 2-11/16,-3". A bearing with bore ranging from 2-11/16" to 3" may be used for this application.

### ALTERNATE METHOD A --- SELECTING A BEARING FOR AN L10 LIFE VALUE NOT SHOWN IN THE EASY SELECTION CHART.

The  $L_{10}$  life equation can be rearranged so that the bearing dynamic capacity  $C_{90}$  is identified in terms of  $L_{10}$ , RPM and P.

$$C_{90} = \left( \frac{L_{10} \times \text{RPM}}{1,500,000} \right)^{0.3} \times P$$

( $P = F_R$  for Pure Radial Load Conditions)

Since the  $L_{10}$ , RPM, and P are known, solve for  $C_{90}$ . Select from the dynamic capacity column on Table 1, pg B6-14.

The  $C_{90}$  value equal to or greater than the  $C_{90}$  value just calculated. The bore size on the far left represents the bore size selection. Check that the application RPM does not exceed the MAX. RPM on Table 1. Also check that the radial load does not exceed the Maximum Allowable Slip Fit Radial Load shown on Table 1. If it does, a line to line to light press fit of shaft is required. When selecting an  $L_{10}$  life of less than 30,000 hours, particular attention must be paid to shaft deflection and proper lubricant selection.

### SELECTING BEARINGS SUPPORTING COMBINATION RADIAL AND THRUST LOADS

When a bearing supports both a radial load and a thrust load, the loading on the two rows is shared unequally depending on the ratio of thrust to radial load. The use of the X (radial factor) and Y (thrust factor) from Table 1 converts the applied thrust load and radial loads to an equivalent radial load having the same effect on the life of the bearing as a radial load of this magnitude.

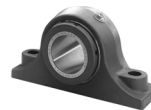
The equivalent radial load  $P = XF_R + YF_A$

- Where:
- P= Equivalent radial load, lbs.
  - $F_R$ = Radial load, lbs.(see Table 1 for allowable slip fit maximum)
  - $F_A$ = Thrust (axial) load, lbs.
  - e** = Thrust load to radial load factor (Table 1)
  - X = Radial load factor (Table 1)
  - Y= Thrust load factor (Table 1)

To find X and Y, calculate  $F_A/F_R$  and compare to **e** for the selected bore size. Determine X and Y from Table 1, pg. B6-14 depending on whether  $F_A/F_R$  is equal to or less than **e**, or  $F_A/F_R$  is greater than **e**. Substitute all known values into the equivalent radial load equation. P (equivalent radial load) can be used in the life formula to determine  $L_{10}$ , or it can be compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection Table 2, pg B6-15.

\*The DODGE Bearing Evaluation and Selection Technique (BEST) is a menu driven computer program that calculates bearing loads, fatigue life and operating temperature for a two bearing shaft system based on user supplied input parameters. To order, call (864) 287-4800.

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## SELECTION

### Type E, Type K, DOUBLE-INTERLOCK and TAF

#### SELECTING BEARINGS SUPPORTING ONLY THRUST LOADS

Tapered Roller Bearings perform extremely well under pure thrust load applications. Use  $P = YF_A$  for the equivalent radial load. The value of Y is obtained from Table 1, pg. B6-14 for  $F_A/F_R > e$ . Substitute Y and  $F_A$  into the equivalent load equation. P (equivalent radial load) can be used in the life formula to determine  $L_{10}$  or it can be compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection Table 2, pg. B6-15.

#### LUBRICATION

DODGE E, K, DI, and TAF tapered roller bearings up to 5" bore are lubricated at the factory with MOBILITH AW 2 grease. Above 5" bore they are lubricated with Mobil Mobilux #2EP. Mobilith AW 2 is a superior industrial grease

using a lithium complex thickener and a highly refined base oil. Mobil Mobilux #2EP grease is a superior industrial grease using a lithium hydroxystearate thickener and highly refined base oil. These greases will adequately handle low and medium speeds with low and medium loads at normal temperatures as defined on Table 5, pg. B6-18. For very low and high speeds, for heavy loads and for low and high temperatures, special greases must be used. Contact DODGE Application Engineering (864) 297-4800. DODGE engineers will recommend bearings and lubricants for the above unusual conditions. DODGE also has the expertise to custom design and build special bearings for your needs. The only maintenance requirement for DODGE Tapered Roller Bearings is periodic relubrication at regular intervals as outlined in the appropriate instruction manuals.

#### RELUBRICATION SCHEDULE

Hours Run per Day	SUGGESTED LUBRICATION PERIOD IN WEEKS							
	1 to 250	251 to	501 to	751 to	1001 to	1501 to	2001 to	2501 to
	RPM	500 RPM	750 RPM	1000 RPM	1500 RPM	2000 RPM	2500 RPM	3000 RPM
8	12	12	10	7	5	4	3	2
16	12	7	5	4	2	2	2	1
24	10	5	3	2	1	1	1	1

**High Speed Operation** --- In the higher speed ranges too much grease will cause overheating. The amount of grease that the bearing will take for particular high speed application can only be determined by experience --- see "Operating Temperature" below. If excess grease in the bearing caused overheating, it will be necessary to remove grease fitting (also drain plug when furnished) to permit excess grease to escape. When establishing a relubrication schedule, note that a small amount of grease at frequent intervals is preferable to a large amount at infrequent intervals.

**Operation in Presence of Dust, Water or Corrosive Vapors** --- Under these conditions the bearing should contain as much grease as speed will permit, since a full bearing with consequent slight leakage is the best protection against entrance of foreign material. In the higher speed ranges too much grease will cause overheating --- see "High Speed Operation". In the lower speed ranges, it is advisable to add extra grease to a new bearing before putting into operation. Bearings should be

greased as often as necessary (daily if required) to maintain a slight leakage at the seals.

#### INSTALLATION AND MAINTENANCE

In nearly all applications good design practice requires two bearings supporting the shaft. In cases where three or more bearings are installed, unless precautions are taken to line the bearings up, both vertically and horizontally, it is possible to induce heavy loads. In the case of two bearings, alignment is not as critical, especially with DODGE K, DI, and TAF Tapered Roller Bearings. K, DI, and TAF bearings are designed to allow as much as 2° to 7° of static misalignment depending on bore size. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts and cap bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimmiing may be required to minimize misalignment..

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## SELECTION

D-LOCK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

### Type E, Type K, DOUBLE-INTERLOCK and TAF

#### TABLE 1 - E, K, DI, AND TAF TAPERED ROLLER BEARING RADIAL AND THRUST FACTORS

SHAFT SIZE	e	F <sub>A</sub> /F <sub>R</sub> <e		F <sub>A</sub> /F <sub>R</sub> >e		DYNAMIC CAPACITY C <sub>90</sub>	STATIC CAPACITY C <sub>0</sub>	MAXIMUM RPM	MAXIMUM RPM	MAXIMUM ALLOWABLE SLIP FIT RADIAL LOAD, FR **, LBS	
		X	Y	X	Y	LBS.	LBS.	R-SEAL	E-TECT	E,DI,&TAF	K
1-3/16 1-1/4	0.49	0.87	1.77	0.70	2.14	2,980	15,760	4,490	3,100	3,100	2,100
1-3/8 1-7/16	0.46	0.87	1.89	0.70	2.28	4,760	26,000	3,820	2,675	5,000	3,300
1-1/2 1-5/8 1-11/16	0.44	0.87	1.96	0.70	2.37	6,140	33,000	3,320	2,325	6,400	4,300
1-3/4 1-7/8 1-15/16 2	0.33	0.87	2.64	0.70	3.18	8,070	43,000	3,050	2,135	8,400	5,600
2-3/16	0.36	0.87	2.38	0.70	2.87	8,550	48,200	2,730	1,900	8,900	5,900
2-1/4 2-7/16 2-1/2	0.40	0.87	2.17	0.70	2.63	9,090	54,000	2,420	1,700	9,500	6,300
2-11/16 2-3/4 2-15/16 3	0.46	0.87	1.87	0.70	2.26	9,600	61,200	2,060	1,440	10,000	6,700
3-3/16 3-1/4 3-7/16 3-1/2	0.50	0.87	1.71	0.70	2.07	15,300	108,600	1,640	1,145	16,000	10,500
3-15/16 4	0.49	0.87	1.77	0.70	2.14	21,000	154,000	1,530	1,070	22,000	14,600
4-7/16 4-1/2	0.53	0.87	1.63	0.70	1.97	25,800	188,400	1,360	950	27,000	----
4-15/16 5	0.47	0.87	1.83	0.70	2.21	35,500	266,000	1,200	840	35,000	----
5-7/16 5-15/16 6	0.49	0.87	1.76	0.70	2.12	40,700	354,000	915	640	42,400	----
6-7/16 6-1/2 6-15/16 7	0.54	0.87	1.61	0.70	1.95	69,200	574,000	790	550	72,000	----

**Comparing Spherical To Taper Roller Bearings:** The dynamic capacity C (spherical) and C<sub>90</sub> (taper) are not to the same base. To compare basic dynamic capacities, multiply C x .259 and compare to C<sub>90</sub>.

\*C<sub>90</sub> - Dynamic capacity based on a rated life of 90 million revolutions or 3000 hours at 500 RPM.

\*\* If load exceeds maximum allowable slip fit radial load, (F<sub>R</sub>), line-to-line, to light press fit of shaft required. Application up to maximum slip fit radial load may be applied if recommended shaft tolerances are used.

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## SELECTION

### Type E, Type K, DOUBLE-INTERLOCK and TAF

#### TABLE 2 - EASY SELECTION TABLE TYPE E, K, DI AND TAF

Shaft Size	L10 Hours Life	Allowable Equivalent Radial Load (Lbs.) at various Revolutions Per Minute																		
		50	100	150	250	500	790	915	1,200	1,360	1,530	1,640	1,750	2,060	2,420	2,730	3,050	3,320	3,820	4,490
1-3/16 1-1/4	10,000	4,143	3,365	2,980	2,557	2,077	1,810	1,732	1,597	1,538	1,485	1,454	1,426	1,358	1,294	1,248	1,207	1,177	1,128	1,075
	30,000	2,980	2,421	2,143	1,839	1,494	1,302	1,246	1,149	1,106	1,068	1,046	1,026	977	931	898	868	846	811	773
	40,000	2,734	2,220	1,966	1,687	1,370	1,194	1,143	1,054	1,015	980	959	941	896	854	823	796	776	744	709
	60,000	2,421	1,966	1,741	1,494	1,213	1,058	1,012	933	899	867	849	833	793	756	729	705	687	659	628
	100,000	2,077	1,687	1,494	1,281	1,041	907	868	800	771	744	729	715	681	648	625	605	590	565	539
1-3/8 1-7/16	10,000	6,618	5,376	4,760	4,084	3,317	2,892	2,767	2,551	2,457	2,372	2,323	2,278	2,169	2,067	1,993	1,928	1,880	1,802	
	30,000	4,760	3,866	3,424	2,937	2,386	2,080	1,990	1,835	1,767	1,706	1,670	1,638	1,560	1,486	1,434	1,387	1,352	1,296	
	40,000	4,366	3,547	3,140	2,694	2,188	1,908	1,826	1,683	1,621	1,565	1,532	1,503	1,431	1,364	1,315	1,272	1,240	1,189	
	60,000	3,866	3,140	2,781	2,386	1,938	1,689	1,616	1,490	1,435	1,385	1,357	1,331	1,267	1,207	1,165	1,126	1,098	1,053	
	100,000	3,317	2,694	2,386	2,047	1,662	1,449	1,387	1,278	1,231	1,189	1,164	1,142	1,087	1,036	999	966	942	903	
1-1/2 1-5/8 1-11/16	10,000	8,537	6,934	6,140	5,268	4,279	3,730	3,569	3,290	3,169	3,059	2,996		2,798	2,666	2,571	2,487	2,425		
	30,000	6,140	4,987	4,416	3,789	3,077	2,683	2,567	2,366	2,279	2,200	2,155	2,113	2,012	1,917	1,849	1,789	1,744		
	40,000	5,632	4,575	4,051	3,475	2,823	2,461	2,355	2,171	2,091	2,018	1,977	1,939	1,846	1,759	1,696	1,641	1,600		
	60,000	4,987	4,051	3,587	3,077	2,500	2,179	2,085	1,922	1,851	1,787	1,750	1,716	1,635	1,557	1,502	1,453	1,416		
	100,000	4,279	3,475	3,077	2,640	2,144	1,869	1,789	1,649	1,588	1,533	1,502	1,473	1,402	1,336	1,289	1,247	1,215		
1-3/4 1-7/8 1-15/16 2	10,000	11,220	9,114	8,070	6,923	5,624	4,902	4,691	4,325	4,165	4,021	3,938	3,862	3,677	3,504	3,379	3,269			
	30,000	8,070	6,555	5,804	4,979	4,045	3,526	3,374	3,110	2,996	2,892	2,832	2,777	2,645	2,520	2,431	2,351			
	40,000	7,403	6,013	5,324	4,568	3,710	3,234	3,095	2,853	2,748	2,653	2,598	2,548	2,426	2,312	2,230	2,157			
	60,000	6,555	5,324	4,714	4,045	3,285	2,864	2,740	2,526	2,433	2,349	2,300	2,256	2,148	2,047	1,974	1,910			
	100,000	5,624	4,568	4,045	3,470	2,818	2,457	2,351	2,167	2,088	2,015	1,974	1,935	1,843	1,756	1,694	1,638			
2-3/16	10,000	11,888	9,656	8,550	7,335	5,958	5,194	4,970	4,582	4,413	4,260	4,172	4,091	3,896	3,712	3,581				
	30,000	8,550	6,945	6,149	5,276	4,285	3,736	3,575	3,295	3,174	3,064	3,001	2,943	2,802	2,670	2,575				
	40,000	7,843	6,371	5,641	4,839	3,931	3,427	3,279	3,023	2,911	2,810	2,752	2,699	2,570	2,449	2,362				
	60,000	6,945	5,641	4,995	4,285	3,481	3,034	2,903	2,677	2,578	2,489	2,437	2,390	2,276	2,169	2,092				
	100,000	5,958	4,839	4,285	3,676	2,986	2,603	2,491	2,296	2,212	2,135	2,091	2,051	1,953	1,861	1,795				
2-1/4 2-7/16 2-1/2	10,000	12,639	10,266	9,090	7,798	6,334	5,522	5,284	4,871	4,692	4,529	4,435	4,350	4,142	3,947					
	30,000	9,090	7,383	6,538	5,609	4,556	3,972	3,800	3,503	3,374	3,257	3,190	3,129	2,979	2,839					
	40,000	8,338	6,773	5,997	5,145	4,179	3,643	3,486	3,214	3,095	2,988	2,926	2,870	2,733	2,604					
	60,000	7,383	5,997	5,310	4,556	3,700	3,226	3,087	2,846	2,741	2,646	2,591	2,541	2,420	2,306					
	100,000	6,334	5,145	4,556	3,908	3,175	2,768	2,648	2,441	2,351	2,270	2,223	2,180	2,076	1,978					
2-11/16 2-3/4 2-15/16 3	10,000	13,348	10,842	9,600	8,236	6,690	5,832	5,580	5,145	4,955	4,783	4,684	4,594	4,375						
	30,000	9,600	7,798	6,905	5,924	4,811	4,194	4,014	3,700	3,564	3,440	3,369	3,304	3,146						
	40,000	8,806	7,153	6,334	5,434	4,414	3,848	3,682	3,394	3,269	3,156	3,090	3,031	2,886						
	60,000	7,798	6,334	5,608	4,811	3,908	3,407	3,260	3,005	2,895	2,794	2,737	2,684	2,556						
	100,000	6,690	5,434	4,811	4,128	3,353	2,923	2,797	2,578	2,483	2,397	2,348	2,302	2,192						

For maximum RPM see Table 1 on page B6-14

In the shaded area, E, DI and TAF mounted units require a line-to-line to light press fit of shaft

In the boxed area, Type K mounted units require a line-to-line to light press fit of shaft

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## SELECTION

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

### Type E, Type K, DOUBLE-INTERLOCK and TAF

#### TABLE 2 (continued) - EASY SELECTION TABLE TYPE E, K, DI AND TAF

Shaft Size	L10 Hours Life	Allowable Equivalent Radial Load (Lbs.) at various Revolutions Per Minute																			
		50	100	150	250	500	790	915	1,200	1,360	1,530	1,640	1,750	2,060	2,420	2,730	3,050	3,320	3,820	4,490	
3-3/16 3-1/4 3-7/16 3-1/2	10,000	21,273	17,279	15,300	13,126	10,662	9,295	8,894	8,199	7,897	7,623	7,466	7,322								
	30,000	15,300	12,427	11,004	9,441	7,668	6,685	6,397	5,897	5,680	5,482	5,369	5,266								
	40,000	14,035	11,400	10,094	8,660	7,034	6,132	5,868	5,409	5,210	5,029	4,925	4,830								
	60,000	12,427	10,094	8,938	7,668	6,228	5,430	5,196	4,790	4,613	4,453	4,361	4,277								
	100,000	10,662	8,660	7,668	6,579	5,344	4,658	4,458	4,109	3,958	3,820	3,742	3,670								
3-15/16 4	10,000	29,198	23,716	21,000	18,016	14,634	12,757	12,207	11,254	10,839	10,463										
	30,000	21,000	17,057	15,104	12,958	10,525	9,175	8,780	8,094	7,796	7,525										
	40,000	19,264	15,647	13,855	11,886	9,655	8,417	8,054	7,425	7,151	6,903										
	60,000	17,057	13,855	12,268	10,525	8,549	7,453	7,131	6,574	6,332	6,112										
	100,000	14,634	11,886	10,525	9,030	7,334	6,394	6,118	5,640	5,432	5,244										
4-7/16 4-1/2	10,000	35,872	29,137	25,800	22,134	17,979	15,673	14,998	13,826	13,316											
	30,000	25,800	20,956	18,556	15,919	12,931	11,273	10,787	9,944	9,577											
	40,000	23,667	19,223	17,022	14,603	11,861	10,340	9,895	9,122	8,786											
	60,000	20,956	17,022	15,072	12,931	10,503	9,156	8,761	8,077	7,779											
	100,000	17,979	14,603	12,931	11,093	9,011	7,855	7,517	6,929	6,674											
4-15/16 5	10,000	49,359	40,092	35,500	30,456	24,738	21,566	20,636	19,024												
	30,000	35,500	28,835	25,532	21,905	17,792	15,511	14,842	13,682												
	40,000	32,565	26,451	23,421	20,094	16,321	14,228	13,615	12,551												
	60,000	28,835	23,421	20,739	17,792	14,452	12,599	12,055	11,114												
	100,000	24,738	20,094	17,792	15,264	12,398	10,809	10,343	9,535												
5-7/16 5-15/16 6	10,000	56,589	45,964	40,700	34,917	28,362	24,725	23,659													
	30,000	40,700	33,059	29,272	25,113	20,398	17,783	17,016													
	40,000	37,335	30,325	26,852	23,037	18,712	16,312	15,609													
	60,000	33,059	26,852	23,777	20,398	16,569	14,444	13,821													
	100,000	28,362	23,037	20,398	17,500	14,214	12,392	11,858													
6-7/16 6-1/2 6-15/16 7	10,000	56,589	45,964	40,700	34,917	28,362	24,725	23,659													
	30,000	40,700	33,059	29,272	25,113	20,398	17,783	17,016													
	40,000	37,335	30,325	26,852	23,037	18,712	16,312	15,609													
	60,000	33,059	26,852	23,777	20,398	16,569	14,444	13,821													
	100,000	28,362	23,037	20,398	17,500	14,214	12,392	11,858													

For maximum RPM see Table 1 on page B6-14

In the shaded area, E, DI and TAF mounted units require a line-to-line to light press fit of shaft

In the boxed area, Type K mounted units require a line-to-line to light press fit of shaft

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B6-16





## SELECTION

### Type E, DOUBLE-INTERLOCK and TAF

TABLE 3 - PERMISSIBLE THRUST LOAD, LBS.\*

SHAFT SIZE INCHES	*E		*K/DI, TAF	
	2-Bolt	4-Bolt	2-Bolt	4-Bolt
1-3/16	2000		1400	
1-1/4	2000		1400	
1-3/8	2590		2590	
1-7/16	2590		2590	
1-1/2	2590		2590	
1-5/8	2590		2590	
1-11/16	2590		2590	
1-3/4	3454		3454	
1-7/8	3454		3454	
1-15/16	3454		3454	
2	3454		3454	
2-3/16	3454		3454	
2-1/4	3454	3454	3454	3454
2-7/16	3454	3454	3454	3454
2-1/2	3454	3454	3454	3454
2-11/16	5181	5181	5181	5181
2-3/4	5181	5181	5181	5181
2-15/16	5181	5181	5181	5181
3	5181	5181	5181	5181
3-3/16	5181	5181	4300	5181
3-1/4	5181	5181	4300	5181
3-7/16	5181	5181	4300	5181
3-1/2	5181	5181	4300	5181
3-15/16		6908		6908
4		6908		6908
4-7/16		6908		6908
4-1/2		6908		6908
4-15/16		6908		6908
5		6908		6908
5-7/16		8635		8635
5-15/16		8635		8635
6		8635		8635
6-7/16		12282		12282
6-1/2		12282		12282
6-15/16		12282		12282
7		12282		12282

**Note:** The limits above apply to set screw shaft mounting or pillow block over turning force. Under heavy thrust loads it is always wise to use shear bars. At all times, the L10 life of the bearing should be checked for proper selection and life requirements. For thrust loads larger than listed or heavy thrust loading on other style housing, contact DODGE Engineering for recommendations.

\* Does not include Piloted Flange  
 Piloted Flange up to and including 3-1/2" and all sizes of Type K only have one setscrew locking collar and therefore the above listed permissible thrust load values must be decreased by 1/2.

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B6-17



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

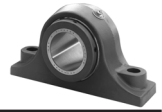
### Type E, Type K, DOUBLE-INTERLOCK and TAF

#### TABLE 4 - K, DI AND TAF MAXIMUM AXIAL EXPANSION (INCHES)

Bore Size (INCHES)	Type K DOUBLE-INTERLOCK		TAF
	Pillow Block	Flange	
1-3/16 - 1-1/4	0.252	--	--
1-3/8 - 1-7/16	0.188	0.187	0.188
1-1/2 - 1-11/16	0.188	0.187	0.188
1-3/4 - 2	0.562	0.187	0.562
2-3/16	0.562	0.187	0.562
2-1/4 - 2-1/2	0.562	0.312	0.562
2-11/16 - 3	0.562	0.312	0.562
3-3/16 - 3-1/2	0.562	0.312	0.562
3-15/16 - 4	0.674	0.312	0.674
4-7/16 - 4-1/2	0.674	0.812	0.674
4-15/16 - 5	0.674	0.812	0.674
5-7/16 - 6	0.500	--	0.875
6-7/16 - 7	0.500	--	0.875

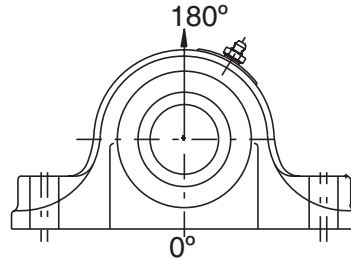
#### TABLE 5 - DEFINITION OF OPERATING CONDITIONS FOR TAPERED ROLLER BEARINGS

LOW SPEED	UP TO 20% OF MAX. RPM (TABLE 1)
MEDIUM SPEED	OVER 20% TO 80% OF MAX. RPM
HIGH SPEED	OVER 80% OF MAX. RPM
LIGHT LOAD	UP TO 30% OF $C_{90}$ (TABLE 1)
NORMAL LOAD	OVER 30% TO 70% OF $C_{90}$
HEAVY LOAD	OVER 70% OF $C_{90}$
LOW TEMPERATURE	-100°F TO 20°F
MEDIUM TEMPERATURE	OVER 20°F TO 200°F
HIGH TEMPERATURE	OVER 200°F TO 300°F
VERY HIGH TEMPERATURE	OVER 300°F TO 400°F



## SELECTION

### Type E



#### TABLE 6 - HOUSING RATINGS - TYPE E (SOLID HOUSING)

SHAFT SIZE (INCHES)	MAXIMUM RECOMMENDED HOUSING CAP LOADS, LBS.	
	GRAY IRON 180°	
1-3/16 - 1-1/4	1,600	
1-3/8 - 1-7/16	3,150	
1-1/2 - 1-11/16	3,000	
1-3/4 - 2	5,150	
2-3/16	3,500	
2-1/4 - 2-1/2	6,550	
2-11/16 - 3	7,000	
3-3/16 - 3-1/2	15,700	
3-15/16 - 4	16,250	
4-7/16 - 4-1/2	21,000	
4-15/16 - 5	22,860	
5-7/16 - 6	43,600	
6-7/16 - 7	46,000	

\*When utilizing heavy cap loads on pillow block housings, the installation must adhere to the following procedures.

1. The pillow block base bolts must be of **Grade 8 strength with hardened washers and properly tightened** to the mounting structure.
2. The use of stop bars (shear strips) against pillow block where side loads are encountered
3. In all cases where loads are heavy, the L10 life of the bearing should be checked for proper selection and life requirements



## SELECTION

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

### Type K, DOUBLE-INTERLOCK and TAF

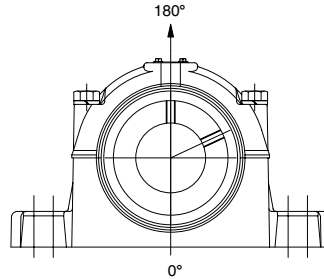


Table 7

Housing Ratings  
Type K and DI Housing (Split Housing)

SHAFT SIZE (INCHES)	MAXIMUM RECOMMENDED HOUSING CAP LOADS, LBS.
	180°
1-3/16 - 1-1/4	4,300
1-3/8 - 1-7/16	5,060
1-1/2 - 1-11/16	5,940
1-3/4 - 2	8,660
2-3/16	10,100
2-1/4 - 2-1/2	10,100
2-11/16 - 3	11,220
3-3/16 - 3-1/2	16,170
3-15/16 - 4	19,580
4-7/16 - 4-1/2	20,130
4-15/16 - 5	24,530
5-7/16 - 6	35,200
6-7/16 - 7	56,000

Table 8

Housing Ratings  
TAF (Split Housing)

SHAFT SIZE (INCHES)	MAXIMUM RECOMMENDED HOUSING CAP LOADS, LBS.
	180°
1-7/16	4,600
1-11/16	5,400
1-15/16	7,875
2-3/16	9,200
2-7/16 - 2-1/2	9,220
2-15/16 - 3	10,200
3-7/16 - 3-1/2	14,700
3-15/16 - 4	17,800
4-7/16 - 4-1/2	18,300
4-15/16 - 5	22,300
5-7/16 - 6	30,000
6-7/16 - 6-1/2	30,000
6-15/16 - 7	48,000

\*When utilizing heavy cap loads on pillow block housings, the installation must adhere to the following procedures.

1. The pillow block base bolts must be of **Grade 8 strength with hardened washers and properly tightened** to the mounting structure.
2. The use of stop bars (shear strips) against pillow block where side loads are encountered
3. In all cases where loads are heavy, the L10 life of the bearing should be checked for proper selection and life requirements

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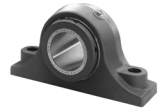
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## SELECTION/DIMENSIONS

### Type E, Type K, DOUBLE-INTERLOCK and TAF

# DODGE®

## MOUNTED BEARINGS

### APPLICATION DATA SHEET

**Instructions: Complete all applicable information and mail or Fax to DODGE at P.O. Box 499, Greenville, SC 29620, Attn: Engineering, Fax 864-2317**

Company \_\_\_\_\_  DIST.  USER  OEM \_\_\_\_\_ Date \_\_\_\_\_  
 Address \_\_\_\_\_  
 Name \_\_\_\_\_ Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 Type of Equipment (sketch drive on separate sheet) \_\_\_\_\_

#### Service Conditions:

Shaft Speed: Normal \_\_\_\_\_ Maximum \_\_\_\_\_  
 Loads: Radial \_\_\_\_\_ Thrust \_\_\_\_\_ Shock (frequency) \_\_\_\_\_  
 Shaft size: \_\_\_\_\_ Shaft Tolerance (specify if not commercial) \_\_\_\_\_  
 Duty Cycle: Hours/Day \_\_\_\_\_ Days/Week \_\_\_\_\_ Weeks/Year \_\_\_\_\_

#### Environment:

Ambient Temperature: Summer \_\_\_\_\_ °F Winter \_\_\_\_\_ °F  
 External Heat: Source of Heat \_\_\_\_\_  
 Temperature \_\_\_\_\_ °F Distance from Bearing \_\_\_\_\_  
 Air: Clean \_\_\_\_\_ Contaminated \_\_\_\_\_ Contamination Type \_\_\_\_\_  
 Gas: Clean \_\_\_\_\_ Contaminated \_\_\_\_\_ Contamination Type \_\_\_\_\_  
 Liquid: Type \_\_\_\_\_ Concentration \_\_\_\_\_  
 Other: (Including washdowns) \_\_\_\_\_

#### Experience: (If applicable)

Type of Bearing Currently Used: \_\_\_\_\_  
 Life Realized \_\_\_\_\_ Type of Failure \_\_\_\_\_  
 Other Pertinent Data \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

L-10 Hours Required: \_\_\_\_\_  
 Dimensional Restrictions: Centerline Height \_\_\_\_\_  
 Bolt Pattern \_\_\_\_\_  
 Other \_\_\_\_\_

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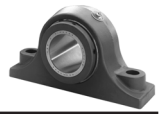
D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

D-LOK

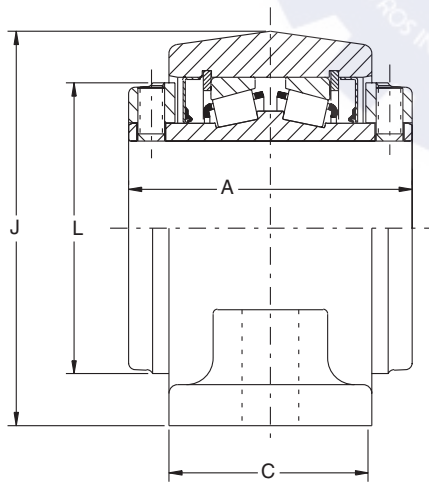
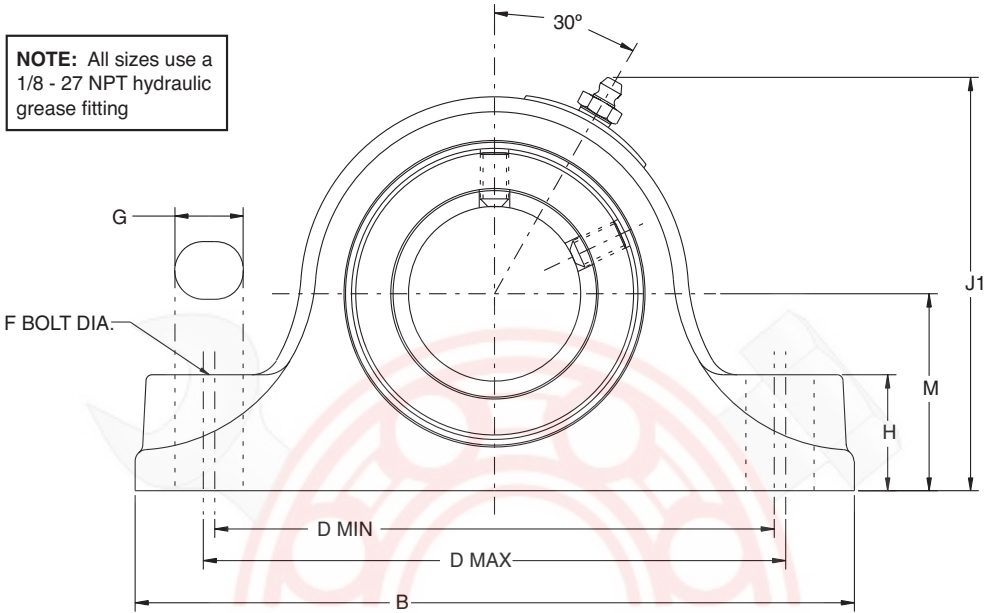
Type E Family

Specialty Tapered

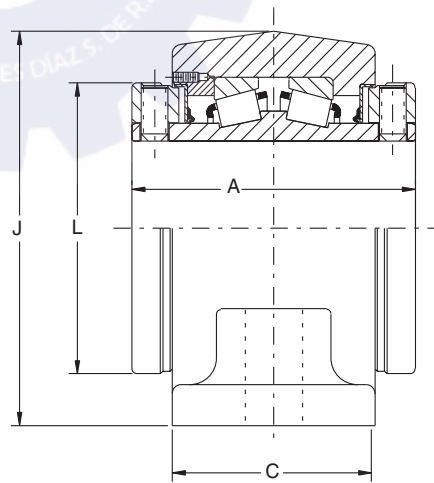
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UNISPHERE II

### Type E Pillow Block - Inch 2-BOLT BASE



1-3/16" THRU 3" CONSTRUCTION



3-3/16" THRU 3-1/2" CONSTRUCTION

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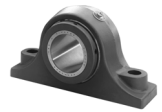
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## SELECTION/DIMENSIONS

### Type E Pillow Block - Inch 2-BOLT BASE

GRAY IRON				CAST STEEL			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)	SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS
1-3/16	023000	P2B-E-103R	4	1-3/16	023047+	SP2B-E-103R	4
1-1/4	023001	P2B-E-104R	4	1-1/4	023048+	SP2B-E-104R	4
1-3/8	023002	P2B-E-106R	7	1-3/8	023049+	SP2B-E-106R	7
1-7/16	023003	P2B-E-107R	7	1-7/16	023050+	SP2B-E-107R	7
1-1/2	023004	P2B-E-108R	10	1-1/2	023051+	SP2B-E-108R	10
1-5/8	023005	P2B-E-110R	10	1-5/8	023052+	SP2B-E-110R	10
1-11/16	023006	P2B-E-111R	10	1-11/16	023053+	SP2B-E-111R	10
1-3/4	023007	P2B-E-112R	12	1-3/4	023054+	SP2B-E-112R	11
1-7/8	023008	P2B-E-114R	12	1-7/8	023055+	SP2B-E-114R	11
1-15/16	023009	P2B-E-115R	12	1-15/16	023056+	SP2B-E-115R	11
2	023010	P2B-E-200R	12	2	023057+	SP2B-E-200R	11
2-3/16	023011	P2B-E-203R	15	2-3/16	023058+	SP2B-E-203R	14
2-1/4	023012	P2B-E-204R	21	2-1/4	023059+	SP2B-E-204R	19
2-7/16	023013	P2B-E-207R	20	2-7/16	023060	SP2B-E-207R	19
2-1/2	023014	P2B-E-208R	20	2-1/2	023061+	SP2B-E-208R	19
2-11/16	023015	P2B-E-211R	29	2-11/16	023062+	SP2B-E-211R	26
2-3/4	023016	P2B-E-212R	28	2-3/4	023063+	SP2B-E-212R	26
2-15/16	023017	P2B-E-215R	27	2-15/16	023064	SP2B-E-215R	26
3	023018	P2B-E-300R	27	3	023065+	SP2B-E-300R	26
3-3/16	023019	P2B-E-303R	48	3-3/16	023066+	SP2B-E-303R	44
3-1/4	023020	P2B-E-304R	47	3-1/4	023067+	SP2B-E-304R	44
3-7/16	023021	P2B-E-307R	46	3-7/16	023068	SP2B-E-307R	44
3-1/2	023022	P2B-E-308R	45	3-1/2	023069+	SP2B-E-308R	44

# Consult DODGE For Sizes Not Listed  
+ Non-Stock - Consult DODGE For Delivery

# Consult DODGE For Sizes Not Listed  
+ Non-Stock - Consult DODGE For Delivery

SHAFT SIZE (Inches)	A	B	C	D MIN	D MAX	F BOLT DIA	G	H	J	J1	L	M
1-3/16	2-3/4	6	1-7/8	4-3/4	4-13/16	1/2	19/32	7/8	3	3-9/32	2-1/4	1-1/2
1-1/4												
1-3/8	3	7-3/8	2-1/8	5-5/8	5-7/8	1/2	3/4	1-1/8	3-3/4	4	2-3/4	1-7/8
1-7/16												
1-1/2	3-3/8	7-7/8	2-3/8	6-1/8	6-3/8	1/2	3/4	1-1/4	4-1/4	4-15/32	3-3/16	2-1/8
1-5/8												
1-11/16												
1-3/4												
1-7/8	3-1/2	8-7/8	2-1/2	6-7/8	7-1/8	5/8	7/8	1-5/16	4-1/2	4-11/16	3-7/16	2-1/4
1-15/16												
2												
2-3/16												
2-1/4	4	10-1/2	2-7/8	8-3/8	8-5/8	5/8	7/8	1-5/8	5-1/2	5-5/8	4-1/16	2-3/4
2-7/16												
2-1/2												
2-11/16	4-1/2	12	3	9-5/16	9-11/16	3/4	1	1-7/8	6-1/4	6-11/32	4-23/32	3-1/8
2-3/4												
2-15/16												
3												
3-3/16	5	14	3-1/2	10-13/16	11-3/16	7/8	1-3/16	2-1/4	7-1/2	7-1/2	5-1/2	3-3/4
3-1/4												
3-7/16												
3-1/2												

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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D-LOK

Type E Family

Speciality Tapered

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## SELECTION/DIMENSIONS

D-LOK

Type E Family

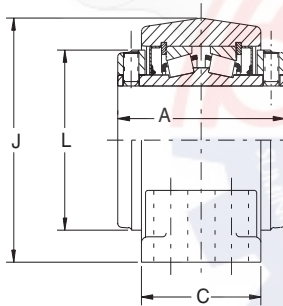
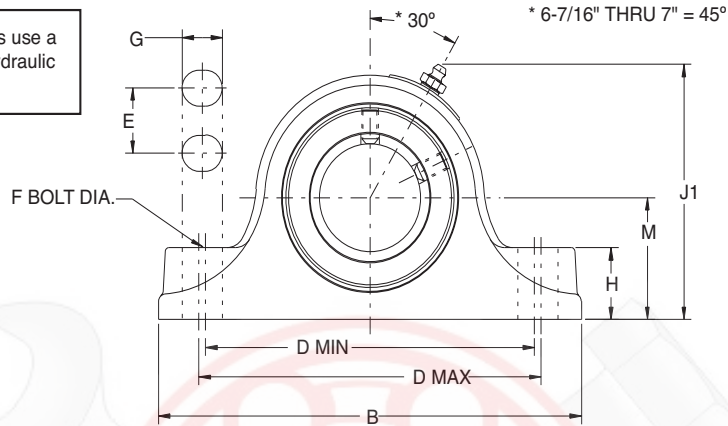
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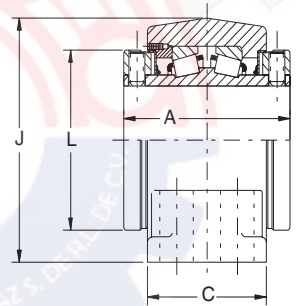
UNISPHERE II

### Type E Pillow Block - Inch 4-BOLT BASE

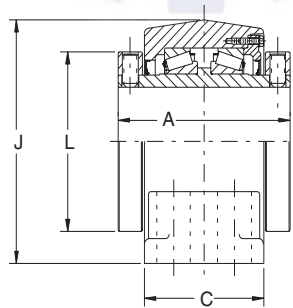
**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



2-1/4" THRU 3" CONSTRUCTION



3-3/16" THRU 5" CONSTRUCTION



5-7/16" THRU 7" CONSTRUCTION

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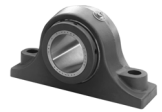
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## SELECTION/DIMENSIONS

### Type E Pillow Block - Inch 4-BOLT BASE

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
2-1/4	<b>023023</b>	P4B-E-204R	20
2-7/16	<b>023024</b>	P4B-E-207R	20
2-1/2	<b>023025</b>	P4B-E-208R	19
2-11/16	<b>023026</b>	P4B-E-211R	30
2-3/4	<b>023027</b>	P4B-E-212R	28
2-15/16	<b>023028</b>	P4B-E-215R	28
3	<b>023029+</b>	P4B-E-300R	28
3-3/16	<b>023030+</b>	P4B-E-303R	47
3-1/4	<b>023031</b>	P4B-E-304R	47
3-7/16	<b>023032</b>	P4B-E-307R	46
3-1/2	<b>023033</b>	P4B-E-308R	45
3-15/16	<b>023690</b>	P4B-E-315R	69
4	<b>023691</b>	P4B-E-400R	69
4-7/16	<b>023692</b>	P4B-E-407R	85
4-1/2	<b>023693</b>	P4B-E-408R	85
4-15/16	<b>023694</b>	P4B-E-415R	134
5	<b>023695</b>	P4B-E-500R	133
5-7/16	<b>023040</b>	P4B-E-507R	230
5-15/16	<b>023041</b>	P4B-E-515R	250
6	<b>023042</b>	P4B-E-600R	245
6-7/16	<b>023043+</b>	P4B-E-607R	356
6-1/2	<b>023044</b>	P4B-E-608R	350
6-15/16	<b>023045</b>	P4B-E-615R	340
7	<b>023046+</b>	P4B-E-700R	335

CAST STEEL			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS
2-1/4	-----	-----	-----
2-7/16	-----	-----	-----
2-1/2	-----	-----	-----
2-11/16	-----	-----	-----
2-3/4	-----	-----	-----
2-15/16	-----	-----	-----
3	-----	-----	-----
3-3/16	-----	-----	-----
3-1/4	-----	-----	-----
3-7/16	-----	-----	-----
3-1/2	-----	-----	-----
3-15/16	<b>023070</b>	SP4B-E-315R	65
4	<b>023071</b>	SP4B-E-400R	65
4-7/16	<b>023072</b>	SP4B-E-407R	81
4-1/2	<b>023073</b>	SP4B-E-408R	81
4-15/16	<b>023074</b>	SP4B-E-415R	132
5	<b>023075</b>	SP4B-E-500R	132
5-7/16	-----	-----	-----
5-15/16	-----	-----	-----
6	-----	-----	-----
6-7/16	-----	-----	-----
6-1/2	-----	-----	-----
6-15/16	-----	-----	-----
7	-----	-----	-----

# Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

# Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C*	D		E	F BOLT DIA	G	H	J1	J	L	M
				MIN	MAX								
2-1/4													
2-7/16	4	10-1/2	3-1/2	8-5/16	8-11/16	1-7/8	5/8	7/8	1-5/8	5-1/2	5-5/8	4-1/16	2-3/4
2-1/2													
2-11/16													
2-3/4	4-1/2	12	4	9-3/16	9-13/16	2-1/8	5/8	1	1-7/8	6-1/4	6-11/32	4-23/32	3-1/8
2-15/16													
3													
3-3/16													
3-1/4	5	13-1/2	4-1/2	10-3/4	11-1/4	2-3/8	3/4	1-3/16	2-1/4	7-1/2	7-1/2	5-1/2	3-3/4
3-7/16													
3-1/2													
3-15/16	6-1/4	15-1/4	4-1/2	12-1/4	12-3/4	2-1/4	3/4	1-1/8	2-7/16	8-1/2	8-7/16	6	4-1/4
4													
4-7/16	6-3/4	16-5/8	4-5/8	13-1/4	13-3/4	2-1/2	3/4	1-1/8	2-3/4	9-3/8	9-9/32	6-29/64	4-3/4
4-1/2													
4-15/16	7-1/4	18-1/2	5-1/8	15-1/4	15-3/4	2-7/8	7/8	1-1/4	3	10-7/8	10-11/16	7-29/64	5-1/2
5													
5-7/16													
5-15/16	9	22	6-1/4	17-3/8	19-1/8	3-3/4	1	2	3-1/4	13-3/16	----	9-3/8	6-11/16
6													
6-7/16													
6-1/2	10-1/2	26	7-1/8	21-1/4	23-1/4	4-5/8	1	2	3-11/16	14-15/16	----	11-3/8	7-1/2
6-15/16													
7													

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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B6-25



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

D-LOK

Type E Family

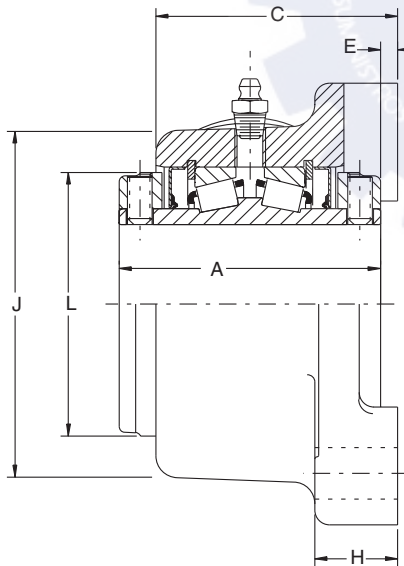
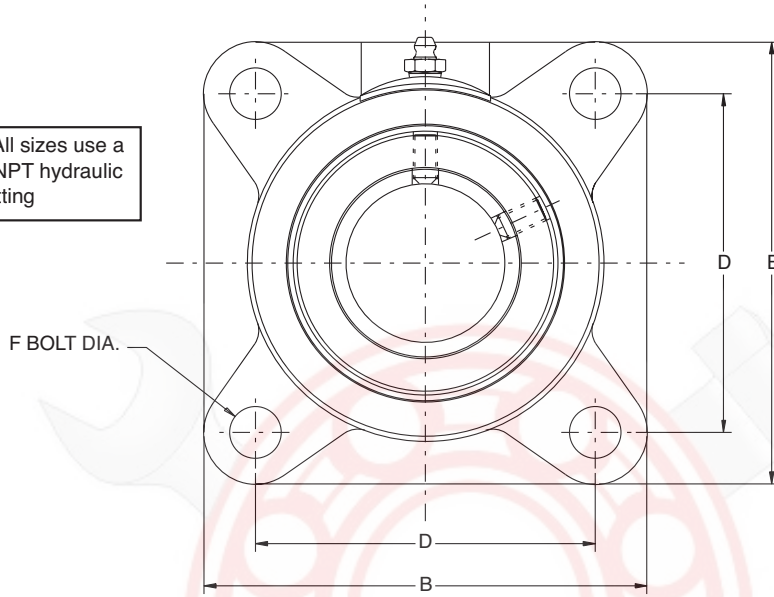
Specialty Tapered

S-2000

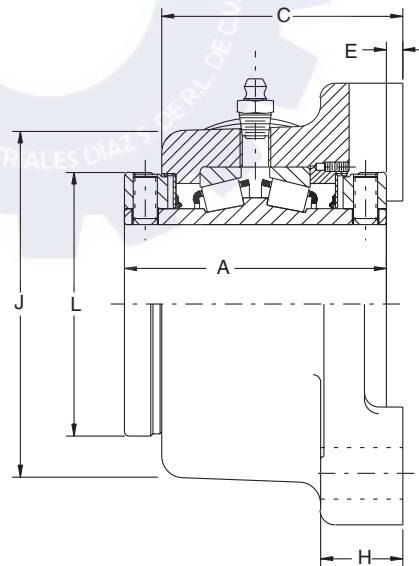
UNISPHERE II

### Type E Flange Bearing - Inch 4-BOLT FLANGE

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3" CONSTRUCTION



3-3/16" THRU 4-1/2" CONSTRUCTION

FEATURES/BENEFITS  
PAGE B6-3

SPECIFICATION  
PAGE B6-8

NOMENCLATURE  
PAGE B6-10

SELECTION  
PAGE B6-11

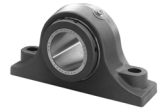
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## SELECTION/DIMENSIONS

### Type E Flange Bearing - Inch 4-BOLT FLANGE

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	<b>023093</b>	F4B-E-103R	4
1-1/4	<b>023094</b>	F4B-E-104R	4
1-3/8	<b>023095</b>	F4B-E-106R	7
1-7/16	<b>023096</b>	F4B-E-107R	7
1-1/2	<b>023097</b>	F4B-E-108R	11
1-5/8	<b>023098</b>	F4B-E-110R	11
1-11/16	<b>023099</b>	F4B-E-111R	11
1-3/4	<b>023100</b>	F4B-E-112R	12
1-7/8	<b>023101</b>	F4B-E-114R	12
1-15/16	<b>023102</b>	F4B-E-115R	12
2	<b>023103</b>	F4B-E-200R	12
2-3/16	<b>023104</b>	F4B-E-203R	15
2-1/4	<b>023105</b>	F4B-E-204R	21
2-7/16	<b>023106</b>	F4B-E-207R	20
2-1/2	<b>023107</b>	F4B-E-208R	19
2-11/16	<b>023108</b>	F4B-E-211R	28
2-3/4	<b>023109</b>	F4B-E-212R	28
2-15/16	<b>023110</b>	F4B-E-215R	27
3	<b>023111</b>	F4B-E-300R	26
3-3/16	<b>023112</b>	F4B-E-303R	52
3-1/4	<b>023113+</b>	F4B-E-304R	51
3-7/16	<b>023114</b>	F4B-E-307R	50
3-1/2	<b>023115</b>	F4B-E-308R	50
3-15/16	<b>023116</b>	F4B-E-315R	75
4	<b>023117</b>	F4B-E-400R	75
4-7/16	<b>023118</b>	F4B-E-407R	90
4-1/2	<b>023119</b>	F4B-E-408R	90

# Consult DODGE For Sizes Not Listed.  
+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D	E	F BOLT	H	J	L
1-3/16 1-1/4	2-3/4	3-3/4	2-11/32	2-7/8	1/16	3/8	1	2-15/16	2-1/4
1-3/8 1-7/16	3	4-5/8	2-19/32	3-1/2	1/16	1/2	1-1/16	3-1/2	2-3/4
1-1/2 1-5/8 1-11/16	3-3/8	5-3/8	2-31/32	4-1/8	1/8	1/2	1-3/16	4-3/16	3-3/16
1-3/4 1-7/8 1-15/16 2	3-1/2	5-5/8	3-3/32	4-3/8	1/8	1/2	1-3/16	4-7/16	3-7/16
2-3/16 2-1/4 2-7/16 2-1/2	3-3/4	6-1/4	3-9/32	4-7/8	1/8	5/8	1-3/8	4-7/8	3-3/4
2-11/16 2-3/4 2-15/16 3	4-1/2	7-3/4	3-15/16	6	3/16	3/4	1-5/8	6	4-23/32
3-3/16 3-1/4 3-7/16 3-1/2	5	9-1/4	4-1/2	7	1/4	3/4	1-7/8	7-1/4	5-1/2
3-15/16 4	6-1/4	10-1/4	5-5/8	7-3/4	1/4	7/8	2-1/8	8-1/4	6
4-7/16 4-1/2	6-3/4	10-7/8	5-15/16	8-3/4	11/32	7/8	2-7/16	8-3/4	6-29/64

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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B6-27



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

### Type E Piloted Flange

D-LOK

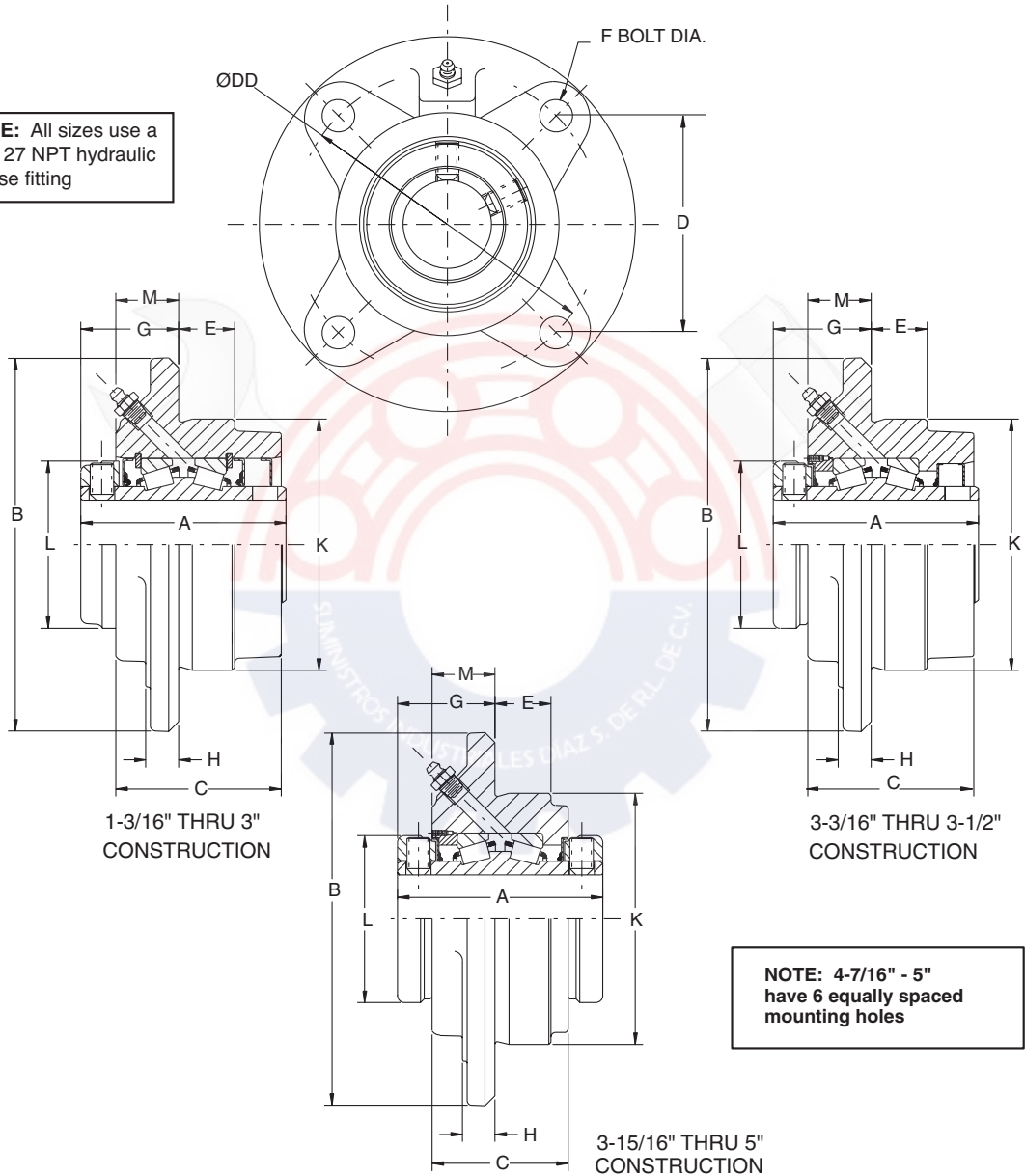
Type E Family

Specialty Tapered

S-2000

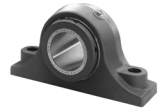
UNISPHERE II

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



**NOTE:** 4-7/16" - 5" have 6 equally spaced mounting holes

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## SELECTION/DIMENSIONS

### Type E Piloted Flange

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	<b>023120</b>	FC-E-103R	5
1-1/4	<b>023121</b>	FC-E-104R	5
1-3/8	<b>023122</b>	FC-E-106R	7
1-7/16	<b>023123</b>	FC-E-107R	6
1-1/2	<b>023124</b>	FC-E-108R	10
1-5/8	<b>023125</b>	FC-E-110R	9
1-11/16	<b>023126</b>	FC-E-111R	9
1-3/4	<b>023127</b>	FC-E-112R	11
1-7/8	<b>023128+</b>	FC-E-114R	10
1-15/16	<b>023129</b>	FC-E-115R	10
2	<b>023130</b>	FC-E-200R	10
2-3/16	<b>023131</b>	FC-E-203R	14
2-1/4	<b>023132</b>	FC-E-204R	18
2-7/16	<b>023133</b>	FC-E-207R	18
2-1/2	<b>023134</b>	FC-E-208R	17
2-11/16	<b>023135</b>	FC-E-211R	27
2-3/4	<b>023136</b>	FC-E-212R	27
2-15/16	<b>023137</b>	FC-E-215R	25
3	<b>023138</b>	FC-E-300R	25
3-3/16	<b>023139+</b>	FC-E-303R	44
3-1/4	<b>023140+</b>	FC-E-304R	44
3-7/16	<b>023141</b>	FC-E-307R	43
3-1/2	<b>023142</b>	FC-E-308R	42
3-15/16	<b>023143</b>	FC-E-315R	59
4	<b>023144</b>	FC-E-400R	58
4-7/16 ##	<b>023145</b>	FC-E-407R	110
4-1/2 ##	<b>023146</b>	FC-E-408R	110
4-15/16 ##	<b>023147</b>	FC-E-415R	130
5 ##	<b>023148</b>	FC-E-500R	130

# Consult DODGE For Sizes Not Listed.  
+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D	ØDD	E	F BOLT#	G	H	K**	L	M
1-3/16 1-1/4	2-3/4	5	2-7/32	2.92	4-1/8	3/4	3/8	1-5/16	7/16	3-3/8	2-1/4	27/32
1-3/8 1-7/16	3	5-1/4	2-15/32	3.09	4-3/8	7/8	3/8	1-1/2	1/2	3-5/8	2-3/4	1-1/32
1-1/2 1-5/8 1-11/16	3-3/8	6-1/8	2-25/32	3.62	5-1/8	1-1/16	7/16	1-9/16	1/2	4-1/4	3-3/16	1-1/32
1-3/4 1-7/8 1-15/16 2	3-1/2	6-3/8	2-29/32	3.80	5-3/8	1-3/16	7/16	1-9/16	9/16	4-1/2	3-7/16	1-1/32
2-3/16	3-3/4	7-1/8	3-3/32	4.24	6	1-3/16	1/2	1-11/16	9/16	5	3-3/4	1-3/32
2-1/4 2-7/16 2-1/2	4	7-5/8	3-5/16	4.60	6-1/2	1-5/16	1/2	1-13/16	5/8	5-1/2	4-1/16	1-3/16
2-11/16 2-3/4 2-15/16 3	4-1/2	8-3/4	3-11/16	5.30	7-1/2	1-1/2	5/8	2	3/4	6-3/8	4-23/32	1-1/4
3-3/16 3-1/4 3-7/16 3-1/2	5	10-1/4	4-3/16	6.10	8-5/8	1-1/4	3/4	2-7/16	15/16	7-3/8	5-1/2	1-11/16
3-15/16 4	6-1/4	10-7/8	4-1/2	6.63	9-3/8	1-1/2	3/4	2-11/16	1	8-1/8	6	1-13/16
4-7/16 4-1/2	6-3/4	13-1/2	4-5/8	##	11-3/4	1-1/2	3/4##	3	1	10-1/4	6-29/64	1-15/16
4-15/16 5	7-1/4	14-3/4	5-1/16	##	12-3/4	1-3/4	7/8##	2-31/32	1-1/4	11	7-29/64	1-7/8

\* 1-3/16 To 3-1/2 - One Collar  
3-15/16 To 5, - Two Collars

## (6) BOLTS EQUALLY SPACED  
\*\* +.000 -.002

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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B6-29



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

### Type E Wide Slot Take-Up Unit - Inch

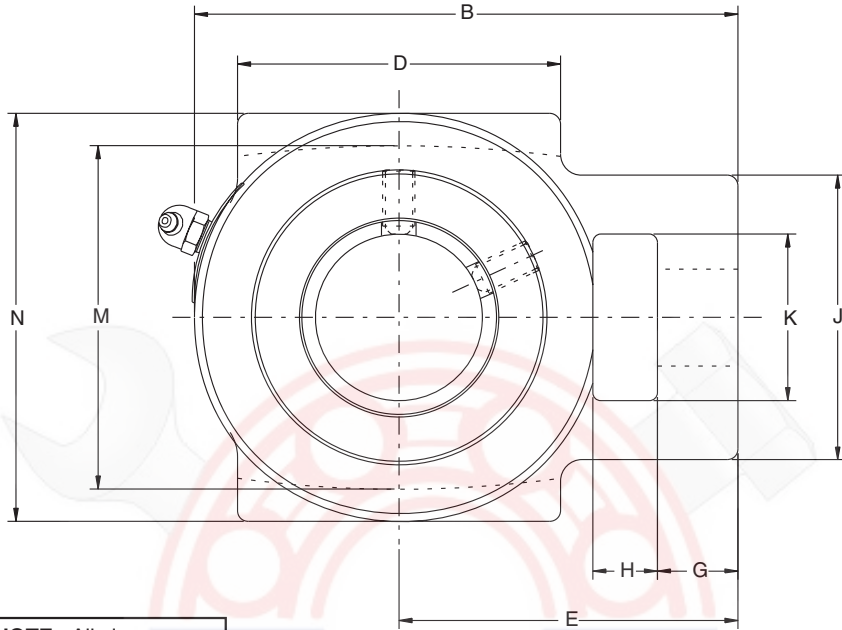
D-LOK

Type E Family

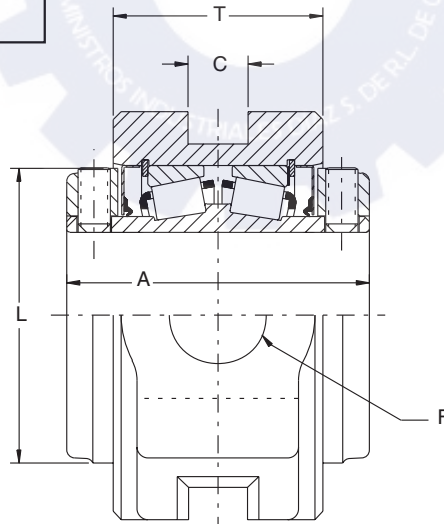
Specialty Tapered

S-2000

UNISPHERE II



**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/8" THRU 3" CONSTRUCTION

FEATURES/BENEFITS  
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SELECTION  
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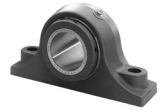
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B6-30

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## SELECTION/DIMENSIONS

### Type E Wide Slot Take-Up Unit - Inch

GRAY IRON				
SHAFT SIZE # Inches	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)	FRAME Δ
1-3/8	<b>023076+</b>	WSTU-E-106R	8	CP308
1-7/16	<b>023077</b>	WSTU-E-107R	8	
1-1/2	<b>023078</b>	WSTU-E-108R	10	CP400
1-5/8	<b>023079+</b>	WSTU-E-110R	10	
1-11/16	<b>023080</b>	WSTU-E-111R	10	
1-3/4	<b>023081+</b>	WSTU-E-112R	12	CP400
1-7/8	<b>023082+</b>	WSTU-E-114R	12	
1-15/16	<b>023083</b>	WSTU-E-115R	12	
2	<b>023084</b>	WSTU-E-200R	12	
2-3/16	<b>023085</b>	WSTU-E-203R	16	CP408
2-1/4	<b>023086+</b>	WSTU-E-204R	21	CP502
2-7/16	<b>023087</b>	WSTU-E-207R	21	
2-1/2	<b>023088+</b>	WSTU-E-208R	21	
2-11/16	<b>023089+</b>	WSTU-E-211R	30	CP515
2-3/4	<b>023090+</b>	WSTU-E-212R	30	
2-15/16	<b>023091</b>	WSTU-E-215R	30	
3	<b>023092+</b>	WSTU-E-300R	30	

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

Δ See page B15-20 for CP Take-Up Frame

SHAFT SIZE INCHES	A	B	C	D	E	F SCREW DIA	G	H	J	K	L	M	N	T
1-3/8 1-7/16	3	5-3/32	17/32	2-3/4	3-7/32	3/4	11/16	5/8	2-7/16	1-7/16	2-3/4	3-1/2	4-1/8	2-1/16
1-1/2 1-5/8 1-11/16	3-3/8	6	11/16	3-1/4	3-13/16	1	15/16	3/4	3-5/16	1-15/16	3-3/16	4	4-3/4	2-5/16
1-3/4 1-7/8 1-15/16 2	3-1/2	6-5/16	11/16	3-3/4	3-15/16	1	15/16	3/4	3-5/16	1-15/16	3-7/16	4	4-3/4	2-7/16
2-3/16 2-1/4 2-7/16 2-1/2	3-3/4	7-1/8	13/16	3-3/4	4-5/8	1-1/8	1	1-1/4	3-7/8	2-1/4	3-3/4	4-1/2	5-1/4	2-9/16
2-11/16 2-3/4 2-15/16 3	4-1/2	9-1/8	1-13/16	4-3/4	5-7/8	1-1/2	1-3/8	1-1/2	4-7/8	2-3/4	4-23/32	5-15/16	6-3/4	3

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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B6-31



D-LOK

Type E Family

Speciality Tapered

S-2000

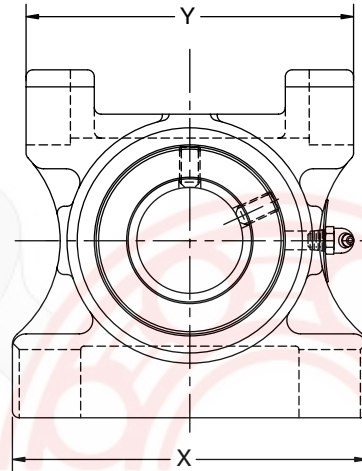
UNISPHERE II



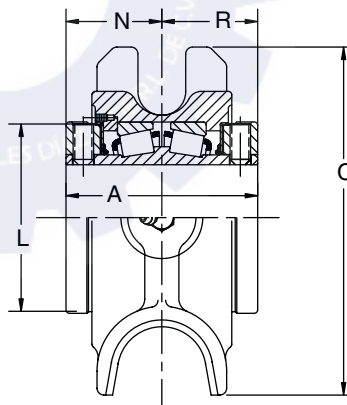
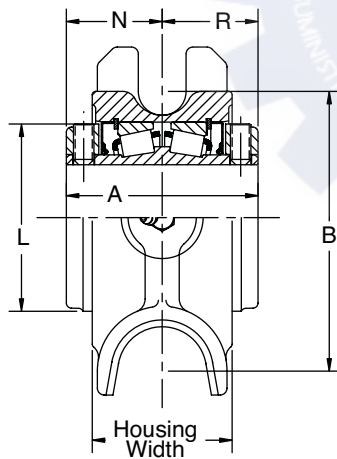


## SELECTION/DIMENSIONS

### Type E TP Take-Up Bearing - Inch



**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



D-LOK

Type E Family

Specialty Tapered

S-2000

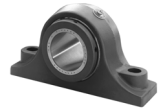
UNISPHERE II

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PAGE B6-11



## SELECTION/DIMENSIONS

### Type E TP Take-Up Bearing - Inch

GRAY IRON				
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS( APPROX)	FRAME SIZE REF.
1-3/4	<b>023149+</b>	TP-E-112R	14	TP10
1-7/8	<b>023150+</b>	TP-E-114R	14	TP10
1-15/16	<b>023151</b>	TP-E-115R	14	TP10
2	<b>023152</b>	TP-E-200R	14	TP10
2-3/16	<b>023153</b>	TP-E-203R	16	TP20
2-1/4	<b>023154+</b>	TP-E-204R	21	TP30
2-7/16	<b>023155</b>	TP-E-207R	21	TP30
2-1/2	<b>023156+</b>	TP-E-208R	21	TP30
2-11/16	<b>023157+</b>	TP-E-211R	29	TP40
2-3/4	<b>023158+</b>	TP-E-212R	29	TP40
2-15/16	<b>023159</b>	TP-E-215R	29	TP40
3	<b>023160+</b>	TP-E-300R	29	TP40
3-3/16	<b>023161+</b>	TP-E-303R	43	TP50
3-1/4	<b>023162+</b>	TP-E-304R	43	TP50
3-7/16	<b>023163</b>	TP-E-307R	42	TP50
3-1/2	<b>023164+</b>	TP-E-308R	42	TP50
3-15/16	<b>023165</b>	TP-E-315R	62	TP60
4	<b>023166+</b>	TP-E-400R	62	TP60

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

Shaft Size	A	B	C	L	N	Housing Width	X	Y
1-3/4 1-7/8 1-15/16 2	3-1/2	5-3/16	6-3/8	3-7/16	1-3/4	2-9/16	6-1/2	6
2-3/16	3-3/4	5-13/16	6-7/8	3-3/4	1-7/8	2-9/16	6-3/4	7
2-1/4 2-7/16 2-1/2	4	6-1/4	7-7/16	4-1/16	2	3	7-1/2	7
2-11/16 2-3/4 2-15/16 3	4-1/2	7-3/16	8-5/16	4-23/32	2-1/4	3	8-1/2	8
3-3/16 3-1/4 3-7/16 3-1/2	5	8-5/16	9-5/8	5-1/2	2-1/2	3-3/4	9-1/2	9
3-15/16 4	6-1/4	9-1/16	11	6	3-1/8	4-3/4	11	10-1/2

**NOTE:** All sizes use a 1/8-27 NPT hydraulic grease fitting

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Type E Family

Speciality Tapered

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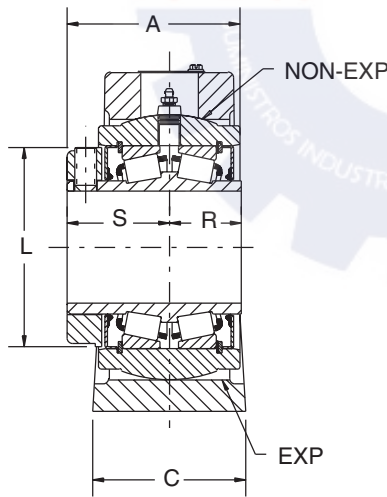
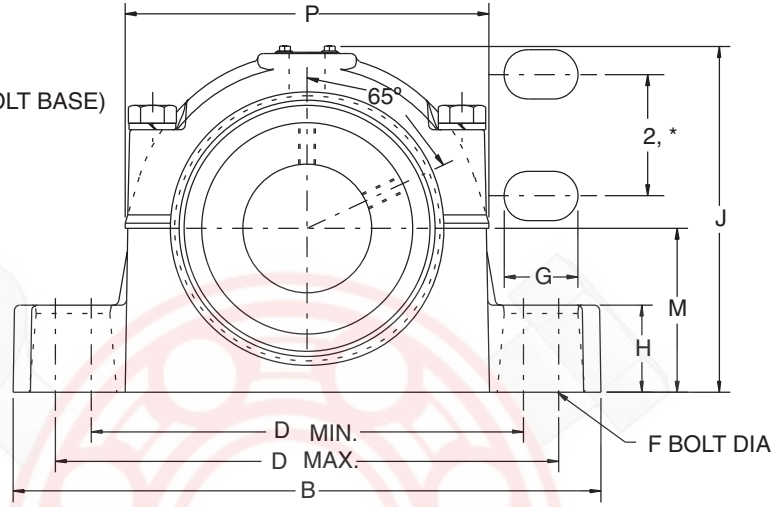


## SELECTION/DIMENSIONS

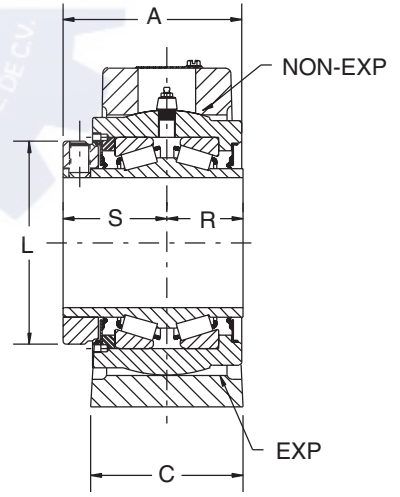
### Type K Pillow Blocks 2&4 BOLT BASE - INCH\*

- \* 1-3/16 THRU 3-1/2 (2 BOLT BASE)
- \* 3-15/16 (4 BOLT BASE)

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3"  
CONSTRUCTION



3-3/16" THRU 3-15/16"  
CONSTRUCTION

D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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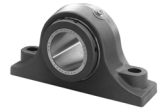
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## SELECTION/DIMENSIONS

### Type K Pillow Blocks 2&4 BOLT BASE - INCH\*

GRAY IRON* NON-EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	<b>023167</b>	P2B-K-103R	9
1-1/4	<b>023168</b>	P2B-K-104R	9
1-7/16	<b>023170</b>	P2B-K-107R	11
1-1/2	<b>023171</b>	P2B-K-108R	15
1-5/8	<b>023172+</b>	P2B-K-110R	14
1-11/16	<b>023173</b>	P2B-K-111R	14
1-3/4	<b>023174</b>	P2B-K-112R	20
1-15/16	<b>023175</b>	P2B-K-115R	19
2	<b>023176</b>	P2B-K-200R	19
2-3/16	<b>023177</b>	P2B-K-203R	24
2-1/4	<b>023178</b>	P2B-K-204R	28
2-7/16	<b>023179</b>	P2B-K-207R	28
2-1/2	<b>023180</b>	P2B-K-208R	28
2-11/16	<b>023181</b>	P2B-K-211R	40
2-3/4	<b>023182</b>	P2B-K-212R	40
2-15/16	<b>023183</b>	P2B-K-215R	39
3	<b>023184</b>	P2B-K-300R	39
3-7/16	<b>023186+</b>	P2B-K-307R	67
3-1/2	<b>023187</b>	P2B-K-308R	66
3-15/16 ▲	<b>023188</b>	P4B-K-315R	106

GRAY IRON EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	<b>023189</b>	P2B-K-103RE	9
1-1/4	<b>023190+</b>	P2B-K-104RE	9
1-7/16	<b>023192</b>	P2B-K-107RE	11
1-1/2	<b>023193</b>	P2B-K-108RE	15
1-5/8	<b>023194+</b>	P2B-K-110RE	14
1-11/16	<b>023195</b>	P2B-K-111RE	14
1-3/4	<b>023196+</b>	P2B-K-112RE	20
1-15/16	<b>023197</b>	P2B-K-115RE	19
2	<b>023198</b>	P2B-K-200RE	19
2-3/16	<b>023199</b>	P2B-K-203RE	24
2-1/4	<b>023200</b>	P2B-K-204RE	28
2-7/16	<b>023201</b>	P2B-K-207RE	28
2-1/2	<b>023200</b>	P2B-K-208RE	28
2-11/16	<b>023203</b>	P2B-K-211RE	40
2-3/4	<b>023204+</b>	P2B-K-212RE	40
2-15/16	<b>023205</b>	P2B-K-215RE	39
3	<b>023206</b>	P2B-K-300RE	39
3-7/16	<b>023208</b>	P2B-K-307RE	67
3-1/2	<b>023209+</b>	P2B-K-308RE	66
3-15/16 ▲	<b>023210</b>	P4B-K-315RE	106

\* Furnished Unless Otherwise Specified

# Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

# Consult DODGE For Sizes Not Listed

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D		F BOL TDIA	G	H	J	L	M	P	R	S	EXP*	
				MIN.	MAX.											
1-3/16																
1-1/4	2-9/32	7-1/2	1-7/8	6	6-3/8	3/8	11/16	1	4-17/32	2-1/4	2-1/8	5	1	1-3/8	3/32	
1-3/8	2-35/64	8	2-3/16	6-1/4	6-5/8	1/2	3/4	1-1/4	5-15/64	2-3/4	2-3/8	5-33/64	1-1/32	1-1/2	3/32	
1-7/16																
1-1/2																
1-5/8	2-53/64	9	2-3/8	6-7/8	7-5/8	1/2	1	1-3/8	5-3/4	3-3/16	2-5/8	5-13/16	1-9/16	1-11/16	3/32	
1-11/16																
1-3/4																
1-15/16	2-61/64	10	2-17/32	7-3/8	8-7/16	5/8	1-19/64	1-1/2	6-17/64	3-7/16	2-7/8	6-23/64	1-13/64	1-3/4	9/32	
2																
2-3/16	3-5/32	11	2-21/32	8-1/16	9-1/4	5/8	1-21/64	1-1/2	6-33/64	3-3/4	3	6-61/64	1-1/4	1-7/8	9/32	
2-1/4																
2-7/16	3-11/32	12	2-13/16	9-1/4	10-1/4	5/8	1-17/64	1-3/4	7-1/32	4-1/16	3-1/4	7-3/8	1-5/16	2	9/32	
2-1/2																
2-11/16																
2-3/4	3-25/32	13-7/16	2-15/16	9-7/8	11-1/2	3/4	1-11/16	2	7-59/64	4-23/32	3-3/4	8-5/16	1-7/16	2-1/4	9/32	
2-15/16																
3																
3-3/16																
3-7/16	4-17/64	16	3-7/16	12-13/16	13-13/16	7/8	1-1/2	2-1/4	9-27/64	5-1/2	4-1/2	10-3/32	1-11/16	2-1/2	9/32	
3-1/2																
3-15/16▲	5-13/32	17-7/16	4-3/4	13-1/8	14-3/4	3/4	1-45/64	2-3/4	10-27/64	6	5	10-45/64	2-1/8	3-1/8	11/32	

\*Exp-Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

▲ 4 Bolt Base (See Page For Bolts Spacing)

Dowel Hole Locations For Precision Positioning - See Page -

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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D-LOK

Type E Family

Speciality Tapered

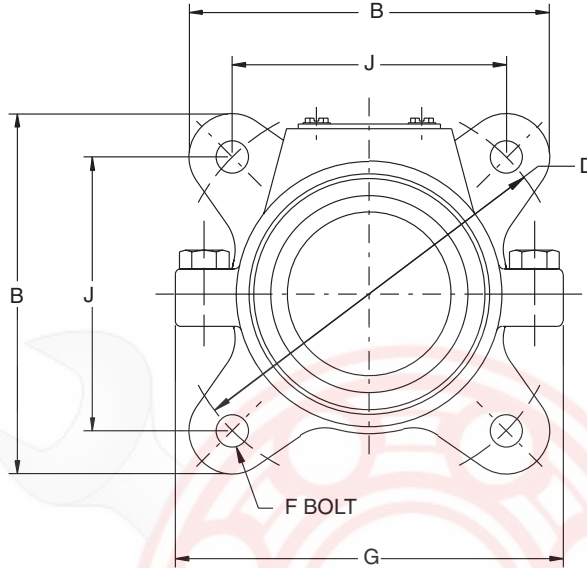
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UNISPHERE II

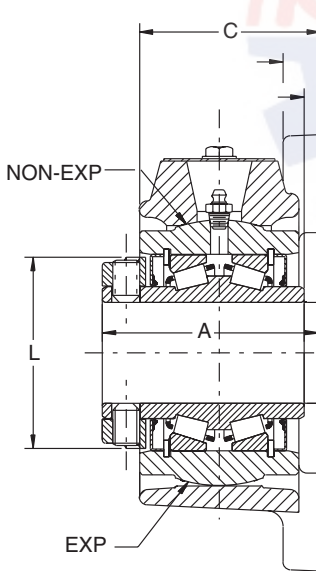


## SELECTION/DIMENSIONS

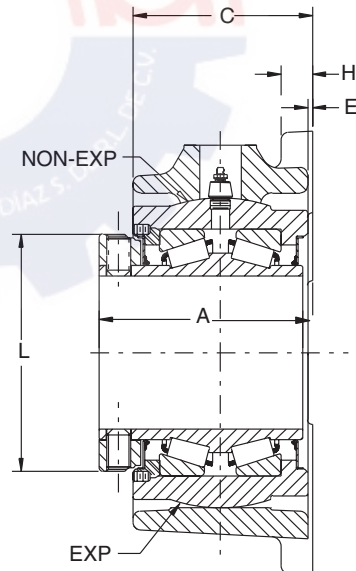
### Type K Flange Bearing - Inch



**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3" INTERNAL CONSTRUCTION



3-3/16" THRU 3-15/16" INTERNAL CONSTRUCTION

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Type E Family

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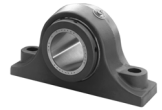
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## SELECTION/DIMENSIONS

### Type K Flange Bearing - Inch

DUCTILE IRON - NON-EXPANSION*			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-1/4	<b>023212+</b>	F4B-K-104R	6
1-7/16	<b>023214</b>	F4B-K-107R	7
1-1/2	<b>023215</b>	F4B-K-108R	12
1-15/16	<b>023219</b>	F4B-K-115R	14
2	<b>023220</b>	F4B-K-200R	14
2-3/16	<b>023221</b>	F4B-K-203R	17
2-7/16	<b>023223</b>	F4B-K-207R	20
2-1/2	<b>023224</b>	F4B-K-208R	20
2-15/16	<b>023227</b>	F4B-K-215R	24
3	<b>023228+</b>	F4B-K-300R	24
3-7/16	<b>023230</b>	F4B-K-307R	45
3-15/16	<b>023232</b>	F4B-K-315R	72

DUCTILE IRON - EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-1/4	<b>023234+</b>	F4B-K-104RE	6
1-7/16	<b>023236</b>	F4B-K-107RE	7
1-1/2	<b>023237</b>	F4B-K-108RE	12
1-15/16	<b>023241</b>	F4B-K-115RE	14
2	<b>023242</b>	F4B-K-200RE	14
2-3/16	<b>023243</b>	F4B-K-203RE	17
2-7/16	<b>023245</b>	F4B-K-207RE	20
2-1/2	<b>023246+</b>	F4B-K-208RE	20
2-15/16	<b>023249</b>	F4B-K-215RE	24
3	<b>023250+</b>	F4B-K-300RE	24
3-7/16	<b>023252</b>	F4B-K-307RE	45
3-15/16	<b>023254</b>	F4B-K-315RE	72

\* Furnished Unless Otherwise Specified

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D	E	F Bolt Dia.	G	H	J	L	EXP*
1-3/16											
1-1/4	2-9/16	5-3/16	2-1/8	5-21/32	3/16	3/8	5-1/4	7/16	4	2-1/4	9/32
1-3/8											
1-7/16	2-11/16	5-3/4	2-1/8	6-1/4	5/32	1/2	5-3/4	1/2	4-27/64	2-3/4	3/16
1-1/2											
1-5/8	3	6-1/8	2-7/16	6-3/4	5/32	1/2	6-3/4	1/2	4-25/32	3-3/16	3/16
1-11/16											
1-3/4											
1-15/16	3-1/8	6-7/8	2-9/16	7-1/2	5/32	5/8	7-1/4	9/16	5-5/16	3-7/16	3/16
2											
2-3/16	3-5/16	7-3/16	2-23/32	8	5/32	5/8	7-13/16	9/16	5-21/32	3-3/4	3/16
2-1/4											
2-7/16	3-9/16	7-5/8	2-59/64	8-1/2	1/4	5/8	8-9/16	5/8	6	4-1/16	5/16
2-1/2											
2-11/16											
2-3/4											
2-15/16	4	8-7/8	3-11/32	9-3/4	1/4	3/4	9-1/2	11/16	6-57/64	4-23/32	5/16
3											
3-3/16											
3-7/16	4-1/2	10-1/4	3-23/32	11-1/2	1/4	7/8	11-3/8	3/4	8-1/8	5-1/2	5/16
3-1/2											
3-15/16	5-1/2	11-7/16	4-5/8	13	1/8	1	12-7/8	13/16	9-3/16	6	5/16

\* ExpTotal Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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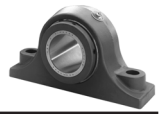
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Type E Family

Speciality Tapered

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## SELECTION/DIMENSIONS

### Type K Units - Inch

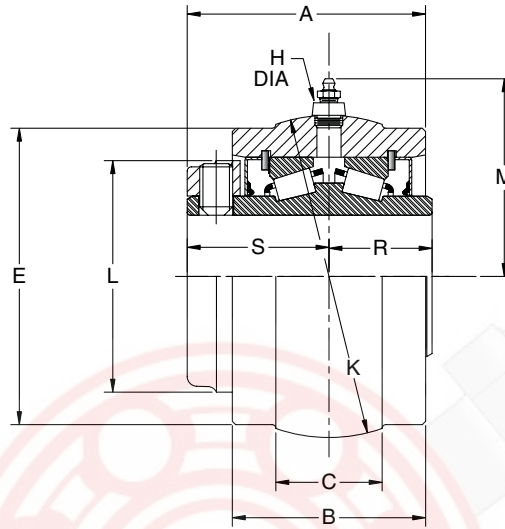
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Type E Family

Specialty Tapered

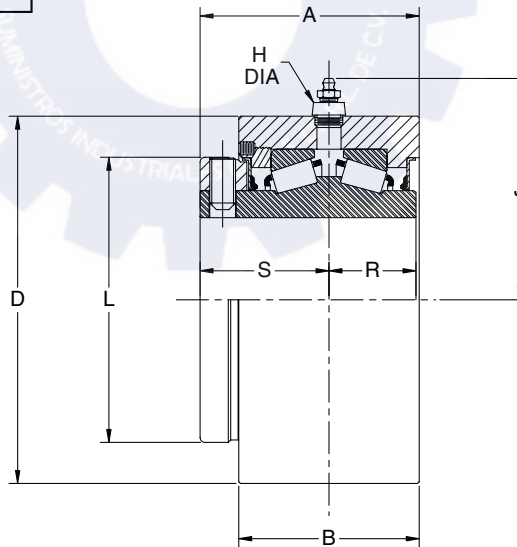
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UNISPHERE II



**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting

S-1 UNIT  
1-3/16" THRU 3" CONSTRUCTION



B-1 UNIT  
3-3/16" THRU 3-15/16" CONSTRUCTION

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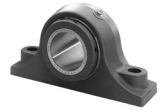
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## SELECTION/DIMENSIONS

### Type K Units - Inch

TYPE S-1 UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	<b>023271</b>	S1U-K-103R	3
1-1/4	<b>023272+</b>	S1U-K-104R	3
1-3/8	<b>023273+</b>	S1U-K-106R	4
1-7/16	<b>023274</b>	S1U-K-107R	4
1-1/2	<b>023275</b>	S1U-K-108R	5
1-5/8	<b>023276+</b>	S1U-K-110R	5
1-11/16	<b>023277</b>	S1U-K-111R	5
1-3/4	<b>023278+</b>	S1U-K-112R	7
1-15/16	<b>023279</b>	S1U-K-115R	7
2	<b>023280</b>	S1U-K-200R	7
2-3/16	<b>023281</b>	S1U-K-203R	9
2-1/4	<b>023282+</b>	S1U-K-204R	11
2-7/16	<b>023283</b>	S1U-K-207R	11
2-1/2	<b>023284+</b>	S1U-K-208R	11
2-11/16	<b>023285+</b>	S1U-K-211R	15
2-3/4	<b>023286+</b>	S1U-K-212R	15
2-15/16	<b>023287</b>	S1U-K-215R	15
3	<b>023288</b>	S1U-K-300R	15
3-3/16	<b>023289+</b>	S1U-K-303R	28
3-7/16	<b>023290</b>	S1U-K-307R	28
3-1/2	<b>023291+</b>	S1U-K-308R	28
3-15/16	<b>023292</b>	S1U-K-315R	40

# Consult DODGE For Sizes Not Listed.  
+ Non-stock -- Consult DODGE For Delivery

TYPE B-1 UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	-----	B1U-K-103R	3
1-1/4	-----	B1U-K-104R	3
1-3/8	<b>023293+</b>	B1U-K-106R	4
1-7/16	<b>023294+</b>	B1U-K-107R	4
1-1/2	<b>023295+</b>	B1U-K-108R	5
1-5/8	<b>023296+</b>	B1U-K-110R	5
1-11/16	<b>023297+</b>	B1U-K-111R	5
1-3/4	<b>023298+</b>	B1U-K-112R	7
1-15/16	<b>023299+</b>	B1U-K-115R	7
2	<b>023300+</b>	B1U-K-200R	7
2-3/16	<b>023301+</b>	B1U-K-203R	9
2-1/4	<b>023302+</b>	B1U-K-204R	11
2-7/16	<b>023303+</b>	B1U-K-207R	11
2-1/2	<b>023304+</b>	B1U-K-208R	11
2-11/16	<b>023305+</b>	B1U-K-211R	15
2-3/4	<b>023306+</b>	B1U-K-212R	15
2-15/16	<b>023307+</b>	B1U-K-215R	15
3	<b>023308+</b>	B1U-K-300R	15
3-3/16	<b>023309+</b>	B1U-K-303R	28
3-7/16	<b>023310+</b>	B1U-K-307R	28
3-1/2	<b>023311+</b>	B1U-K-308R	28
3-15/16	<b>023312+</b>	B1U-K-315R	40

# Consult DODGE For Sizes Not Listed.  
+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	A	B	C	D *	E%		H	J	K **	L	M	R	S
					MACHINE SIDE	CAST SIDE							
1-3/16 1-1/4	2-5/16	1-7/8	1-1/32	----	2.813	3-1/8	7/16	----	3.125	2-1/4	2-1/32	1	1-3/8
1-3/8 1-7/16	2-17/32	2-1/16	1-5/32	3-7/16	3.250	3-5/16	11/16	2-5/8	3.625	2-3/4	2-5/8	1-1/32	1-1/2
1-1/2 1-5/8 1-11/16	2-27/32	2-5/16	1-3/16	3-15/16	3.750	3-13/16	11/16	2-7/8	4.125	3-3/16	2-13/16	1-5/32	1-11/16
1-3/4 1-15/16 2	2-31/32	2-7/16	1-1/2	4-1/4	4.125	4-3/16	11/16	3	4.562	3-7/16	3-1/16	1-13/64	1-3/4
2-3/16 2-1/4	3-5/32	2-9/16	1-9/16	4-5/8	4.500	4-9/16	11/16	3-1/4	5.000	3-3/4	3-1/4	1-1/4	1-7/8
2-7/16 2-1/2	3-3/8	2-3/4	1-7/16	5	4.812	4-7/8	11/16	3-7/16	5.186	4-1/16	3-3/8	1-5/16	2
2-11/16 2-3/4 2-15/16 3	3-3/4	3	1-7/8	5-7/8	5.563	5-5/8	11/16	3-7/8	6.061	4-23/32	3-13/16	1-7/16	2-1/4
3-3/16 3-7/16 3-1/2	4-1/4	3-1/2	2	7-1/8	6.813	6-7/8	11/16	4-1/2	7.373	5-1/2	4-1/2	1-11/16	2-1/2
3-15/16	5-3/8	4-1/2	2-3/8	7-7/8	7.438	7-1/2	15/16	5-1/2	7.997	6	5-5/32	2-1/8	3-1/8

\* +.000 -0.002,"      % Machined side of unit is on collar side only.      **NOTE:** All sizes use a 1/8-27 NPT hydraulic grease fitting  
 \*\* +.000 -0.001 SIZES 1-3/16 THRU 3,"  
 ±.0005, SIZES 3-3/16 THRU 3-15/16,"  
 ALL DIMENSIONS SHOWN IN INCHES

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D-LOK

Type E Family

Speciality Tapered

S-2000

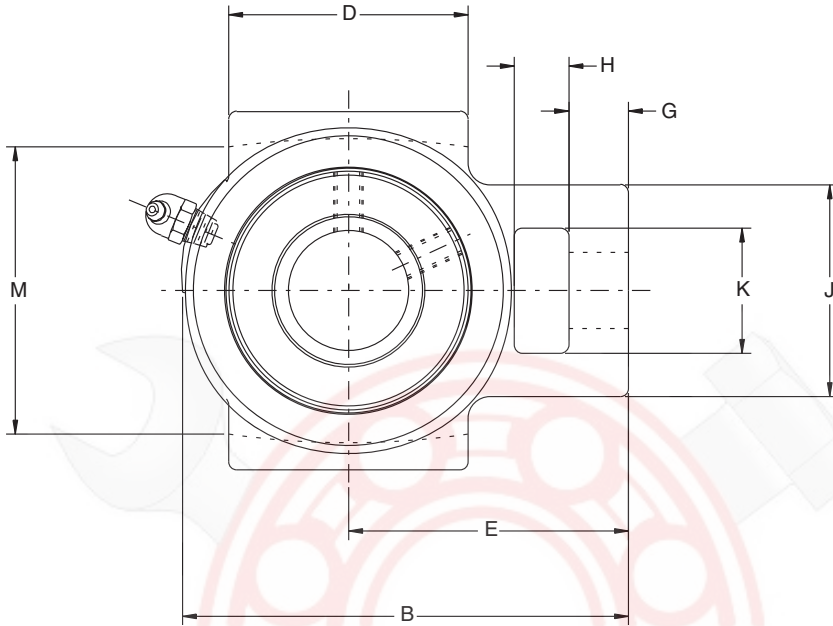
UNISPHERE II



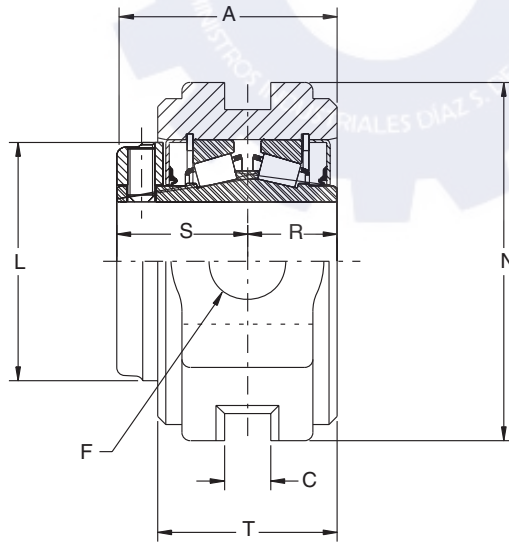


## SELECTION/DIMENSIONS

### Type K Wide Slot Take-Up Unit - Inch



**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/8" THRU 3" CONSTRUCTION

D-LOK

Type E Family

Specialty Tapered

S-2000

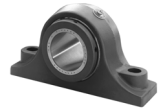
UNISPHERE II

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## SELECTION/DIMENSIONS

### Type K Wide Slot Take-Up Unit - Inch

GRAY IRON				
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)	CP FRAME SIZE
1-7/16	<b>023256+</b>	WSTU-K-107R	8	CP308
1-15/16	<b>023261</b>	WSTU-K-115R	11	CP400
2-3/16	<b>023263</b>	WSTU-K-203R	15	CP408
2-7/16	<b>023265</b>	WSTU-K-207R	20	CP502
2-1/2	<b>023266</b>	WSTU-K-208R	20	
2-15/16	<b>023269</b>	WSTU-K-215R	28	CP515
3	<b>023270</b>	WSTU-K-300R	28	

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE Inches	A	B	C	D	E	F SCREW DIA	G	H	J	K	L	M	N	R	S	T
1-7/16	2-17/32	5-3/32	17/32	2-3/4	3-7/32	3/4	11/16	5/8	2-7/16	1-7/16	2-3/4	3-1/2	4-1/8	1-1/32	1-1/2	2-1/16
1-15/16	2-31/32	6-5/16	11/16	3-3/4	3-15/16	1	15/16	3/4	3-5/16	1-15/16	3-7/16	4	4-3/4	1-13/64	1-3/4	2-7/16
2-3/16	3-5/32	7-1/8	13/16	3-3/4	4-5/8	1-1/8	1	1-1/4	3-7/8	2-1/4	3-3/4	4-1/2	5-1/4	1-1/4	1-7/8	2-9/16
2-7/16																
2-1/2	3-3/8	7-13/16	1-1/16	4-1/2	5-1/16	1-1/2	1-1/16	1-1/4	4-1/4	2-1/2	4-1/16	5-1/8	6	1-5/16	2	2-3/4
2-15/16																
3	3-3/4	9-1/8	1-13/16	4-3/4	5-7/8	1-1/2	1-3/8	1-1/2	4-7/8	2-3/4	4-23/32	5-15/16	6-3/4	1-7/16	2-1/4	3

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

D-LOK

Type E Family

Speciality Tapered

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UNISPHERE II

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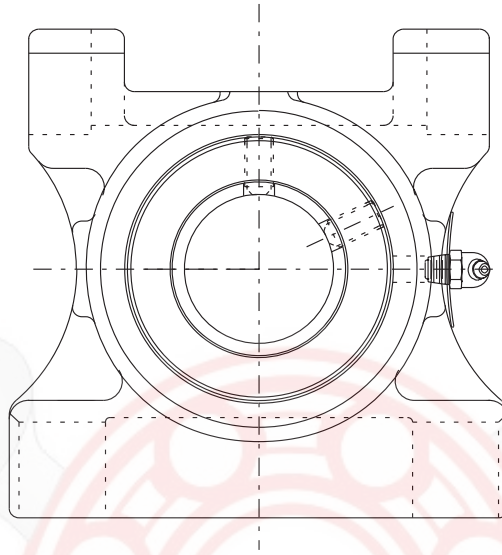
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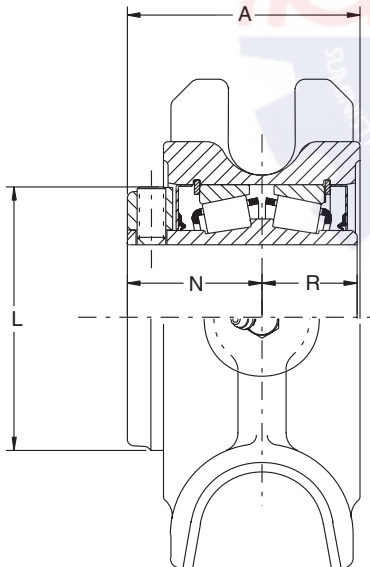


## SELECTION/DIMENSIONS

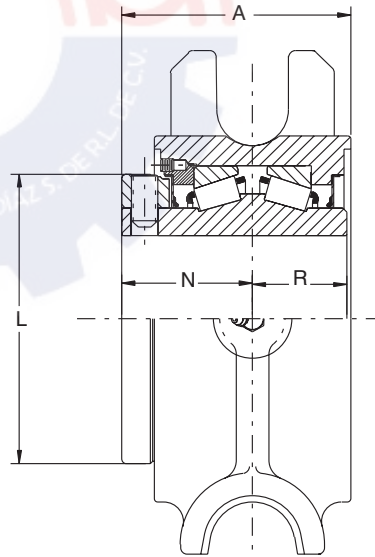
### Type K TP Take-Up Bearing - Inch



**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3" INTERNAL CONSTRUCTION



3-3/16" THRU 3-15/16" INTERNAL CONSTRUCTION

D-LOK

Type E Family

Specialty Tapered

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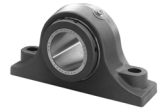
UNISPHERE II

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## SELECTION/DIMENSIONS

### Type K TP Take-Up Bearing - Inch

GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-15/16	<b>023314</b>	TP-K-115R	13
2-3/16	<b>023316</b>	TP-K-203R	16
2-7/16	<b>023318</b>	TP-K-207R	20
2-15/16	<b>023322</b>	TP-K-215R	27
3-7/16	<b>023325</b>	TP-K-307R	40
3-15/16	<b>023327</b>	TP-K-315R	59

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SHAFT SIZE INCHES	FRAME SIZE REF.	A	L	N	R
1-15/16	TP10	3-1/32	3-7/16	1-3/4	1-7/32
2-3/16	TP20	3-3/16	3-3/4	1-7/8	1-1/4
2-7/16	TP30	3-1/2	4-1/16	2	1-5/16
2-15/16	TP40	3-3/4	4-23/32	2-1/4	1-7/16
3-7/16	TP50	4-9/32	5-1/2	2-13/32	1-25/32
3-15/16	TP60	5-1/2	6	3-1/8	2-1/8

**NOTE:** All sizes use a 1/8-27 NPT hydraulic grease fitting

D-LOK

Type E Family

Speciality Tapered

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UNISPHERE II



## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Pillow Block - Inch 2-BOLT BASE

D-LOK

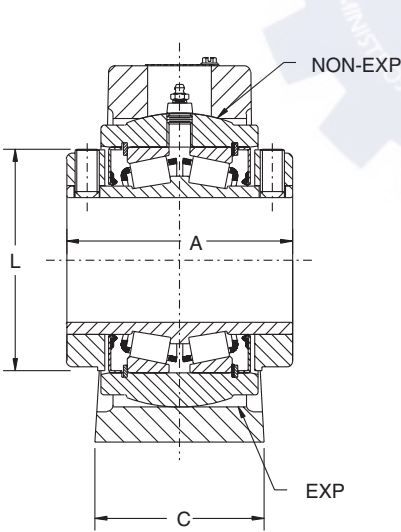
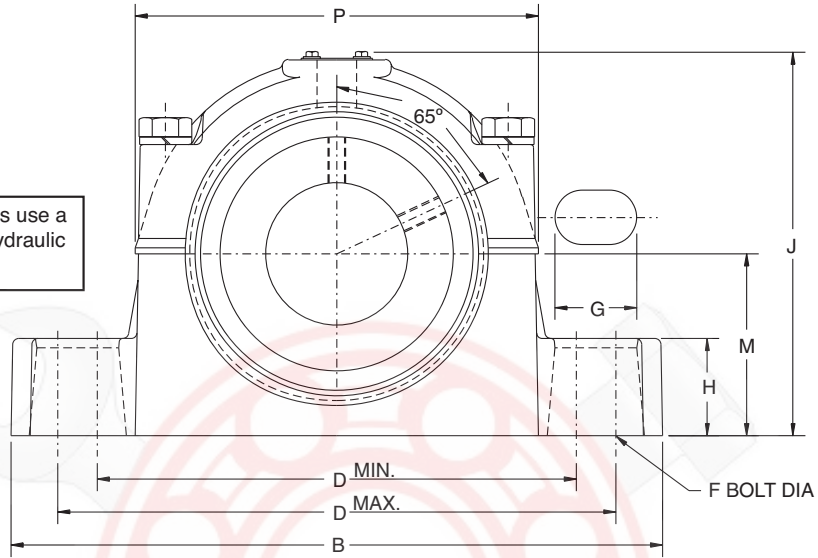
Type E Family

Specialty Tapered

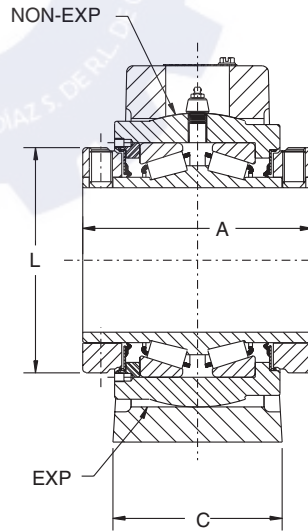
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UNISPHERE II

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-3/16" THRU 3" CONSTRUCTION



3-3/16" THRU 3-1/2" CONSTRUCTION

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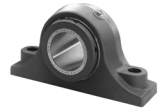
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## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Pillow Block - Inch 2-BOLT BASE

GRAY IRON NON-EXPANSION*					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS
1-1/4	104	023329	056130	023508	9
1-3/8	106	023330	056132	023509	11
1-7/16	107	023331	056132	023510	11
1-1/2	108	023332	056134	023511	15
1-5/8	110	023333	056134	023512	15
1-11/16	111	023334	056134	023513	15
1-3/4	112	023335	056136	023514	18
1-15/16	115	023337	056136	023516	17
2	200	023338	056136	023517	17
2-3/16	203	023339	056138	023518	25
2-1/4	204	023340	056140	023519	29
2-7/16	207	023341	056140	023520	26
2-1/2	208	023342	056140	023521	26
2-11/16	211	023343	056142	023522	41
2-3/4	212	023344	056142	023523	41
2-15/16	215	023345	056142	023524	40
3	300	023346	056142	023525	40
3-3/16	303	023347	056144	023526	67
3-7/16	307	023349	056144	023528	66
3-1/2	308	023350	056144	023529	66

Description = P2B-DI-207R For 2-7/16" Size

# Consult DODGE For Sizes Not Listed.

\* Furnished Unless Otherwise Specified

GRAY IRON EXPANSION					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS"
1-1/4	104	023376	056100	023508	9
1-3/8	106	023377	056102	023509	11
1-7/16	107	023378	056102	023510	11
1-1/2	108	023379	056104	023511	15
1-5/8	110	023380	056104	023512	15
1-11/16	111	023381	056104	023513	15
1-3/4	112	023382	056106	023514	18
1-15/16	115	023384	056106	023516	17
2	200	023385	056106	023517	17
2-3/16	203	023386	056108	023518	22
2-1/4	204	023387	056110	023519	29
2-7/16	207	023388	056110	023520	26
2-1/2	208	023389	056110	023521	26
2-11/16	211	023390	056112	023522	42
2-3/4	212	023391	056112	023523	42
2-15/16	215	023392	056112	023524	41
3	300	023393	056112	023525	41
3-3/16	303	023394	056114	023526	69
3-7/16	307	023396	056114	023528	68
3-1/2	308	023397	056114	023529	68

Description = P2B-DI-207RE For 2-7/16" Size

# Consult DODGE For Sizes Not Listed.

SHAFT SIZE INCHES	A	B	C	D		F BOLT DIA.	G	H	J	L	M	P	EXP*
				MIN.	MAX.								
1-1/4	2-3/4	7-1/2	1-7/8	6	6-3/8	3/8	43/64	1	4-17/32	2-1/4	2-1/8	5	3/32
1-3/8	3	8	2-3/16	6-1/4	6-5/8	1/2	3/4	1-1/4	5-15/64	2-3/4	2-3/8	5-33/64	3/32
1-7/16													
1-1/2	3-3/8	9	2-3/8	6-7/8	7-5/8	1/2	1	1-3/8	5-3/4	3-3/16	2-5/8	5-13/16	3/32
1-5/8													
1-11/16	3-1/2	10	2-17/32	7-3/8	8-7/16	5/8	1-19/64	1-1/2	6-17/64	3-7/16	2-7/8	6-23/64	9/32
1-3/4													
1-15/16	3-3/4	11	2-21/32	8-1/16	9-1/4	5/8	1-21/64	1-1/2	6-33/34	3-3/4	3	6-31/32	9/32
2													
2-3/16	4	12	2-13/16	9-17/64	10-1/4	5/8	1-17/64	1-3/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/4													
2-7/16	4-1/2	13-7/16	2-15/16	9-7/8	11-1/2	3/4	1-11/16	2	7-59/64	4-23/32	3-3/4	8-5/16	9/32
2-1/2													
2-11/16	5	16	3-7/16	12-13/16	13-13/16	7/8	1-1/2	2-1/4	9-27/64	5-1/2	4-1/2	10-3/32	9/32
2-3/4													
2-15/16													
3													
3-3/16													
3-7/16													
3-1/2													

\* EXP - Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

Dowel Hole Locations For Precision Positioning - See Page -

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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D-LOK

Type E Family

Speciality Tapered

S-2000

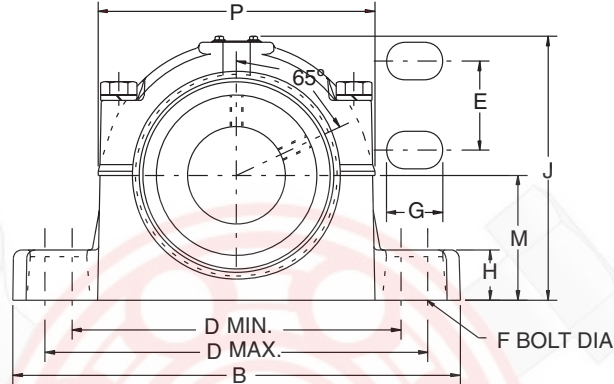
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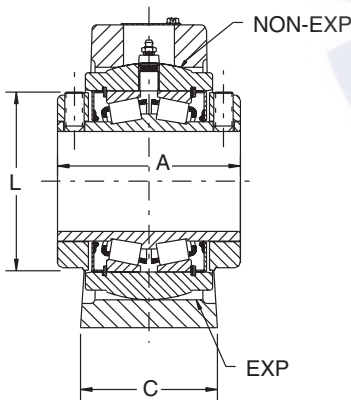
## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Pillow Block - Inch 4-BOLT BASE

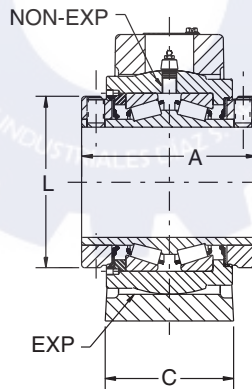
**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



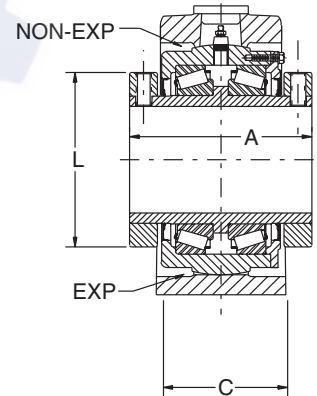
2-7/16" THRU 5"  
CONSTRUCTION



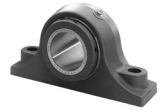
2-7/16" THRU 3"  
CONSTRUCTION



3-7/16" THRU 5"  
CONSTRUCTION



5-7/16" THRU 5-15/16"  
CONSTRUCTION



## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Pillow Block - Inch 4-BOLT BASE

GRAY IRON NON EXPANSION*					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS
2-7/16	207	023352	060745	023520	28
2-1/2	208	023353	060745	023521	28
2-11/16	211	023354	060747	023522	38
2-15/16	215	023356	060747	023524	38
3	300	023357	060747	023525	38
3-7/16	307	023360	060749	023528	69
3-1/2	308	023361	060749	023529	69
3-15/16	315	023362	060751	023530	109
4	400	023363	060751	023531	109
4-7/16	407	023364	060753	023532	139
4-1/2	408	023365	060753	023533	135
4-15/16	415	023366	060755	023534	183
5	500	023367	060755	023535	181
5-7/16	507	023368	060579	023536	310
5-15/16	515	023369	060579	023537	299

+ Furnished Unless Otherwise Specified  
Description = P4B-DI-207R For 2-7/16" Size  
# Consult DODGE For Sizes Not Listed.

GRAY IRON HOUSING BEARING INNER					
SHAFT SIZE INCHES#	SHAFT SIZE SYMBOL	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT., APRX LBS
2-7/16	207	023399	060746	023520	28
2-1/2	208	023400	060746	023521	28
2-11/16	211	023401	060748	023522	38
2-15/16	215	023403	060748	023524	38
3	300	023404	060748	023525	38
3-7/16	307	023407	060750	023528	69
3-1/2	308	023408	060750	023529	69
3-15/16	315	023409	060752	023530	110
4	400	023410	060752	023531	110
4-7/16	407	023411	060754	023532	139
4-1/2	408	023412	060754	023533	135
4-15/16	415	023413	060756	023534	181
5	500	023414	060756	023535	179
5-7/16	507	023415	060578	023536	310
5-15/16	515	023416	060578	023537	299

+ Furnished Unless Otherwise Specified  
Description = P4B-DI-207RE For 2-7/16" Size  
# Consult DODGE For Sizes Not Listed.

SHAFT SIZE INCHES	A	B	C	D		E	F BOLT DIA	G	H	J	L	M	P	EXP*
				MIN.	MAX									
2-7/16	4	12	3-3/8	9-17/64	10-1/4	1-3/4	1/2	1-1/16	1-3/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2				9-7/8	11-1/2									
2-11/16	4-1/2	13-7/16	3-1/2	9-7/8	11-1/2	1-7/8	5/8	1-9/16	2	7-59/64	4-23/32	3-3/4	8-5/16	9/32
2-15/16														
3	5	16	4	12-13/16	13-13/16	2	3/4	1-29/64	2-1/4	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-7/16														
3-1/2	6-3/4	19	4-5/8	14-3/8	16-1/4	2-1/4	3/4	1-13/16	3	11-37/64	6-29/64	5-3/4	12-29/64	11/32
3-15/16														
4	7-1/4	20-1/2	5-1/8	15-1/2	18-1/16	2-1/2	7/8	2-9/32	3-1/4	12-53/64	7-29/64	6-1/4	13-23/64	11/32
4-7/16														
4-1/2	9	23-11/16	6-1/4	19	20-5/8	3	1	1-15/16	3-1/2	14-19/32	9-3/8	7-1/8	15-1/8	1/2
4-15/16														

\*EXP - Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only) **NOTE:** All sizes use a 1/8-27 NPT hydraulic grease fitting  
Dowel Hole Locations For Precision Positioning - See Page -

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B6-47



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II





## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Flange Bearing - Inch

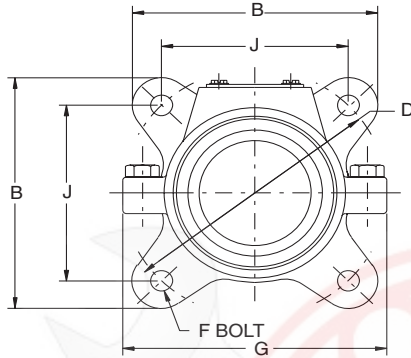
D-LOK

Type E Family

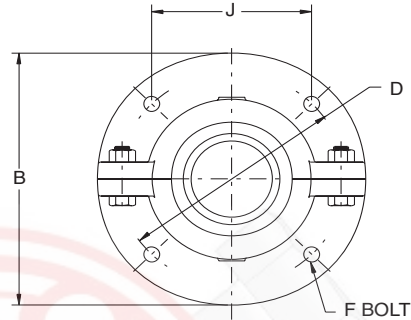
Specialty Tapered

S-2000

UNISPHERE II

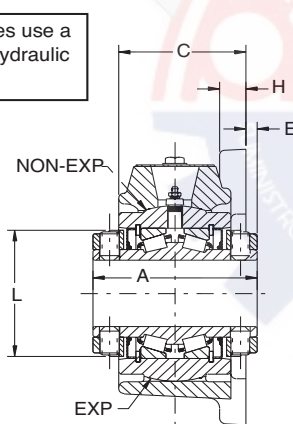


1-3/16" THRU 4" EXTERNAL CONSTRUCTION

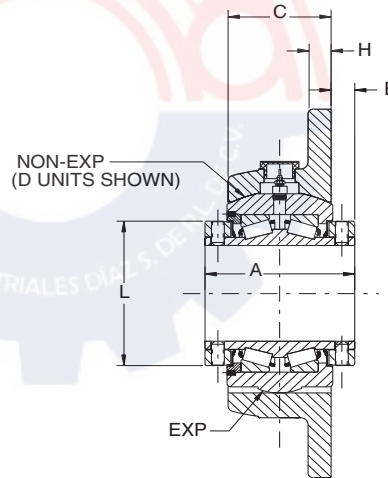


4-7/16" THRU 5" EXTERNAL CONSTRUCTION

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting

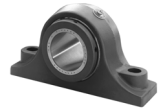


1-3/16" THRU 3" INTERNAL CONSTRUCTION



3-3/16" THRU 5" INTERNAL CONSTRUCTION OF UNIT

\* 4-7/16", 4-1/2", 4-15/16" & 5"  
NON-EXPANSION HOUSINGS USE THE D UNIT  
ALL OTHER HOUSING EXPANSION &  
NON-EXPANSION USE THE S1 UNIT



## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Flange Bearing - Inch

DUCTILE IRON NON-EXPANSION*			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-7/16	<b>023425</b>	F4B-DI-107R	9
1-15/16	<b>023431</b>	F4B-DI-115R	15
2	<b>023432</b>	F4B-DI-200R	15
2-3/16	<b>023433</b>	F4B-DI-203R	19
2-7/16	<b>023435</b>	F4B-DI-207R	22
2-1/2	<b>023436+</b>	F4B-DI-208R	22
2-15/16	<b>023439</b>	F4B-DI-215R	32
3	<b>023440+</b>	F4B-DI-300R	31
3-7/16	<b>023443</b>	F4B-DI-307R	53
3-15/16	<b>023445</b>	F4B-DI-315R	82
4-7/16 ◇	<b>023447+</b>	F4B-DI-407R	158
4-1/2 ◇	<b>023448+</b>	F4B-DI-408R	158
4-15/16 ◇	<b>023449</b>	F4B-DI-415R	220

- \* Furnished Unless Otherwise Specified
- # Consult DODGE For Sizes Not Listed.
- + Non-stock -- Consult DODGE For Delivery
- ◇ 4-7/16" - 5" Housings Are Made Of Cast Iron

DUCTILE IRON EXPANSION			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-7/16	<b>023454</b>	F4B-DI-107RE	9
1-15/16	<b>023460</b>	F4B-DI-115RE	15
2	<b>023461</b>	F4B-DI-200RE	15
2-3/16	<b>023462</b>	F4B-DI-203RE	19
2-7/16	<b>023464</b>	F4B-DI-207RE	22
2-1/2	<b>023465+</b>	F4B-DI-208RE	22
2-15/16	<b>023468</b>	F4B-DI-215RE	32
3	<b>023469+</b>	F4B-DI-300RE	31
3-7/16	<b>023472</b>	F4B-DI-307RE	53
3-15/16	<b>023474+</b>	F4B-DI-315RE	82
4-7/16 ◇	<b>023476+</b>	F4B-DI-407RE	158
4-1/2 ◇	<b>023477+</b>	F4B-DI-408RE	158
4-15/16 ◇	<b>023478</b>	F4B-DI-415RE	220

- # Consult DODGE For Sizes Not Listed.
- + Non-stock -- Consult DODGE For Delivery
- ◇ 4-7/16" - 5" Housings Are Made Of Cast Iron

SHAFT SIZE INCHES	A	B	C	D	E	F Bolt Dia.	G	H	J	L
1-7/16	3	5-3/4	2-1/8	6-1/4	5/16	1/2	5-3/4	1/2	4-27/64	2-3/4
1-15/16	3-1/2	6-7/8	2-9/16	7-1/2	3/8	5/8	7-1/4	9/16	5-5/16	3-7/16
2	3-3/4	7-3/16	2-23/32	8	7/16	5/8	7-13/16	9/16	5-21/32	3-3/4
2-3/16	4	7-5/8	2-15/16	8-1/2	7/16	5/8	8-9/16	5/8	6	4-1/16
2-7/16	4-1/2	8-7/8	3-11/32	9-3/4	1/2	3/4	9-1/2	11/16	6-57/64	4-23/32
2-1/2	5	10-1/4	3-23/32	11-1/2	1/2	7/8	11-3/8	3/4	8-1/8	5-1/2
2-15/16	6-1/4	11-7/16	4-5/8	13	3/4	1	12-7/8	13/16	9-3/16	6
3	6-3/4	17-3/4	4-5/8	15	1-1/16	1	-----	1	10-39/64	6-29/64
3-7/16	7-1/4	19	5	16	1-1/8	1-1/8	-----	1-1/8	11-5/16	7-29/64

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

D-LOCK

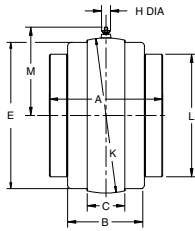
Type E Family

Specialty Tapered

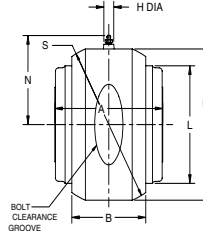
S-2000

UNISPHERE II

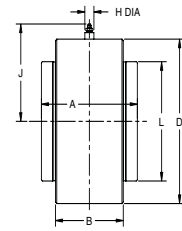
### DOUBLE-INTERLOCK Units - Inch



S-1 UNIT



D UNIT



B-1 UNIT

#### Pillow Block

S-1 units are used in expansion and non-expansion pillow block housings

#### Flange

S-1 unit is used in expansion flange housings and non-expansion flange housings for 1-3/16 - 4"

#### Flange

D units are used in non-expansion flange housings

- 4-7/16 - 5" bore size
- Formerly used in DOUBLE-INTERLOCK non-expansion flange bearing and pillow blocks thru 5 bore size prior to '78

B-1 units can only be used in a customer manufactured housing and are often mounted in machines where bored holes can be provided. B-1 units can be used either as a non-expansion or expansion bearing by providing a suitable means of locating the unit axially. B-1 units will handle slight misalignment requirements. Shaft must be supported by another unit or bearing. For mounting in rotating wheels the Type C B-1 units is preferred or consult the factory.

SHAFT SIZE INCHES	A	B	C	σ D	E		H	J	K	L	M	N	P	S
					MACH. SIDE	CAST SIDE								
1-3/16 1-1/4	2-3/4	1-7/8	11/32	3	2.813	2-9/32	**	2.42	3.125•	2-1/4	2.03	---	---	---
1-3/8 1-7/6	3	2-1/16	1-5/32	3-7/16	3.250	3-5/16	11/16	2.54	3.625•	2-3/4	2.64	2-7/8	3-5/8	3.844•
1-1/2 1-5/8 1-11/16	3-3/8	2-5/16	1-3/16	3-15/16	3.750	3-13/16	11/16	2.79	4.125•	3-3/16	2.89	3-1/8	4-3/32	4.344•
1-3/4 1-7/8 1-15/16 2	3-1/2	2-7/16	1-1/2	4-1/4	4.125	4-3/16	11/16	2.95	4.562•	3-7/16	3.10	3-1/4	4-7/16	4.656•
2-3/16 2-1/4 2-7/16 2-1/2	3-3/4	2-9/16	1-9/16	45/8	4.500	4-5/8	11/16	3.13	5.000•	3-3/4	3.32	3-7/16	4-23/32	5.000•
2-11/16 2-3/4 2-15/16 3	4-1/2	3	1-7/8	5-7/8	5.563	5-5/8	11/16	3.76	6.061•	4-23/32	3.85	4	5-13/16	6.094•
3-3/16 3-1/4 3-7/16 3-1/2	5	3-1/2	2	7-1/8	6.813	6-7/8	11/16	4.38	7.373#	5-1/2	4.51	4-11/16	7-7/32	7.500^
3-15/16 4	6-1/4	4-1/2	2-3/8	7-7/8	7.438	7-1/2	*	5.48	7.997#	6	5.16	5-1/8	8-1/8	8.375^
4-7/16 4-1/2	6-3/4	4-5/8	2-3/8	8-3/4	8.313	8-3/8	*	5.91	8.872#	6-29/64	5.60	5-1/2	8-7/8	9.125^
4-15/16 5	7-1/4	5-1/8	2-7/8	10-1/8	9.563	9-5/8	*	6.6	10.184#	7-29/64	6.26	6-3/16	10-1/4	10.500^
5-7/16 5-15/16 6	9	6-1/16	2-7/8	---	11.188	11-3/16	15/16	---	11.874	9-3/8	7.10	---	---	---
6-7/16 6-1/2 6-15/16 7	10-1/2	7-1/8	3	---	13.25	13-1/4	15/16	---	14.248	11-3/8	8.29	---	---	---

\* 11/16" DIA ON D UNITS; 15/16" ON S-1 UNITS AND 3/4 HEX ON B-1 UNITS

\*\* 11/16" DIA ON B-1 UNITS; 7/16" DIA ON S-1 UNITS

• +.000 TO .001"

# ±.0005"

σ +.000 TO -.002"

^ +.000 TO -.003"

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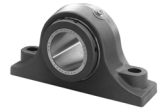
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## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK Units - Inch

"S-1" UNITS -- GRAY IRON 1-3/16" thru 3"			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023507	S1U-DI-103R	3
1-1/4	023508+	S1U-DI-104R	4
1-3/8	023509+	S1U-DI-106R	5
1-7/16	023510	S1U-DI-107R	5
1-1/2	023511+	S1U-DI-108R	7
1-5/8	023512	S1U-DI-110R	7
1-11/16	023513	S1U-DI-111R	7
1-3/4	023514	S1U-DI-112R	8
1-7/8	023515+	S1U-DI-114R	8
1-15/16	023516	S1U-DI-115R	8
2	023517	S1U-DI-200R	8
2-3/16	023518	S1U-DI-203R	10
2-1/4	023519+	S1U-DI-204R	12
2-7/16	023520	S1U-DI-207R	11
2-1/2	023521	S1U-DI-208R	11
2-11/16	023522	S1U-DI-211R	18
2-3/4	023523+	S1U-DI-212R	17
2-15/16	023524	S1U-DI-215R	17
3	023525	S1U-DI-300R	17

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"D" UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	-----	DU-DI-103R	-----
1-1/4	-----	DU-DI-104R	-----
1-3/8	023480+	DU-DI-106R	5
1-7/16	023481	DU-DI-107R	5
1-1/2	023482	DU-DI-108R	8
1-5/8	023483+	DU-DI-110R	7
1-11/16	023484	DU-DI-111R	7
1-3/4	023485	DU-DI-112R	8
1-7/8	023486+	DU-DI-114R	8
1-15/16	023487	DU-DI-115R	8
2	023488	DU-DI-200R	8
2-3/16	023489	DU-DI-203R	9
2-1/4	023490+	DU-DI-204R	12
2-7/16	023491	DU-DI-207R	12
2-1/2	023492	DU-DI-208R	12
2-11/16	023493	DU-DI-211R	18
2-3/4	023494	DU-DI-212R	17
2-15/16	023495	DU-DI-215R	16
3	023496	DU-DI-300R	16
3-3/16	023497	DU-DI-303R	32
3-1/4	023498+	DU-DI-304R	31
3-7/16	023499	DU-DI-307R	30
3-1/2	023500	DU-DI-308R	29
3-15/16	023501	DU-DI-315R	46
4	023502	DU-DI-400R	43
4-7/16	023503	DU-DI-407R	57
4 1/2	023504+	DU-DI-408R	64
4-15/16	023505	DU-DI-415R	85
5	023506+	DU-DI-500R	85

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"S-1" UNITS -- GRAY IRON 3-3/16" thru 7"			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
3-3/16	023526	S1U-DI-303R	34
3-1/4	023527+	S1U-DI-304R	31
3-7/16	023528	S1U-DI-307R	31
3-1/2	023529+	S1U-DI-308R	31
3-15/16	023530	S1U-DI-315R	43
4	023531	S1U-DI-400R	43
4-7/16	023532	S1U-DI-407R	57
4-1/2	023533+	S1U-DI-408R	64
4-15/16	023534	S1U-DI-415R	82
5	023535+	S1U-DI-500R	82
5-7/16	023536	S1U-DI-507R	159
5-15/16	023537	S1U-DI-515R	135
6	023538	S1U-DI-600R	128
6-7/16	023539	S1U-DI-607R	187
6-1/2	023540	S1U-DI-608R	182
6-15/16	023541	S1U-DI-615R	180
7	023542	S1U-DI-700R	178

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"B-1" UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023543	BIU-DI-103R	3
1-3/8	023545	BIU-DI-106R	5
1-7/16	023546	BIU-DI-107R	5
1-1/2	023547	BIU-DI-108R	6
1-5/8	023548+	BIU-DI-110R	6
1-3/4	023550	BIU-DI-112R	8
1-15/16	023552	BIU-DI-115R	8
2	023553	BIU-DI-200R	7
2-3/16	023554	BIU-DI-203R	9
2-7/16	023556	BIU-DI-207R	12
2-1/2	023557	BIU-DI-208R	11
2-11/16	023558+	BIU-DI-211R	17
2-3/4	023559+	BIU-DI-212R	17
2-15/16	023560	BIU-DI-215R	17
3	023561	BIU-DI-300R	17
3-7/16	023564	BIU-DI-307R	30
3-1/2	023565	BIU-DI-308R	30
3-15/16	023566	BIU-DI-315R	45
4	023567	BIU-DI-400R	44
4-7/16	023568	BIU-DI-407R	58
4 1/2	023569	BIU-DI-408R	64
4-15/16	023570	BIU-DI-415R	87
5	023571	BIU-DI-500R	86

# Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

FEATURES/BENEFITS PAGE B6-3	SPECIFICATION PAGE B6-8	NOMENCLATURE PAGE B6-10	SELECTION PAGE B6-11
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7821604051  
7821610766

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B6-51



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D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

### TAF Pillow Block - Inch 2-BOLT BASE

D-LOK

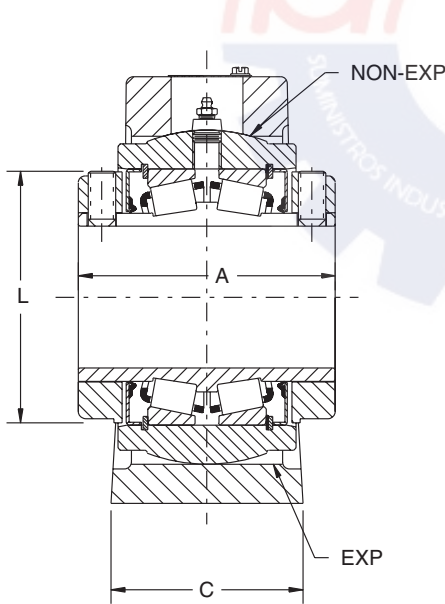
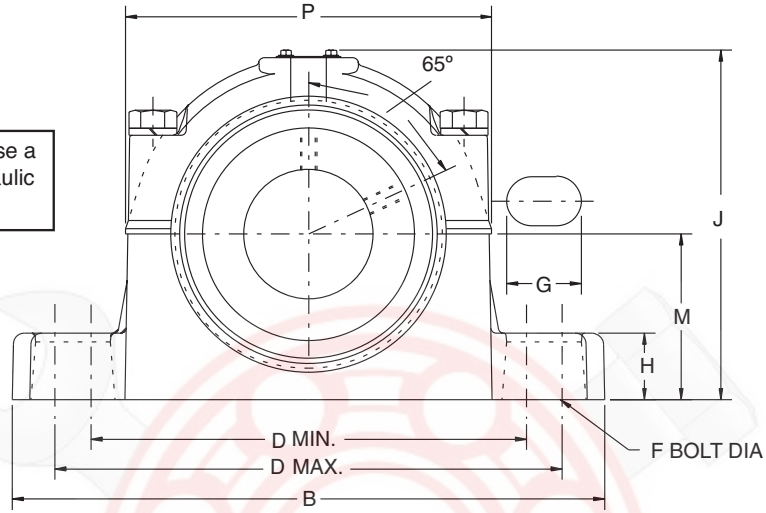
Type E Family

Specialty Tapered

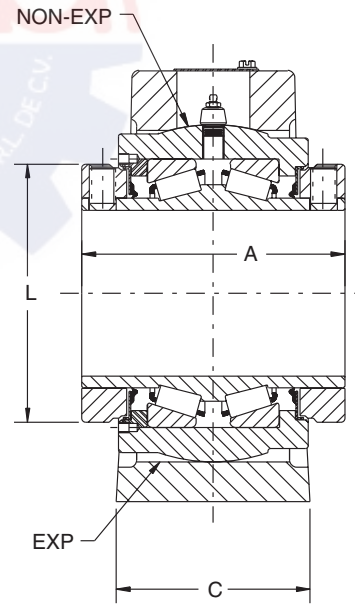
S-2000

UNISPHERE II

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



1-7/16" THRU 3" CONSTRUCTION



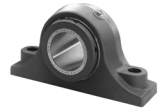
3-7/16" THRU 3-1/2" CONSTRUCTION

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SPECIFICATION  
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NOMENCLATURE  
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SELECTION  
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## SELECTION/DIMENSIONS

### TAF Pillow Block - Inch 2-BOLT BASE

GRAY IRON NON-EXPANSION +						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK.WT. APRX LBS
1-7/16	107	509	037580	037540	037632	12
1-11/16	111	510	037581	037541	037633	15
1-15/16	115	511	037582	037542	037634	17
2-3/16	203	513	037583	037543	037635	25
2-7/16	207	515	037584	037544	037636	30
2-1/2	208		037585	037544	037637	30
2-11/16	211	516	037586	037545	037638	38
2-3/4	212		037587	037545	037639	38
2-15/16	215	517	037588	037546	037640	45
3	300		037589	037546	037641	44
3-7/16	307	520	037590	037547	037642	71
3-1/2	308		037591	037547	037643	70

+ Furnished Unless Otherwise Specified.

Description = P2B-TAF-207RE FOR 2-7/16" Size

# Consult DODGE For Sizes Not Shown

GRAY IRON EXPANSION						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK.WT. APRX LBS
1-7/16	107	509	037592	037555	037632	12
1-11/16	111	510	037593	037556	037633	15
1-15/16	115	511	037594	037557	037634	17
2-3/16	203	513	037595	037558	037635	25
2-7/16	207	515	037596	037559	037636	30
2-1/2	208		037597	037559	037637	30
2-11/16	211	516	037598	037560	037638	38
2-3/4	212		037599	037560	037639	38
2-15/16	215	517	037600	037561	037640	45
3	300		037601	037561	037641	44
3-7/16	307	520	037602	037562	037642	71
3-1/2	308		037603	037562	037643	70

Description = P2B-TAF-207RE FOR 2-7/16" Size

# Consult DODGE For Sizes Not Shown

SHAFT SIZE INCHES	SAF SERIES	A	B	C	D		F BOLT DIA	G	H	J	L	M	P	EXP*
					MIN.	MAX.								
1-7/16	509	3	8-1/4	2-3/16	6-1/4	7	1/2	15/16	7/8	5-7/64	2-3/4	2-1/4	5-33/64	3/32
1-11/16	510	3-3/8	8-1/4	2-3/8	6-1/2	7	1/2	7/8	1-1/32	5-5/8	3-3/16	2-1/2	5-13/16	3/32
1-15/16	511	3-1/2	9-5/8	2-3/4	7-3/8	8-1/4	5/8	1-13/64	1-1/32	6-9/64	3-7/16	2-3/4	6-23/64	9/32
2-3/16	513	3-3/4	11	3-1/4	8-21/32	9-1/2	5/8	1-7/16	1-1/32	6-33/64	3-3/4	3	6-61/64	9/32
2-7/16	515	4	11-1/8	3-1/8	8-5/8	9-5/8	5/8	1-17/64	1-1/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2														
2-11/16	516	4-1/2	12-19/32	3-1/2	9-7/8	11	3/4	1-7/16	1	7-43/64	4-23/32	3-1/2	8-5/16	9/32
2-3/4														
2-15/16	517	4-1/2	12-19/32	3-1/2	9-7/8	11	3/4	1-7/16	1-1/4	7-59/64	4-23/32	3-3/4	8-5/16	9/32
3														
3-7/16	520	5	15-3/8	4-11/32	11-13/16	13-1/8	7/8	1-21/32	1-21/32	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-1/2														

\*EXP Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearing Only).

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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B6-53



D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II



## SELECTION/DIMENSIONS

### TAF Pillow Block - Inch 4-BOLT BASE

D-LOK

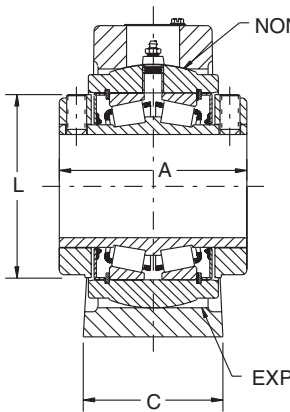
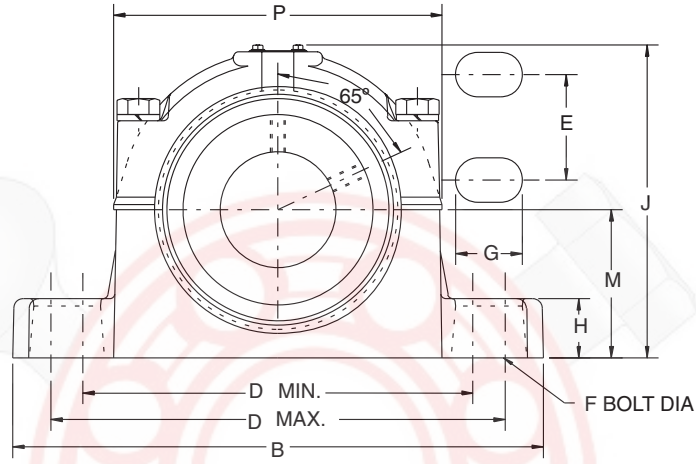
Type E Family

Specialty Tapered

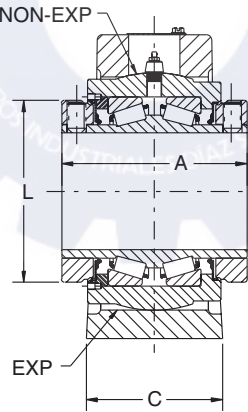
S-2000

UNISPHERE II

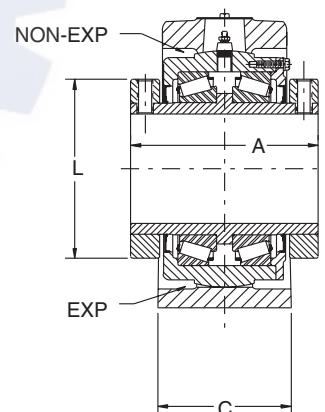
**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



2-7/16" THRU 3"  
CONSTRUCTION



3-7/16" THRU 5"  
CONSTRUCTION



5-7/16" THRU 7"  
CONSTRUCTION

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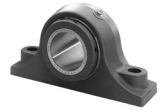
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## SELECTION/DIMENSIONS

### TAF Pillow Block - Inch 4-BOLT BASE

GRAY IRON NON-EXPANSION +						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT. APRX LBS
2-7/16	207	515	037604	037548	037636	30
2-1/2	208	515	037605	037548	037637	30
2-11/16	211	516	037606	037549	037638	38
2-3/4	212	516	037607	037549	037639	38
2-15/16	215	517	037608	037550	037640	45
3	300	517	037609	037550	037641	44
3-7/16	307	520	037610	037551	037642	71
3-1/2	308	520	037611	037551	037643	70
3-15/16	315	522	037612	037552	037644	110
4	400	522	037613	037552	037645	110
4-7/16	407	526	037614	037553	037646	140
4-1/2	408	526	037615	037553	037647	140
4-15/16	415	528	037616	037554	037648	180
5	500	528	037617	037554	037649	180
5-7/16	507	532	023584	042628	023610	300
5-15/16	515	534	023585	042630	023611	300
6	600	534	023586	042630	023612	300
6-7/16	607	536	023587	042632	023613	510
6-1/2	608	536	023588	042632	023614	510
6-15/16	615	538	023589	042634	023615	520
7	700	538	023590	042634	023616	0520

Description = P4B-TAF-207R FOR 2-7/16" Size Pillow Block  
+ Furnished Unless Otherwise Specified  
Consult DODGE For Sizes Not Shown

GRAY IRON EXPANSION						
SHAFT SIZE INCHES #	SHAFT SIZE SYMBOL	SAF HOUSING NUMBER	PILLOW BLOCK ASSY	HOUSING ONLY	BEARING INNER UNIT	PIL. BLK. WT. APRX LBS
2-7/16	207	515	037618	037563	037636	30
2-1/2	208	515	037619	037563	037637	30
2-11/16	211	516	037620	037564	037638	38
2-3/4	212	516	037621	037564	037639	38
2-15/16	215	517	037622	037565	037640	45
3	300	517	037623	037565	037641	44
3-7/16	307	520	037624	037566	037642	71
3-1/2	308	520	037625	037566	037643	70
3-15/16	315	522	037626	037567	037644	110
4	400	522	037627	037567	037645	110
4-7/16	407	526	037628	037568	037646	140
4-1/2	408	526	037629	037568	037647	140
4-15/16	415	528	037630	037569	037648	180
5	500	528	037631	037569	037649	180
5-7/16	507	532	023603*	042627*	023610	300
5-15/16	515	534	023604*	042629*	023611	300
6	600	534	023605*	042629*	023612	300
6-7/16	607	536	023606*	042631*	023613	510
6-1/2	608	536	023607*	042631*	023614	510
6-15/16	615	538	023608*	042633*	023615	520
7	700	538	023609*	042633*	023616	520

Description = P4B-TAF-207R FOR 2-7/16" Size Pillow Block  
+ Furnished Unless Otherwise Specified  
Consult DODGE For Sizes Not Shown

SHAFT SIZE	SAF SERIES	A	B	C	D		E	F BOLT DIA	G	H	J	L	M	P	EXP*
					MIN.	MAX.									
2-7/16	515	4	11-1/8	3-1/8	8-5/8	9-5/8	1-7/8	1/2	1-1/8	1-1/4	7-1/32	4-1/16	3-1/4	7-3/8	9/32
2-1/2															
2-11/16	516	4-1/2	12-19/32	3-1/2	9-7/8	11	2-1/8	5/8	1-21/64	1	7-43/64	4-23/32	3-1/2	8-5/16	9/32
2-3/4															
2-15/16	517	4-1/2	12-19/32	3-1/2	9-7/8	11	2-1/8	5/8	1-21/64	1-1/4	7-59/64	4-23/32	3-3/4	8-5/16	9/32
3															
3-7/16	520	5	15-3/8	4-11/32	11-5/8	13-1/8	2-3/8	3/4	1-5/8	1-21/32	9-27/64	5-1/2	4-1/2	10-3/32	9/32
3-1/2															
3-15/16	522	6-1/4	16-1/2	4-3/4	12-19/32	14-1/2	2-3/4	3/4	1-53/64	1-25/32	10-23/64	6	4-15/16	10-45/64	11/32
4															
4-7/16	526	6-3/4	18-3/8	5-1/8	14-1/2	16	3-1/4	7/8	1-3/4	2-1/16	11-53/64	6-29/64	6	12-29/64	11/32
4-1/2															
4-15/16	528	7-1/4	19-45/64	5-7/8	15-5/8	17-3/8	3-3/8	1	2	2-1/16	12-37/64	7-29/64	6	13-23/64	11/32
5															
5-7/16	532	9	21-21/32	6-1/4	17-5/8	19-1/4	3-3/4	1	1-59/64	2-11/32	14	9-3/8	6-11/16	15-1/8	13/32
5-15/16															
6	534	9	24-3/4	6-3/4	19	21-5/8	4-1/4	1	2-7/16	2-7/8	14-3/8	9-3/8	7-1/16	15-1/8	13/32
6-7/16															
6-1/2	536	10-1/2	26-3/4	7-1/8	21	23-5/8	4-5/8	1	2-7/16	3	16-3/16	11-3/8	7-1/2	18-5/16	13/32
6-15/16															
7	538	10-1/2	28	7-1/2	21-5/8	24-3/8	4-1/2	1-1/4	2-3/4	3-1/8	16-9/16	11-3/8	7-7/8	18-5/16	13/32

\*EXP - Total Expansion Divided Equally On Both Sides Of Bearing (Expansion Bearings Only)

NOTE: All sizes use a 1/8-27 NPT hydraulic grease fitting

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D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II





## SELECTION/DIMENSIONS

### TAF Units - Inch

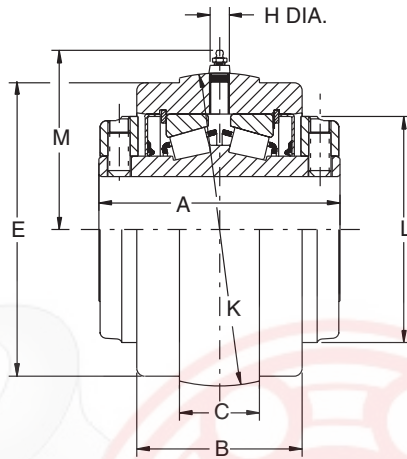
D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

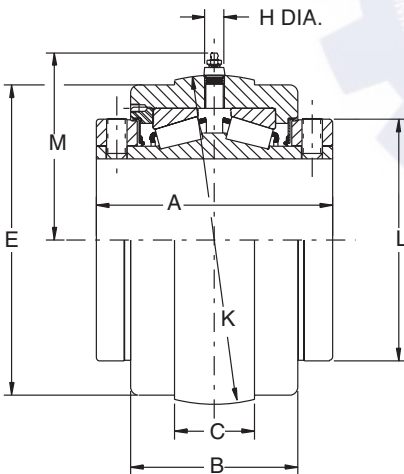


**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting

TAF S1 Unit Is Used In All Expansion And Non-Expansion TAF Housings

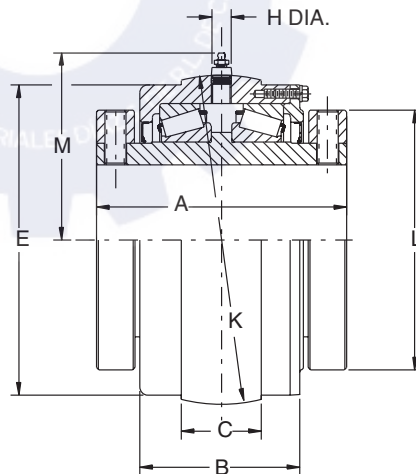
#### S-1 UNIT

1-7/16" THRU 3" CONSTRUCTION



#### S-1 UNIT

3-3/16" THRU 5" CONSTRUCTION



#### S-1 UNIT

5-7/16" THRU 7" CONSTRUCTION

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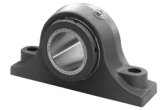
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## SELECTION/DIMENSIONS

### TAF Units - Inch

"S-1" UNITS - GRAY IRON			
SHAFT SIZE # INCHES	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-7/16	<b>037632</b>	S1U509-TAF-107	5
1-11/16	<b>037633</b>	S1U510-TAF-111	7
1-15/16	<b>037634</b>	S1U511-TAF-115	8
2-3/16	<b>037635</b>	S1U513-TAF-203	9
2-7/16	<b>037636</b>	S1U515-TAF-207	11
2- 1/2	<b>037637</b>	S1U515-TAF-208	11
2-11/16	<b>037638</b>	S1U517-TAF-211	18
2-3/4	<b>037639+</b>	S1U517-TAF-212	17
2-15/16	<b>037640</b>	S1U517-TAF-215	17
3	<b>037641</b>	S1U517-TAF-300	17
3-7/16	<b>037642</b>	S1U520-TAF-307	31
3-1/2	<b>037643+</b>	S1U520-TAF-307	31
3-15/16	<b>037644</b>	S1U522-TAF-315	43
4	<b>037645</b>	S1U522-TAF-400	43
4-7/16	<b>037646</b>	S1U526-TAF-407	57
4-1/2	<b>037647+</b>	S1U526-TAF-408	68
4-15/16	<b>037648</b>	S1U528-TAF-415	82
5	<b>037649+</b>	S1U528-TAF-500	82
5-7/16	<b>023610</b>	S1U-TAF-507R	155
5-15/16	<b>023611</b>	S1U-TAF-515R	143
6	<b>023612</b>	S1U-TAF-600R	138
6-7/16	<b>023613</b>	S1U-TAF-607R	187
6-1/2	<b>023614</b>	S1U-TAF-608R	182
6-15/16	<b>023615</b>	S1U-TAF-615R	180
7	<b>023616</b>	S1U-TAF-700R	178

NOTE: TAF inserts below 5-7/16" are not interchangeable with TAF-XT housings. For TAF-XT housings, with shafts of 5" or less, order Double Interlock S-1 units on Page B6-50

SHAFT SIZE INCHES	A	B	C	E		H	K	L	M
				MACH. SIDE	CAST SIDE				
1-7/16	3	2-1/16	1-5/32	3.250	3.31	3/4	3.595•	2-3/4	2-1/2
1-11/16	3-3/8	2-5/16	1-3/16	3.750	3.81	3/4	4.095•	3-3/16	2-7/8
1-15/16	3-1/2	2-7/16	1-1/2	4.125	4.18	3/4	4.502•	3-7/16	2-3/4
2-3/16	3-3/4	2-9/16	1-9/16	4.500	4.56	3/4	4.940•	3-3/4	2-61/64
2-7/16	4	2-3/4	1-7/16	4.812	4.87	3/4	5.156•	4-1/16	3-3/8
2- 1/2									
2-15/16	4-1/2	3	1-7/8	5.563	5.63	3/4	6.001•	4-23/32	3-7/8
3									
3-7/16	5	3-1/2	2-3/16	6.813	6.88	3/4	7.313*	5-1/2	4-1/2
3-1/2									
3-15/16	6-1/4	4-1/2	2-19/32	7.438	7.40	15/16	7.937*	6	5-1/8
4									
4-7/16	6-3/4	4-5/8	2-9/16	8.313	8.32	15/16	8.812*	6-29/64	5-1/2
4-1/2									
4-15/16	7-1/4	5-1/8	3-1/8	9.563	9.54	15/16	10.124*	7-29/64	6-3/16
5									
5-7/16	9	5-7/8	2-9/16	11.190	11.19	15/16	11.563^	9-3/8	6-29/32
5-15/16									
6									
6-7/16	10-1/2	7-1/8	3	13.250	13.25	15/16	13.748^	11-3/8	8
6-1/2									
6-15/16									
7									

• +.000, -.001"

# Consult DODGE For Sizes Not Listed

^ +.000, -.003" \* +.0005

+ Non-stock -- Consult DODGE For Delivery

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D-LOK

Type E Family

Speciality Tapered

S-2000

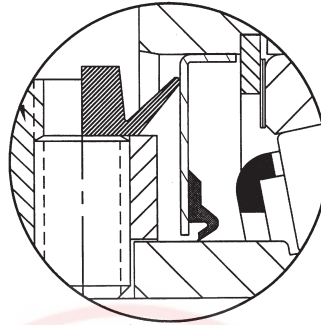
UNISPHERE II



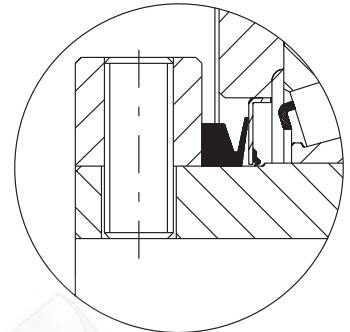
## SELECTION/DIMENSIONS

### Type E / Type K / DOUBLE-INTERLOCK /TAF E-TECT SEAL KITS

SHAFT SIZE INCHES	KIT PART NUMBER
1-3/16 TO 1-1/4	037650*
1-3/8 TO 1-7/16	037651*
1-1/2 TO 1-11/16	037652*
1-3/4 TO 2	037653*
2-3/16	037654*
2-1/4 TO 2-1/2	037655*
2-11/16 TO 3	037656*
3-3/16 TO 3-1/2	037657*
3-15/16 TO 4	037658*
4-7/16 TO 4-1/2	037659*
4-15/16 TO 5	037660*
5-7/16 TO 6	037673**
6-7/16 TO 7	037674**

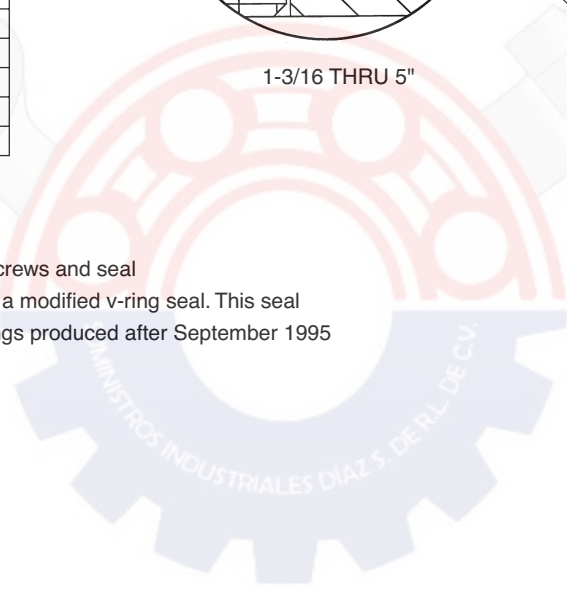


1-3/16 THRU 5"



5-7/16 THRU 7"

- \* Kit includes one collar, set screws and seal
- \*\* Kit for 5-7/16 - 7" consists of a modified v-ring seal. This seal can only be used with bearings produced after September 1995



D-LOK

Type E Family

Specialty Tapered

S-2000

UNISPHERE II

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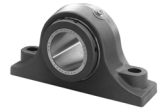
B6-58

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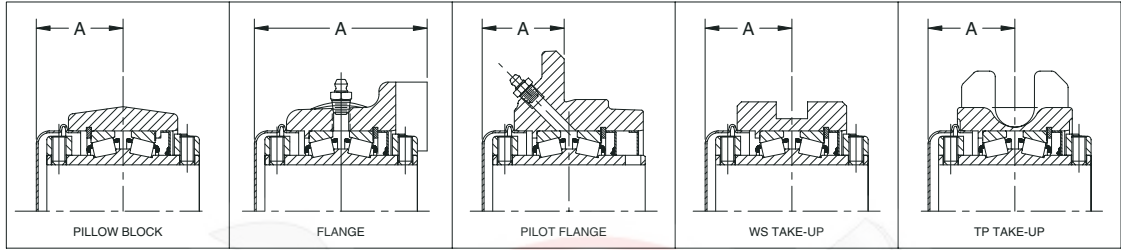


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## SELECTION/DIMENSIONS

### Type E TYPE E END CLOSURE KITS - INCH



\*\* Seal must be removed before installing the end cover

SHAFT SIZE $\Delta$ Inches	KIT* PART NO.	"A" DIMENSION (INCH)				
		PILLLOW BLOCK	FLANGE	PILOT FLANGE	WS TAKE-UP	TP TAKE-UP
1-3/16 TO 1-1/4	<b>023795</b>	1-9/16	2-31/32	1-15/32	----	----
1-3/8 TO 1-7/16	<b>023796</b>	1-11/32	3-7/32	1-21/32	1-21/32	----
1-1/2 TO 1-11/16	<b>023797</b>	1-57/64	3-43/64	1-47/64	1-55/64	----
1-3/4 TO 2	<b>023798</b>	1-61/64	3-51/64	1-47/64	1-59/64	1-63/64
2-3/16	<b>023799</b>	2-3/32	4-1/16	1-7/8	2-1/16	2-1/16
2-1/4 TO 2-1/2	<b>023800</b>	2-1/4	4-3/8	2	2-3/16	2-5/16
2-11/16 TO 3	<b>023801</b>	2-7/16	4-7/8	2-3/16	2-7/16	2-7/16

$\Delta$  - Consult DODGE For Sizes Not Listed.

\* - Kit Includes End Closure And Special Collar.

D-LOK

Type E Family

Speciality Tapered

S-2000

UNISPHERE II

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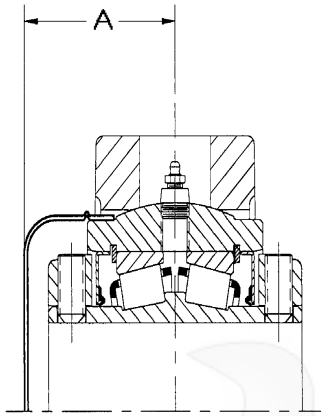
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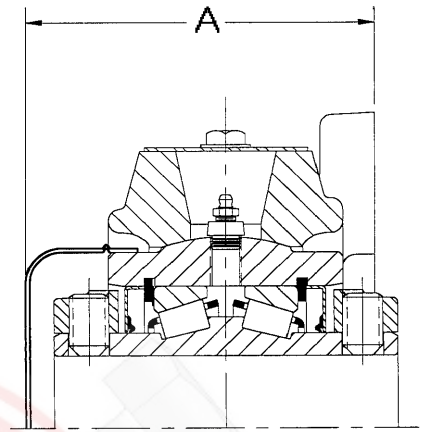


## SELECTION/DIMENSIONS

### Type K, DOUBLE-INTERLOCK and TAF End Closures



DOUBLE INTERLOCK SHOWN  
K, D-I & TAF



DOUBLE INTERLOCK SHOWN  
K & D-I

SHAFT SIZE INCHES	PART NUMBER	"A" DIMENSION	
		PILLOW BLOCK	FLANGE BEARING
1-3/8 TO 1-7/16	<b>037681</b>	1-21/32	2-27/32
1-1/2 TO 1-11/16	<b>037682</b>	1-55/64	3-11/64
1-3/4 TO 2	<b>037683</b>	1-59/64	3-19/64
2-3/16	<b>037684</b>	2-1/16	3-1/2
2-1/4 TO 2-1/2	<b>037685</b>	2-3/16	3-3/4
2-11/16 TO 3	<b>037686</b>	2-7/16	4-3/16
3-3/16 TO 3-1/2	<b>037687</b>	2-11/16	4-15/16
3-5/16 TO 4	<b>037688</b>	3-5/16	5-13/16
4-7/16 TO 4-1/2	<b>037689</b>	3-9/16	5-7/8
4-15/16 TO 5	<b>037690</b>	3-13/16	6-5/16

END CLOSURE MOUNTS ON MACHINED OD SIDE OF S-1 UNIT

D-LOK

Type E Family

Specialty Tapered

S-2000

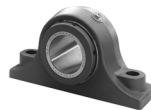
UNISPHERE II

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## SELECTION

### TAF - Smart Stock Selections HOW TO ORDER

#### Step 1: The Housing Choices Standard Or Drilled

When speed only will be monitored, select the standard housing.

When vibration, and /or temperature will be monitored, select the drilled housing

All housing part numbers shown are 4-bolt base, non-expansion



Shaft Size	Series	Standard Housing Part Numbers If you are monitoring speed only Part #	Drilled Housing Part Number For temperature and/or vibration Part #
207	515	037548	053067
215	517	037550	053628
307	520	037551	067350
315	522	037552	054960
407	526	037553	067352
415	528	037554	067353
507	532	042628	067354
515	534	042630	067357
615	538	042634	067234

#### Step 2: Pick An S1 Unit

Smart S-1 units feature  
Embedded thermocouple  
drilled and tapped holes  
for prox covers  
  
Special locking collar with  
prox targets



Shaft Size	S1 Unit
207	055805
215	055806
307	055807
315	049235
407	055915
415	055840
507	067355
515	067356
615	067323

#### Step 3: The Sensor Choices

For speed monitoring, use AC prox and prox cover or DC prox and prox cover. (Use DC with EZLINK only)

For temperature monitoring, use thermocouple transmitter or for speed, temperature and vibration monitoring, use EZLINK

Prox Covers		
Shaft	Housing	Part Number
207	515	067340
215	517	067342
307	520	067343
315	522	067344
407	526	067345
415	528	067346
507	532	067347
515	534	067347
615	538	067348

TAF Sensor kits	Part Number
AC Prox	055943
DC Prox	055948
Thermocouple Transmitter	055931
EZLINK	059652
Cable Connector Kit	063694
4-20 ma Accelerometer and Thermocouple	067576

\* For additional details on DODGE Smart Bearings, see brochure DMR-2026-6

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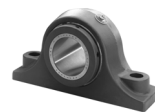
D-LOK

Type E Family

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## SELECTION

### Type E - Metric

#### SELECTION METRIC TYPE E TAPERED ROLLER BEARINGS

**DODGE Type E Double Row Tapered Roller Bearings** have the capacity to carry heavy radial loads, thrust loads, and combined radial and thrust loads. The maximum recommended load which can be applied is limited by various components in the system such as bearing, housing, shaft, shaft attachment, speed and life requirements as listed in this catalog. DODGE Unitized Type E Roller Bearings have been applied successfully even when these limits have been exceeded under controlled operating conditions. Contact DODGE Application Engineering (864-297-4800) for applications which exceed the recommendations of this catalog.

L<sub>10</sub> Life, Hours -- The fatigue life which may be expected from at least 90% of a given group of bearings operating under identical conditions.

$$L_{10} \text{ Life, Hours} = \left( \frac{C_{90}}{P} \right)^{10/3} \times \frac{1,500,000}{\text{RPM}}$$

Where: C<sub>90</sub> = Dynamic Capacity (Table 9), kN  
P = Equivalent Radial Load, kN  
(See Equation 1 On Page B6-64 for definition of P)

#### GENERAL

Heavy Service -- For heavy shock loads, frequent shock loads, or severe vibrations, increase the Equivalent Radial Load up to 50% (according to severity of conditions) to obtain a Modified Equivalent Radial Load. Consult Application Engineering at 864-297-4800 for additional selection assistance.

Thrust load values shown in the table below are recommended as a guide for general applications that will give adequate L<sub>10</sub> life. With substantial radial loads also present, it is advisable to calculate actual L<sub>10</sub> life to assure the bearing meets requirements.

RPM RANGE	20 - 200	201 - 2000	over 2000
RECOMMENDED THRUST LOAD	C <sub>90</sub> /4	C <sub>90</sub> /8	C <sub>90</sub> /12

The shaft tolerances recommended below are adequate for the conditions outlined in this catalog. Since the allowable load, especially at a low speed, is very large, the shaft should be checked to assure adequate shaft strength.

The magnitude and direction of both the thrust and radial load must be taken into account when selecting a shaft size. **Heavy loads should be directed through the base. Where uplift loads are involved see Table 12 for maximum values.** Where a load pulls the housing away from the mounting base, both the hold-down bolts and housing must be of adequate strength. Auxiliary load carrying devices such as shear bars are advisable for side or end loading of plummer blocks.

#### SHAFT TOLERANCES

SHAFT SIZE	TOLERANCE
Up to 35mm	+.000 - .013mm
40 to 100mm	+.000 - .025mm
100 - 150mm	+.000 - .038mm
160 - 180mm	+.000 - .051mm

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## SELECTION

### Type E - Metric

#### SELECTING BEARINGS SUPPORTING RADIAL LOADS ONLY

1. Define the desired  $L_{10}$  Life, in Hours
2. Establish bearing radial load, FR, kN
3. Establish RPM.

FR = P for Pure Radial Load Conditions.

P = Equivalent radial load, kN

(The Dodge program BEST• can be used to find application loads.)

Using the easy selection Table 10, Page B6-66 under the RPM column find the equivalent load that equals or is higher than the application radial load for the desired life. The shaft size on the far left will be the minimum shaft size that you can use for your application. If the desired life is different than the values shown on the chart, use alternate Method A shown below.

Example:  $L_{10}$  Life = 30,000 Hours  
 Radial load = 18 kN  
 RPM = 1000

At the intersection of the 1000 RPM column and at the 30,000 hours  $L_{10}$  life row, the equivalent radial load of 25 kN exceeds the 18kN application radial load for shaft

sizes 80, 85, and 90. Therefore, an 80, 85, or 90mm E bearing can be used to meet the application conditions of the above example:

#### ALTERNATE METHOD A --SELECTING A BEARING FOR AN $L_{10}$ LIFE VALUE NOT SHOWN IN THE EASY SELECTION CHART.

The  $L_{10}$  life equation can be rearranged so that the bearing dynamic capacity  $C_{90}$  is identified in terms of  $L_{10}$ , RPM and P.

$$C_{90} = \left( \frac{L_{10} \times \text{RPM}}{1,500,000} \right)^{0.3} \times P$$

(P =  $F_R$  for Pure Radial Load Conditions)

Since the  $L_{10}$ , RPM, and P are known, solve for  $C_{90}$ . Select from the dynamic capacity column on Table 9 the  $C_{90}$  value equal to or greater than the  $C_{90}$  value just calculated. The bore size on the far left represents the minimum shaft size selection. Check that the application RPM does not exceed the MAX. RPM on Table 9. When selecting a  $L_{10}$  life of less than 30,000 hours particular attention must be paid to shaft deflection and proper lubricant selection.

- The DODGE Bearing Evaluation and Selection Technique (BEST) is a menu driven computer program that calculates bearing loads, fatigue life, and operating temperature for a two bearing shaft system based on user supplied input parameters.

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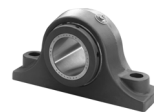
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## SELECTION

D-LOK

### Type E - Metric

#### SELECTING BEARINGS SUPPORTING BOTH RADIAL AND THRUST LOADS

When a bearing supports both a radial load and a thrust load, the loading on the two rows is shared unequally depending on the ratio of thrust to radial load. The use of the X (radial factor) and Y (thrust factor) from Table 9 convert the applied thrust load and radial loads to an equivalent radial load having the same effect on the life of the bearing as a radial load of this magnitude.

The equivalent radial load  $P = XFR + YFA$  (Equation 1)

Where:

- P = Equivalent radial load, kN
- FR = Radial load, kN
- FA = Thrust (axial) load, kN
- e = Thrust load to radial load factor (Table 1)
- X = Radial load factor (Table 1)
- Y = Thrust load factor (Table 1)

Calculate FA/FR and compare to **e** for the selected bore size. Determine X and Y from Table 1 depending on whether FA/FR is equal to or less than **e**, or FA/FR greater than **e**. Substitute all known values into the equivalent radial load equation. P (equivalent radial load) can be used in the life formula to determine  $L_{10}$  life in hours or compared to the allowable equivalent radial load ratings for the speed and hours life desired in the easy selection table.

#### SELECTING BEARINGS SUPPORTING ONLY THRUST LOADS

Type E tapered roller bearings are well suited to carry pure thrust loads. Follow the same selection procedure used above "Selecting Bearings Supporting Both Radial and Thrust Loads" except the equation  $P = XFR + YFA$  reduces to  $P = YFA$ . (XFR is equal to zero)

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### TABLE 9 RADIAL AND THRUST FACTORS FOR TYPE E TAPERED ROLLER BEARINGS (METRIC)

SHAFT SIZE (MM)	e	FA/FR ≤ e		FA/FR > e		DYNAMIC CAPACITY $C_{90}$ * kNEWTONS	MAXIMUM RPM	MAXIMUM SLIP FIT RADIAL LOAD, (FR)k N**
		X	Y	X	Y			
35	0.46	.87	1.89	.70	2.28	21.2	3,820	22.2
40	0.44	.87	1.96	.70	2.37	27.3	3,320	28.5
45, 50	0.33	.87	2.64	.70	3.18	35.9	3,050	37.4
55	0.35	.87	2.38	.70	2.87	38.0	2,730	39.6
60, 65	0.40	.87	2.17	.70	2.63	40.4	2,420	42.2
70, 75	0.45	.87	1.87	.70	2.26	42.7	2,060	44.5
80, 85, 90	0.50	.87	1.71	.70	2.07	68.1	1,640	71.2
100	0.49	.87	1.77	.70	2.14	93.4	1,530	98.0
110, 115	0.53	.87	1.63	.70	1.97	114.8	1,360	120.0
125	0.47	.87	1.83	.70	2.21	157.9	1,200	164.6
135, 140, 150	0.49	.87	1.76	.70	2.12	181.1	915	188.6
160, 170, 180	0.54	.87	1.61	.70	1.95	307.9	790	320.2

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### Type E - Metric

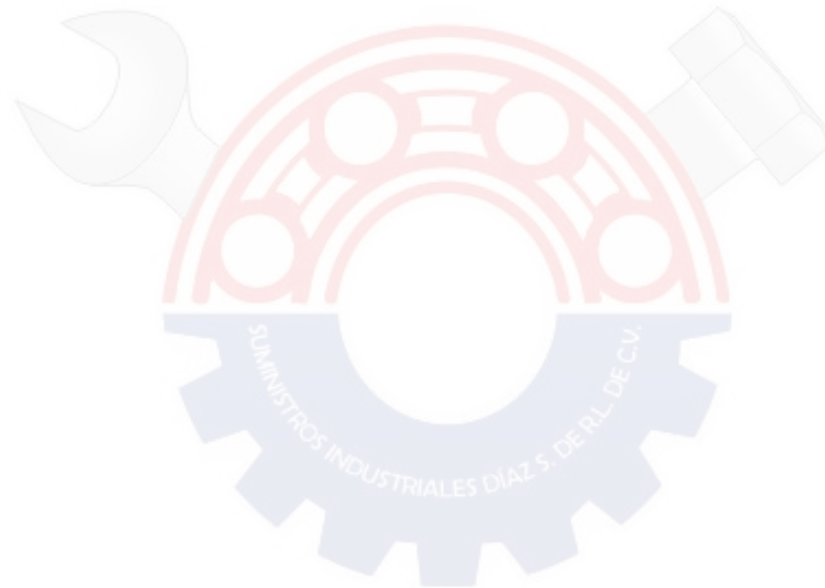
#### COMPARING SPHERICAL TO TAPER ROLLER BEARING

The dynamic capacity C (spherical) and  $C_{90}$  (taper) are not to the same base. To compare basic dynamic capacities, multiply C x .259 and compare to  $C_{90}$ .

To select and then compare, use the complete selection procedure for each type bearing and then compare.

\* $C_{90}$ ---Dynamic capacity based on a rated life of 90 million revolutions or 3000 hours at 500 RPM.

\*\* If load exceeds maximum allowable slip fit radial load ( $F_R$ ), line to line, to-light press fit of shaft required. Application loads up to maximum slip fit radial load may be applied if recommended shaft tolerances are used.



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### Type E - Metric

#### TABLE 10 - EASY SELECTION TABLE FOR TYPE E, DOUBLE ROW TAPERED ROLLER BEARINGS (METRIC)

SHAFT SIZE, MM	L10 LIFE, HRS.	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (kN) AT VARIOUS REVOLUTIONS PER MINUTE														
		50	100	150	250	500	750	1000	1250	1500	1750	2000	2500	2700	3000	3500
35	10000	30	25	20	20	15	15	10	10	10	10	10	10	10	10	10
	30000	20	15	15	15	10	10	10	10	5	5	5	5	5	5	5
	40000	20	15	15	10	10	10	5	5	5	5	5	5	5	5	5
	60000	15	15	10	10	10	5	5	5	5	5	5	5	5	5	5
	100000	15	10	10	10	5	5	5	5	5	5	5	5	5	5	5
40	10000	35	30	25	25	20	15	15	15	15	15	10	10	10	10	10
	30000	25	20	20	15	15	10	10	10	10	10	10	10	5	5	5
	40000	25	20	20	15	10	10	10	10	10	10	5	5	5	5	5
	60000	20	20	15	15	10	10	10	10	5	5	5	5	5	5	5
	100000	20	15	15	10	10	10	5	5	5	5	5	5	5	5	5
45 50	10000	55	45	40	35	25	25	20	20	20	20	20	15	15	15	--
	30000	40	30	30	25	20	15	15	15	15	15	15	10	10	10	--
	40000	35	30	25	20	20	15	15	15	15	10	10	10	10	10	--
	60000	30	25	25	20	15	15	15	15	10	10	10	10	10	10	--
	100000	25	20	20	15	15	10	10	10	10	10	10	10	10	10	--
55	10000	50	40	40	30	25	25	20	20	20	20	15	15	15	15	--
	30000	40	30	25	25	20	15	15	15	15	10	10	10	10	10	--
	40000	35	30	25	20	15	15	15	15	10	10	10	10	10	10	--
	60000	30	25	20	20	15	15	10	10	10	10	10	10	10	10	--
	100000	25	20	20	15	15	10	10	10	10	10	10	10	10	5	--
60 65	10000	55	45	40	35	30	25	20	20	20	20	20	15	--	--	--
	30000	40	30	30	25	20	15	15	15	15	15	15	10	--	--	--
	40000	35	30	25	20	20	15	15	15	15	10	10	10	--	--	--
	60000	30	25	25	20	15	15	15	10	10	10	10	10	--	--	--
	100000	30	20	20	15	15	10	10	10	10	10	10	10	--	--	--
70 75	10000	60	50	40	35	30	25	25	20	20	20	20	--	--	--	--
	30000	40	35	30	25	20	20	15	15	15	15	15	--	--	--	--
	40000	40	30	30	25	20	15	15	15	15	15	10	--	--	--	--
	60000	35	30	25	20	15	15	15	15	10	10	10	--	--	--	--
	100000	30	25	20	20	15	15	10	10	10	10	10	--	--	--	--
80 85 90	10000	95	75	70	60	45	40	40	35	35	30	--	--	--	--	--
	30000	70	55	50	40	35	30	25	25	25	25	--	--	--	--	--
	40000	60	50	45	40	30	25	25	25	20	20	--	--	--	--	--
	60000	55	45	40	35	25	25	20	20	20	20	--	--	--	--	--
	100000	45	40	35	30	25	20	20	20	15	15	--	--	--	--	--
100	10000	130	105	95	80	65	55	50	50	45	--	--	--	--	--	--
	30000	95	75	65	55	45	40	40	35	35	--	--	--	--	--	--
	40000	85	70	60	50	40	40	35	30	30	--	--	--	--	--	--
	60000	75	60	55	45	40	35	30	30	25	--	--	--	--	--	--
	100000	65	50	45	40	30	30	25	25	25	--	--	--	--	--	--

For Maximum RPM See Table 1 on Page B6-14.

In The Shaded Area E, DI & TAF Mounted Unites Required Line-To-Line Press Fit To Shaft

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## SELECTION

### Type E - Metric

#### TABLE 10 - EASY SELECTION TABLE FOR TYPE E, DOUBLE ROW TAPERED ROLLER BEARINGS (METRIC) (CONT.)

SHAFT SIZE, MM	L10 LIFE, HRS.	ALLOWABLE EQUIVALENT RADIAL LOAD RATING (kN) AT VARIOUS REVOLUTIONS PER MINUTE													
		50	100	150	250	500	750	1000	1250	1500	1750	2000	2500	2700	3000
110 115	10000	160	130	115	100	80	70	65	60	--	--	--	--	--	--
	30000	115	95	80	70	55	50	45	45	--	--	--	--	--	--
	40000	105	85	75	65	50	45	40	40	--	--	--	--	--	--
	60000	95	75	65	55	45	40	35	35	--	--	--	--	--	--
	100000	80	65	55	50	40	35	30	30	--	--	--	--	--	--
125	10000	220	180	155	135	110	95	90	85	--	--	--	--	--	--
	30000	155	130	115	95	80	70	65	60	--	--	--	--	--	--
	40000	145	115	105	90	70	65	60	55	--	--	--	--	--	--
	60000	130	105	90	80	65	55	50	50	--	--	--	--	--	--
	100000	110	90	80	65	55	50	45	40	--	--	--	--	--	--
135 140 150	10000	250	205	180	155	125	110	100	--	--	--	--	--	--	--
	30000	180	145	130	110	90	80	75	--	--	--	--	--	--	--
	40000	165	135	120	100	85	75	65	--	--	--	--	--	--	--
	60000	145	120	105	90	75	65	60	--	--	--	--	--	--	--
	100000	125	100	90	75	65	55	50	--	--	--	--	--	--	--
160 170 180	10000	430	345	305	265	215	190	--	--	--	--	--	--	--	--
	30000	305	250	220	190	155	135	--	--	--	--	--	--	--	--
	40000	280	230	205	175	140	125	--	--	--	--	--	--	--	--
	60000	250	205	180	155	125	110	--	--	--	--	--	--	--	--
	100000	215	175	155	130	105	95	--	--	--	--	--	--	--	--

For Maximum RPM See Table 1 on Page B6-14.

In The Shaded Area E, DI & TAF Mounted Unites Required Line-To-Line Press Fit To Shaft

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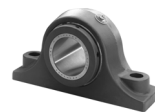
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## SELECTION

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### Type E

#### LUBRICATION

DODGE Type E Metric Tapered Roller Bearings are lubricated at the factory with Mobilith AW 2 grease up to 125mm and with Mobilux #2 EP above 125mm. Mobilith AW 2 is a superior industrial grease using a lithium complex thickener and a highly refined base oil. Mobilux #2EP grease is a superior industrial greases using a lithium hydroxystearate thickener and highly refined base oil. These greases will adequately handle low and medium speeds with low and medium loads at normal temperatures as defined on Table 13. For very low and high speeds, for heavy loads and for low and high temperatures, special greases must be used. Contact DODGE Application Engineering (864) 284-5700. DODGE engineers will recommend bearings and lubricants for the unusual conditions. DODGE also has the expertise to custom design and build special bearings for your needs.

**High Speed Operation** --- In the higher speed ranges too much grease will cause overheating. The amount of grease that the bearing will take for particular high speed application can only be determined by experience. If excess grease in the bearing caused overheating, it will be necessary to remove grease fitting (also drain plug when furnished) to permit excess grease to escape. When establishing a relubrication schedule, note that a small amount of grease at frequent intervals is preferable to a large amount at infrequent intervals.

#### Operation in Presence of Dust, Water or Corrosive Vapors

--- Under these conditions the bearing should contain as much grease as speed will permit, since a full bearing with consequent slight leakage is the best protection against entrance of foreign material. In the higher speed ranges too much grease will cause overheating --- see "High Speed Operation". In the lower speed ranges, it is advisable to add extra grease to a new bearing before putting into operation. Bearings should be greased as often as necessary (daily if required) to maintain a slight leakage at the seals.

#### INSTALLATION AND MAINTENANCE

In nearly all applications good design practice requires two bearings supporting the shaft. In cases where three or more bearings are installed, unless precautions are taken to line the bearings up, both vertically and horizontally, it is possible to induce heavy loads. To ensure good alignment, mounting surfaces must be checked for flatness and must lie in the same plane. When tightening base bolts and cap bolts, each bolt should be alternately tightened in incremental torque values until full torque is achieved to prevent the angular shifting of the pillow block that occurs when one bolt is tightened to its full torque. Shimming may be required to minimize misalignment.

**TABLE 11 - RELUBRICATION SCHEDULE**

Hours Run per Day	SUGGESTED LUBRICATION PERIOD IN WEEKS							
	1 to 250 RPM	251 to 500 RPM	501 to 750 RPM	751 to 1000 RPM	1001 to 1500 RPM	1501 to 2000 RPM	2001 to 2500 RPM	2501 to 3000 RPM
8	12	12	10	7	5	4	3	2
16	12	7	5	4	2	2	2	1
24	10	5	3	2	1	1	1	1

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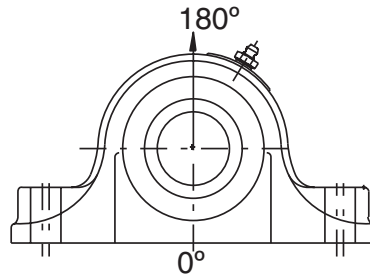
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### Type E - Metric

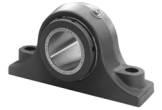


#### TABLE 12 - TYPE HOUSING RATINGS, GRAY IRON

BORE SIZE MM	MAXIMUM HOUSING CAP LOADS, kN
	P180
35	14
40	13
45, 50	23
55	16
60, 65	29
70, 75	31
80, 85, 90	70
100	72
110, 115	93
125	116
135, 140, 150	194
160, 170, 180	204

#### TABLE 13 - DEFINITION OF OPERATING CONDITIONS FOR TAPERED ROLLER BEARINGS

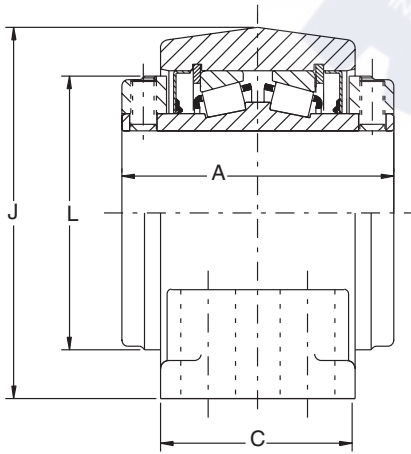
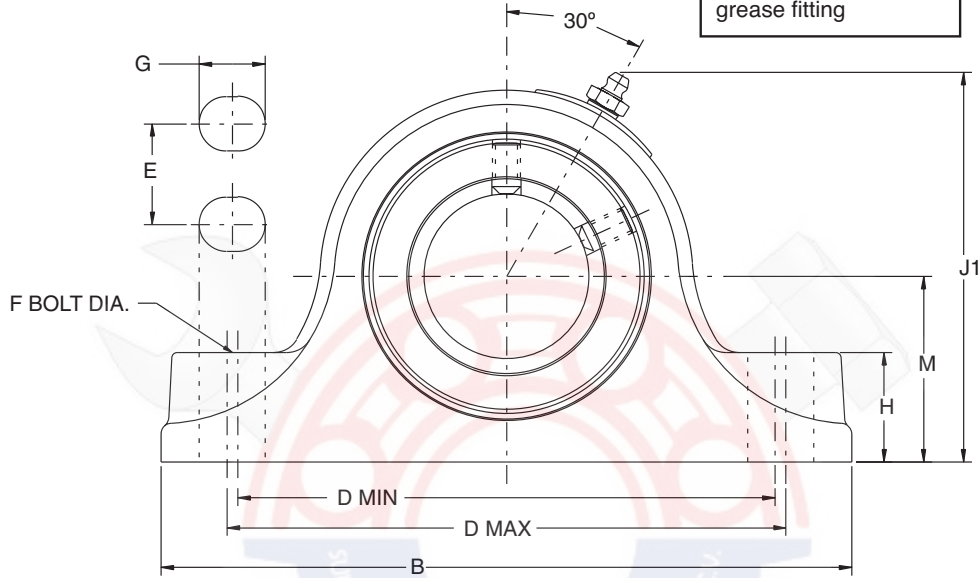
LOW SPEED MEDIUM SPEED HIGH SPEED	UP TO 20% OF MAX. RPM (TABLE 9) OVER 20% TO 80% OF MAX. RPM OVER 80% OF MAX. RPM
LIGHT LOAD NORMAL LOAD HEAVY LOAD	UP TO 30% OF $C_{90}$ (TABLE 9) OVER 30% TO 70% OF $C_{90}$ OVER 70% OF $C_{90}$
LOW TEMPERATURE MEDIUM TEMPERATURE HIGH TEMPERATURE VERY HIGH TEMPERATURE	-75°C TO - 10°C ABOVE - 10°C TO 100°C ABOVE 100°C TO 150°C ABOVE 150°C TO 205°C



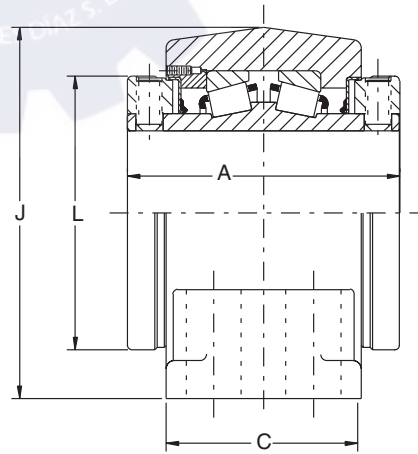
## SELECTION/DIMENSIONS

### Type E - Plummer Block - Metric 2 & 4 BOLT BASE

**NOTE:** All sizes use a 1/8 - 27 NPT hydraulic grease fitting



35mm THRU 75mm CONSTRUCTION



80mm THRU 125mm CONSTRUCTION

D-LOK

Type E Family

Specialty Tapered

S-2000

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## SELECTION/DIMENSIONS

### Type E - Plummer Block - Metric TYPE E PLUMMER BLOCKS, 2-BOLT

SHAFT SIZE (mm)	PART NUMBER	PART NAME	WEIGHT LBS. (APPROX.)
35mm	<b>023620</b>	P2B-E-035MR	7
40mm	<b>023621</b>	P2B-E-040MR	10
45mm	<b>023622</b>	P2B-E-045MR	12
50mm	<b>023623</b>	P2B-E-050MR	12
55mm	<b>023624</b>	P2B-E-055MR	15
60mm	<b>023625</b>	P2B-E-060MR	20
65mm	<b>023626</b>	P2B-E-065MR	20
70mm	<b>023627</b>	P2B-E-070MR	29
75mm	<b>023628</b>	P2B-E-075MR	27
80mm	<b>023629</b>	P2B-E-080MR	49
85mm	<b>023630</b>	P2B-E-085MR	47
90mm	<b>023631</b>	P2B-E-090MR	45

### TYPE E PLUMMER BLOCKS, 4-BOLT

SHAFT SIZE (mm)	PART NUMBER	PART NAME	WEIGHT LBS. (APPROX.)
100mm	<b>023632</b>	P4B-E-100MR	69
110mm	<b>023633</b>	P4B-E-110MR	85
115mm	<b>023634</b>	P4B-E-115MR	91
125mm	<b>023635</b>	P4B-E-125MR	136
135mm	<b>023636</b>	P4B-E-135MR	245
140mm	<b>023637</b>	P4B-E-140MR	240
150mm	<b>023638</b>	P4B-E-150MR	235
160mm	<b>023639</b>	P4B-E-160MR	355
170mm	<b>023640</b>	P4B-E-170MR	345
180mm	<b>023641</b>	P4B-E-180MR	345

### TYPE E PLUMMER BLOCKS, 2-BOLT BASE

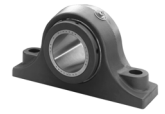
SHAFT SIZE (mm)	A	B	C	D		F Bolts	G	H	J1	L	M
				Min	Max						
35mm	76.2	187.0	54.0	142.8	149.2	M12	19	29	101.6	70	47.6
40mm	85.7	200.0	60.0	155.5	161.9	M12	19	32	113.5	81	54.0
45mm	88.9	225.0	64.0	174.6	181.0	M16	22	33	119	87	57.2
50mm											
55mm	95.3	244.0	67.0	193.7	200.0	M16	22	38	131.4	95	63.5
60mm	101.6	267.0	73.0	212.7	219.0	M16	22	41	142.8	103	69.9
65mm											
70mm	114.3	305.0	76.0	236.5	246.0	M20	27	48	161.1	120	79.4
75mm											
80mm	127.0	356.0	89.0	274.6	284.2	M20	30	57	190.5	139.7	95.3
85mm											
90mm											

### TYPE E PLUMMER BLOCKS, 4-BOLT BASE

SHAFT SIZE (mm)	A	B	C	D		E	F Bolts	G	H	J1	L	M
				Min.	Min							
100mm	158.8	387	114	311.2	323.9	57.2	M20	28	62	216	152.4	108.0
110mm	171.5	422	117	336.6	349.3	63.5	M20	28	70	238	164	120.7
115mm												
125mm	184.2	470	130	387.4	400.0	73.0	M24	32	76	276	189	139.7
135mm	228.6	559	159	441.3	485.8	95.3	M24	51	83	335	238	169.9
140mm												
150mm												
160mm	266.7	660	181	539.8	590.6	117.5	M24	51	94	379	289	190.5
170mm												
180mm												

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## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK - Metric

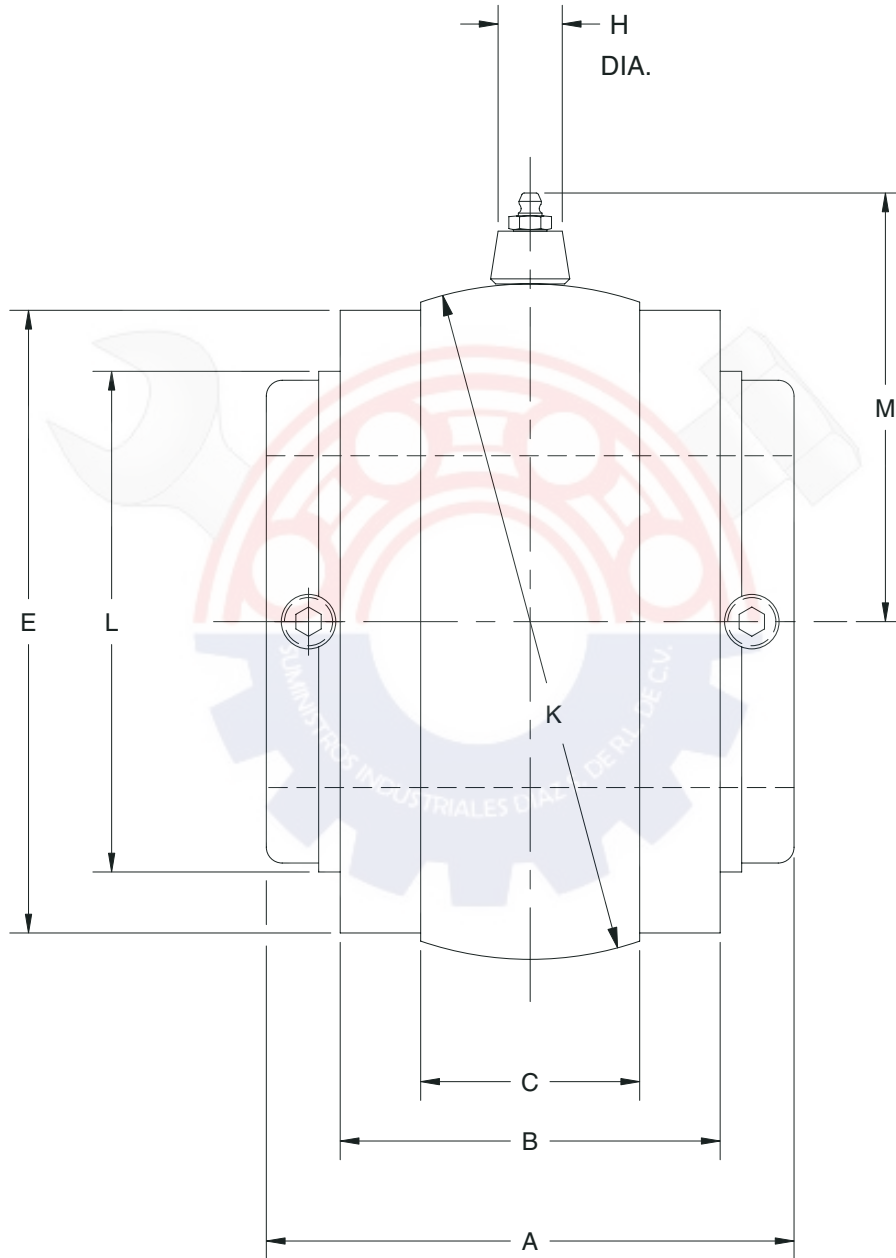
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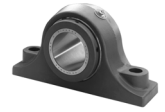
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## SELECTION/DIMENSIONS

### DOUBLE-INTERLOCK - Metric

METRIC DOUBLE INTERLOCK "S-1" UNITS - FRAY IRON			
SHAFT SIZE #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
35mm	<b>023700</b>	S1U-DI-035M	5
40mm	<b>023701</b>	S1U-DI-040M	6
45mm	<b>023702</b>	S1U-DI-045M	8
50mm	<b>023703</b>	S1U-DI-050M	8
55mm	<b>023704</b>	S1U-DI-055M	10
60mm	<b>023705</b>	S1U-DI-060M	11
65mm	<b>023706</b>	S1U-DI-065M	10
70mm	<b>023707</b>	S1U-D9-070M	17
75mm	<b>023708</b>	S1U-DI-075M	17
80mm	<b>023709</b>	S1U-DI-080M	33
85mm	<b>023710</b>	S1U-DI-085M	32
90mm	<b>023711</b>	S1U-DI-090M	31
100mm	<b>023712</b>	S1U-DI-100M	42
110mm	<b>023713</b>	S1U-D1-110M	55
115mm	<b>023714</b>	S1U-DI-115M	71
125mm	<b>023715</b>	S1U-DI-125M	85

For housing references see the following pages: Pillow Blocks (B6-22 - B6-27) Flange Bearings (B6-28 - B6-28)

SHAFT SIZE (mm)	A	B	C	E		H DIA	K	L	M
				MACH SIZE	CAST SIZE				
35mm	3.00	2.063	1.156	3.250	3-5/16	0.688	3.625*	2.750	2.640
40mm	3.375	2.313	1.188	3.750	3-13/16	.0688	4.125*	3.188	2.890
45mm	3.500	2.875	1.500	4.125	4-3/16	0.688	4.562*	3.438	3.100
50mm									
55mm	3.750	2.563	1.563	4.500	4-5/8	0.688	5.000*	3.750	3.320
60mm	4.000	2.750	1.438	4.812	4-7/8	0.688	5.186*	4.063	3.410
65mm									
70mm	4.500	3.000	1.875	5.563	5-5/8	0.688	6.061*	4.719	3.850
75mm									
80mm	5.000	3.500	2.00	6.813	6-7/8	0.688	7.373#	5.531	4.510
85mm									
90mm									
100mm	6.250	4.500	2.375	7.438	7-1/2	0.313	7.997#	6.125	5.160
110mm	6.750	4.625	2.375	8.313	8-3/8	0.313	8.872#	6.438	5.600
115mm									
125mm	7.250	5.125	2.875	9.563	9-5/8	0.313	10.184#	7.438	6.260

ALL DIMENSIONS ARE SHOWN IN INCHES

\* +.000 to -.001"

# +/- .0005"

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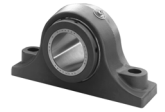
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## NOTES

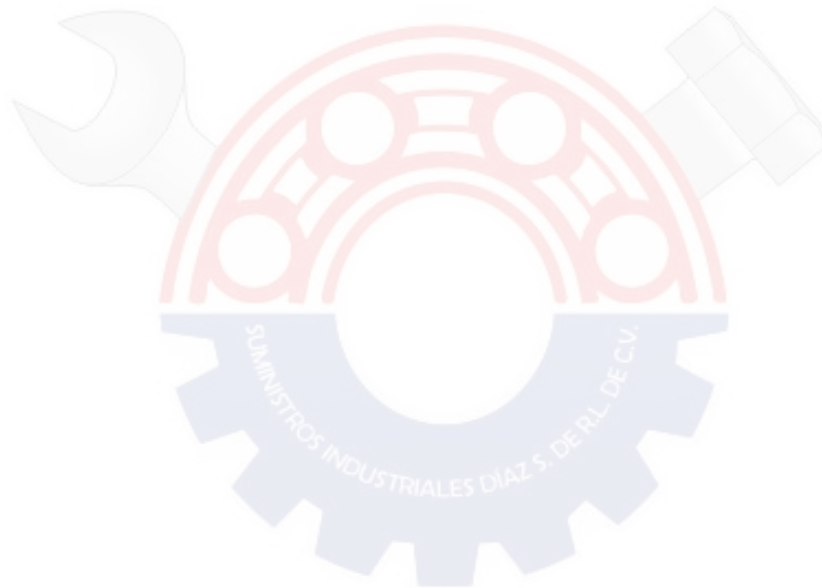
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