

Bearing Tolerances

New Departure employs bearing tolerances which are within the limits standardized in the ball bearing industry by the Anti-Friction Bearing Manufacturers Association through their Annular Bearing Engineers Committee (ABEC).

For general usage, bearings built to ABEC-1 standards are adequate. ABEC-3 and ABEC-5 grades are employed where smaller tolerances are required to give desired mounting and running characteristics. ABEC-7 and ABEC-9 grades are available for applications which require extreme accuracy such as certain machine tools and instruments.

The ABEC has established an allowance for bore and outside diameter to provide for out-of-roundness and taper conditions. These allowances apply only to ABEC-1 and ABEC-3 grade bearings and are expressed as d_{min} and d_{max} diameters. For a particular bearing,

$$d_m = \frac{d_{min} + d_{max}}{2}$$

where d_m is within the bore or O.D. tolerance range shown in the tabulation which follows.

In general, plain Single Row Radial and Angular Contact bearings are available in all the high (ABEC-5, -7 and -9) specification grades. For availability of a high specification on bearings having closures, snap rings, loading grooves, flanges or other specialties, consult your New Departure Sales Engineer. Inch Series bearings are available in the higher specification grades as Instrument bearings.

Due to the nearly universal use of inch gauge blocks by American industry, the standard 4-Place Decimal Inch Conversion Table (based upon 1" = 25.4 mm) is taken as the ruling nominal dimension. All tolerances are measured from this nominal 4-place decimal inch value and are given in decimal inches. The reference metric dimension may differ from the basic nominal inch dimension by as much as .00005".

TOLERANCES ON INNER RING

Bore Number	Bore Diameter (+.0000" to value below)					Max. Radial Runout (Inches)				
	A.B.E.C. Specification No.					A.B.E.C. Specification No.				
	1	3	5	7	9	1	3	5	7	9
0-3	-.0003	-.0002	-.0002	-.00015	-.00010	.0004	.0003	.0002	.00010	.00005
4-6	-.0004	-.0002	-.0002	-.00015	-.00010	.0005	.0003	.0002	.00015	.00010
7-10	-.0005	-.0003	-.0002	-.00020	-.00010	.0006	.0004	.0002	.00015	.00010
11-16	-.0006	-.0004	-.0003	-.00020	-.00015	.0008	.0004	.0002	.00015	.00010
17-24	-.0008	-.0005	-.0003	-.00025	-.00020	.0010	.0005	.0003	.00020	.00010
26-30	-.0010	-.0006	-.0004	-.00030	-.00025	.0012	.0006	.0003	.00030	.00010
32-36	-.0010	-.0006	-.0004	-.00030	-.00025	.0012	.0006	.0003	.00030	.00020
Bearing Number										
34-39	-.0003	-.0002	-.0002			.0003	.0002	.0002		
8006-09	-.0003					.0003				
8011-16	-.0003					.0004				
8026	-.0004					.0005				
R2-R4A	-.0003	-.0002	-.0002			.0003	.0002	.0002		
R2-R10	-.0003	-.0002	-.0002			.0004	.0003	.0002		
R12-R18	-.0004	-.0002	-.0002			.0005	.0003	.0002		
R20-R24	-.0005	-.0003	-.0002			.0006	.0004	.0002		

TOLERANCES ON OUTER RING

Bore Number	Outside Diameter (+.0000" to value below)					Max. Radial Runout (Inches)				
	A.B.E.C. Specification No.					A.B.E.C. Specification No.				
	1	3	5	7	9	1	3	5	7	9
0-1	0					.0006	.0004	.0002	.0002	.00010
2-5	1-4	0-3				.0008	.0004	.0002	.0002	.00010
6-10	5-8	4-7				.0010	.0005	.0003	.0002	.00015
11-15	9-13	8-11				.0014	.0007	.0004	.0002	.00020
16-20	14-17	12-14				.0016	.0008	.0004	.0003	.00020
21-24	18-20	15-17				.0018	.0009	.0005	.0003	.00020
26-32	21-28	18-22				.0020	.0010	.0005	.0004	.00025
Bearing Number										
34-39						.0006	.0004	.0002		
8006-09						.0006				
8011-16						.0008				
8026						.0010				
R2-R8						.0006	.0004	.0002		
R10-R14						.0008	.0004	.0002		
R16-R24						.0010	.0005	.0003		

WIDTH TOLERANCES

Single Inner and Outer Rings	+.000 to -.005
Rings 10 mm and smaller, ABEC-7 and -9	+.000 to -.001
Double Ring Width on Duplex Bearings (0-16 Bore)	+.000 to -.020
Double Ring Width on Duplex Bearings (17-36 Bore)	+.000 to -.030

UNITED MOTORS SERVICE
DIVISION OF GENERAL MOTORS CORPORATION
CENTRAL OFFICE—DETROIT

Recd. May 1967

Delco  New Departure

BALL BEARING INTERCHANGE GUIDE

DETROIT BALL BEARING CO. OF MICHIGAN
38100 VAN DYKE—STERLING TOWNSHIP—UTICA, MICH., 48087
Telephone: 264-6200

AUTHORIZED DISTRIBUTOR

While every care has been used in compiling these conversion tables it is impossible to guarantee completeness and accuracy of data.

BULLETIN 2 F-10
REVISION A

Supersedes 2 F-10 of Jan. 1, 1956

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How to Interpret New Departure Bearing Numbers

FOR EXAMPLE	BEARING NUMBER				
	TYPE		SERIES	BORE	
	5th Digit	4th Digit	3d Digit	2d Digit	1st Digit
Single Row— Loading Groove —Light Series—14 bore	-	1	2	1	4
Same, with 6 bore	-	1	2	0	6
Same, but Medium Series	-	1	3	0	6
Same, but Heavy Series	-	1	4	0	6
Single Row— Non-Loading Groove Extra Light Series	-	3	L	0	6
Same, but Light Series	-	3	2	0	6
Same, but Medium Series	-	3	3	0	6
Double Row —Light Series	-	5	2	0	6
Same, but Medium Series	-	5	3	0	6
Double Row — One Shield —Light Series	-	5	5	0	6
Same— Two Shields — Medium Series	5	5	6	0	6
Same— Two Seals —Light Series	Z99	5	2	0	6
Shielded —Light Series— Loading Groove	-	7	2	0	6
Same, with Two Shields —one on each side	7	7	2	0	6
Same, but Medium Series	7	7	3	0	6
Shielded —Light Series— Non-Loading Groove	-	7	5	0	6
Same, with Two Shields —one on each side	7	7	5	0	6
Same, but Medium Series	7	7	6	0	6
Sealed —Light Series—St'd. Single Row Width	-	Z9	5	0	6
Same, with Two Sentri Seals —one on each side	Z9	9	5	0	6
Sealed —Light Series— Two Seals — Double Row Width	Z9	9	8	0	6
ND Seal —Light Series— Non-Loading Groove	-	8	5	0	6
Same, with Two Seals —one on each side	8	8	5	0	6
Same, but Medium Series	8	8	6	0	6
Angular Contact — Extra Light Series —Light Series	-	0	L	0	6
Same, but Light Series	2	0	2	0	6
Same, but Medium Series	H2	0	3	0	6
Same, but Heavy Series	3	0	4	0	6
Snap Ring —Single Row—Light Series— Loading Groove	4	1	2	0	6
Snap Ring —Single Row—Light Series— Non-Loading Groove	4	3	2	0	6
Snap Ring —Single Row— Medium Series — Non-Loading Groove	4	3	3	0	6
Snap Ring —Single Row— Loading Groove — Shielded —Light	4	7	2	0	6
Snap Ring —Single Row— Non-Loading Groove —Light	4	7	5	0	6
Snap Ring —Single Row— Non-Loading Groove — Medium	4	7	6	0	6

The above table covers graphically the more common bearing types, illustrating the New Departure system for applying numerical designations to the various bearing characteristics.

Principle Types and Numbers of New Departure Ball Bearings

Bearing Type	Type and Series Number	Typical Brg. Section	Bearing Type	Type and Series Number	Typical Brg. Section
Single Row Radial Type 1000	1200 1300 1400		Single Row Radial Types 477030 and 477000	477034-477039 4773L00 477500 477600 477700	
Single Row Radial Type 7000	7200 7300 7400		Single Row Radial Types 9030 and Z9000	9034-9039 Z93L00 Z9500 Z9600	
Single Row Radial Type 77000	77200 77300 77400		Single Row Radial Types 99030 and Z99000	99034-99039 Z993L00 Z99500 Z99600	
Single Row Radial Type 41000 (Standard)	41200 41300 41400		Single Row Radial Types 97030 and Z97000	97030-97039 Z973L00 Z97500 Z97600	
Single Row Radial Type 47000 (Standard)	47200 47300 47400		Single Row Radial Types 49030 and Z49000 (Standard)	49034-49039 Z493L00 Z49500 Z49600	
Single Row Radial Type 477000	477200 477300 477400		Single Row Radial Types 499030 and Z499000	Z499034-499039 Z4993L00 Z499500 Z499600	
Single Row Radial Type 3000	34-39 3L00 3200 3300 3400		Single Row Radial Types 497030 and Z497000 (Standard)	Z497034-497039 Z4973L00 Z497500 Z497600	
Single Row Radial Inch Type	F2-F24 R2-R24 7F2-7F24 7R2-7R24 77F2-77F24 77R2-77R24		Single Row Angular Contact	0L00 H0L00 20200 H20200 20300 H20300 20400 H20400	
Single Row Radial Types 44000 474000, 4774000 (Standard)	44500 474500 4774500 44600 474600 4774600		Single Row Angular Contact Type 30000	30200 30300 30400	
Single Row Radial Types 7030 and 7000	7034-7039 73L00 7500 7600 7700		Double Row Type 5000	5L00 5200 5300	
Single Row Radial Types 77030 and 77000	77034-77039 773L00 77500 77600 77700		Double Row Type 5500	5500 5600	
Single Row Radial Types 40030 and 43000	40034-40039 43L00 43200 43300 43400		Double Row Type 55000	555L00 55500 55600	
Single Row Radial Types 47030 and 47000 (Standard)	47034-47039 473L00 47500 47600 47700		Double Row Type 45000	45L00 45200 45300	
			Double Row Type 45500 (Standard)	45500 45600	

NOTE: All bearings listed are not necessarily released.

Principle Types and Numbers of New Departure Ball Bearings—Continued

Bearing Type	Type and Series Number	Typical Brg. Section	Bearing Type	Type and Series Number	Typical Brg. Section
Double Row Non-Loading Groove Type 5000	5L00 5200 5300		Magneto Type ND	ND-5 to ND-25	
Double Row Type Z-995000	Z995L00-Z975L00 Z995000-Z975000 Z995200-Z975200 Z995300-Z975300		Front Wheel Type 900000	909001-909073 Inner ring 909500 Outer ring 909600 Sep. and ball assembly 909700	
Double Row Type 5000W	5200W 5300W		Clutch Throwout Type CT	CT-22 to CT-44	
N-D-Seal Type 8000	8006-8026 8034-8039 8500 8600		Rear Wheel Type D88000 and 88100	88107-D88609	
N-D-Seal Type 87000	87006-87026 87034-87039 87500 87600		Rear Wheel Bearing Types RW500 And 900000	RW500	
N-D-Seal Type 88000	88006-88026 88034-88039 88500 88600		Propeller Shaft Type XD88000 and X88100	X88107-XD88609	
N-D-Seal Type WC8000	WC8006-WC8026 WC8034-WC8039 WC8500 WC8600		Fan and Water Pump Shaft Type 885100, 885800 and 885900	885100-885169 885800A-885802-S 885900-885900A	
N-D-Seal Type WC87000	WC87006-WC87026 WC87034-WC87039 WC87500 WC87600		Adapter Type Z-99AE000	Z99AE008 Thru Z99AE207	
N-D-Seal Type WC88000	WC88006-WC88026 WC88034-WC88039 WC88500 WC88600		Conveyor	CB3 CB504A 4CB504A 88120 88120A	
N-D-Seal Type 48000 (Standard)	48006-48026 48034-48039 48500 48600		Pillow Block Type PAE	PAE 1/2 Thru PAE 2 1/16	
N-D-Seal Type 487000 (Standard)	487006-487026 487034-487039 487500 487600		Disc Harrow Type AS4500	AS4500	
N-D-Seal Type 488000	488006-488026 488034-488039 488500 488600		Idler Unit Assembly Type PF and PV	PF2-212, PF2-400 PF2-500, PF3-600 PF3-800, PV2-404	
N-D-Seal Type WC48000 (Standard)	WC48006-WC48026 WC48034-WC48039 WC48500 WC48600		Aircraft Pulley Type AP	AP 1 Thru AP 6	
N-D-Seal Type WC487000	WC487006-WC487026 WC487034-WC487039 WC487500 WC487600		Cam Follower Type CF	CF2-108 CF3-200	
N-D Seal Type WC488000 (Standard)	WC488006-WC488026 WC488034-WC488039 WC488500 WC488600		Cartridge Type	Z998L00 Z99800 Z99900	

NOTE: All bearings listed are not necessarily released.

EXPLANATORY

This booklet contains numerically arranged lists of competitive ball bearings together with the corresponding New Departure numbers; definitions of letters and letter combinations used by the various manufacturers to identify bearing characteristics; also information on specifications and tolerances.

It is not intended to be an availability list but serves only as a guide to the New Departure equivalents.

Although every care has been used in compiling the interchangeability guide, it is impossible to guarantee completeness and accuracy of the data.

AHLBERG	NEW DEP.	AHLBERG	NEW DEP.	AHLBERG	NEW DEP.	AHLBERG	NEW DEP.
1	909001	SP204	PAE2 1/4	708	909708	5215	5215, 5215-W
2	909002	SP207	PAE2 1/16	709	909709	5216	5216, 5216-W
3	909003	X346	77505C25	710	909710	5216-W	5106
4	909004	X347	87505B25	721	909721	5217	5217
7	909007	S-349	3405	722	909722	5218	5218, 5218-W
8	909008	S-350	3406	723	909723	5219	5219
9	909009	S-351	3214	724	909724	5220	5220
10	909010	501	909501	725	909725	5222	5222, 5222-W
SBG12	Z99AE012†	502	909502	726	909726	5304	5304
SP012	PAE 3/4	503	909503	727	909727	5305	5305
SBG14	Z99AE014†	504	909504	728	909728	5306	5306, 5306-W
SP014	PAE 1/2	507	909507	729	909729	5307	5307, 5307-W
SBG15	Z99AE015†	RW507D	RW507E	730	909730	5309	5309, 5309-W
SP015	PAE 1 1/16	RW507E	RW507E	735	909735	5310	5310, 5310-W
SBG16	Z99AE016†	508	909508	740	909740	H-5310-A	H-5310-A
SBG18	Z99AE102†	RW508D	RW508D	760	909760	5311	5311, 5311-W
SBG19	Z99AE103†	509	909509	762	909762	5311-CG	5124
SBG20	Z99AE104†	RW509A	RW509A	1100	1100	5312	5312, 5312-W
21	909021	510	909510	1101	1101	5313	5313, 5313-W
22	909022	511	909521	1102	1102	5314	5314
23	909023	522	909522	1103	1103	5315	5315
SBG23	Z99AE107†	523	909523	1104	1104	5316	5316
24	909024	524	909524	1105	1105	5317	5317
SBG24	Z99AE108†	525	909525	1106	1106	5318	5318
25	909025	526	909526	1205	1205	5320	5320-W
26	909026	527	909527	1305	1305	5507	5507, 5507-W
27	909027	528	909528	1306	1306	5510	5510, 5510-W
SBG27	Z99AE111†	529	909529	1307	1307	5511	5511, 5511-W
28	909028	530	909530	1308	1308	5513	5513, 5513-W
SBG28	Z99AE112†	532	909532	1309	1309	5516	5516, 5516-W
29	909029	535	909535	1310	1310	5518	5518, 5518-W
30	909030	540	909540	1311	1311	5606	5606, 5606-W
SBG31	Z99AE115†	541-741	909541	1311	1311	5607	5607, 5607-W
32	909032	542	909542	2307	2307	5608	5608
SBG32	Z99AE200†	545	909545	2309	2309	5611	5611, 5611-W
35	909035	546	909546	3104	3104	5611	5611
SBG35	Z99AE203†	552	909552	3112	3112-H	5856	5856
SBG36	Z99AE204†	560	909560	4100	4100	6111	6111
SBG39	Z99AE207†	562	909562	4101	4101	6112	6112
40	909040	601	909601	5100	5100	6120 spec.	6120 spec.
41	909041	602	909602	5101	5101	6122K	43L22
42	909042	603	909603	5102	5102	6124 spec.	3L20-A
XB-44	77111	604	909604	5103	5103	6124-K spec. A	4L24-A
45	909045	607	909607	5104	5104	6124-K spec. B	4L24-B
46	909046	608	909608	5106	5106	6128 spec.	3L28-A
52	909052	609	909609	5109	5109	6130 spec.	3L30-A
60	909060	610	909610	5110	5110	6200	3200
62	909062	621	909621	5113	5113	6200-G	7500
XA-92	3112-H	622	909622	5116	5116	6200-GG	77500
0100	0100	623	909623	5124	5124	6201	3201
SP100	PAE1	624	909624	5125	5125	6201-G	7501
0101	0101	625	909625	5126	5126	6201-GG	77501
SP102	PAE 1 1/8	626	909626	5204	5204	6202	3202
0103	0103	627	909627	5205	5205	6202-G	7502
SP103	PAE 1 1/16	628	909628	5206	5206	6202-K	4320K
SP104	PAE 1 1/4	629	909629	5206-W	E-206	6202-GG	77502
SP107	PAE 1 1/16	630	909630	5207	5207, 5207-W	6203	3203
SP108	PAE 1 1/2	635	909635	5207-W	E-207	6203-G	7503
X-109	3109-C	640	909640	5208	5208, 5208-W	6203-GG	77503
0110	0110	641	909641	5208-W	E-208	6204	3204
SP111	PAE 1 1/16	660	909660	5209	5209	6204-G	7504
SP112	PAE 1 3/4	662	909662	5210	5210	6204-GG	77504
0113	0113	701	909701	5211	5211, 5211-W	6205	3205
0114	0114	702	909702	5212	5212, 5212-W	6205-G	7505
SP115	PAE 1 1/16	703	909703	5213	5213, 5213-W	6205-GG	77505
SP200	PAE2	704	909704	5213-W	5103	6205-K	43205
SP203	PAE 2 1/16	707	909707	5214	5214	6205-KG	47505
SP207	PAE 2 1/16	707	909707	5214-W	5104	6205KGG	477505

NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment.

† Narrower inner ring.

6 NEW DEPARTURE BALL BEARINGS

AHLBERG	NEW DEP.	AHLBERG	NEW DEP.	AHLBERG	NEW DEP.	AHLBERG	NEW DEP.
6205KGO	47505V	M6212K	41212	6306-G	7606	6312-GG	77612
6206	3206	M6212KG	47212	6306-GG	77606	6312K	43312
M-6206	1206	M6212KGG	477212	6306-K	43306	6312KGG	47612
6206-G	7506	6213	3213	6306-KG	47606	6312KGG	477612
6206-GG	77506	6213-G	7513	6306KGG	477606	M-6312	1312
M6206G	7206	6213-GG	77513	6306-WIR	4606	6313	3313
M6206GG	77206	6213-K	43213	M-6306	1306	6313-G	7613
6206-K	43206	6213-KG	47513	M6306G	7306	6313-GG	77613
M6206K	43206	6213KGG	477513	M6306GG	77306	6313K	7613
6206-KG	47506	M-6213	1213	M6306K	41306	6313KG	47613
M6206KG	47206	M6213G	7213	M6306KGG	47306	6313KGG	477613
M6206KGG	477206	M6213GG	77213	M6306KGG	477306	M-6313	1313
6207	3207	M6213K	41213	6307	3307	M6313G	7313
6207-G	7507	M6213KG	47213	6307-G	7607	M6313GG	77313
6207-GG	77507	M6213KGG	477213	6307-GG	77607	M6313K	41313
6207-K	43207	6214	3214	6307-K	43307	M6313KG	47313
6207-KG	47507	6214-G	7514	6307-KG	47607	M6313KGG	477313
6207KGG	477507	6214-GG	77514	6307KGG	477607	6314	3314
6207K20	43207C	6214K	43214	6307-WIR	4607	6314-G	7614
M-6207	1207	6214KG	47514	M-6307	1307	6314-GG	77614
M6207G	7207	6214KGG	477514	M6307G	7307	M-6314	1314
M6207GG	77207	M-6214	1214	M6307GG	77307	M6314G	7314
M6207K	41207	M6214G	7214	M6307K	41307	M6314GG	77314
M6207KG	47207	M6214GG	77214	M6307KG	47307	6315	3315
M6207KGG	477207	6215	3215	M6307KGG	477307	6315-G	7615
6208	3208	6215-G	7515	6308	3308	6315-GG	77615
6208KGG	477508	6215-GG	77515	6308-G	7608	M-6315	1315
6208-G	7508	6215K	43215	6308-GG	77608	M6315G	7315
6208-GG	77508	6215KG	47215	6308-K	43308	M6315GG	77315
6208-K	43208	6215KGG	477215	6308K-1	43308C	6316	3316
6208-KG	47508	M-6215	1215	6308-KG	47608	M-6316	1316
M-6208	1208	6216	3216	6308KG	477608	M6316G	7316
M6208G	7208	6216-G	7516	6308KGO	47608V	6317	3317
M6208GG	77208	6216GG	77516	6308WIR	4608	6317-G	7617
M6208K	41208	6216K	43216	M-6308	1308	6317GG	77617
M6208KG	47208	6216KG	47516	M6308G	7308	6317K	43317
M6208KGG	477208	M-6216	1216	M6308GG	77308	6317KG	47617
6209	3209	6217	3217	M6308K	41308	M-6317	1317
6209-G	7509	6217-G	7517	M6308KG	47308	6318	3318
6209-GG	77509	6217GG	77517	M6308KGG	477308	M-6318	1318
6209-K	43209	6218	3218	6309	3309	6319	3319
6209KG	47509	6218-G	7518	6309-G	7609	M-6319	1319
6209KG-A45	47509A45	6218K	43218	6309-GG	77609	6320	3320
6209KGG	477509	6218KG	47518	6309-K	43309	M-6320	1320
M-6209	1209	6218GG	77518	6309-KG	47609	M-6321	1321
M6209G	7209	6218KGG	477518	6309KGG	477609	6322	3322
M6209GG	77209	M-6218	1218	6309KGO	47609V	M-6322	1322
M6209K	41209	6219	3219	6309-WIR	4609	6404	3404
M6209KG	47209	M-6219	1219	M-6309	1309	M-6404	1404
M6209KGG	477209	6219-G	7519	M6309G	7309	6405	3405
6210	3210	6220	3220	M6309GG	77309	M-6405	1405
6210-G	7510	M-6220	1220	M6309K	41309	6405-G	7705
6210-GG	77510	6220-G	7520	M6309KG	47309	6406	3406
6210-K	43210	M-6221	1221	M6309KGG	477309	M-6406	1406
6210-KG	47510	6222	3222	6310	3310	6407	3407
6210KGG	477510	M-6222	1222	6310-G	7610	M-6407	1407
M-6210	1210	6222-G	7522	6310-GG	77610	6408	3408
M6210G	7210	6303	3303	6310-K	43310	M-6408	1408
M6210GG	77210	6303-G	7603	6310-KG	47610	6408-G	7708
M6210K	41210	6303-GG	77603	6310KGG	477610	6409	3409
M6210KG	47210	6304	3304	6310KGO	47610V	6409-G	7709
M6210KGG	477210	6304-G	7604	6310WIR	4610	M-6409	1409
6211	3211	6304-GG	77604	M-6310	1310	M6409G	7409
6211-G	7511	6304-K	43304	M6310G	7310	6410	3410
6211-GG	77511	6304-KG	47604	M6310GG	77310	6410-G	7710
6211-K	43211	6304KGG	477604	M6310K	41310	6410GG	77710
6211-KG	47511	6304KGO	47604V	M6310KG	47310	6410K	43410
6211KGG	477511	M-6304	1304	M6310KGG	477310	M-6410	1410
M-6211	1211	6305	3305	6311	3311	6411	3411
M6211G	7211	6305-G	7605	6311-G	7611	M-6411	1411
M6211GG	77211	6305-GG	77605	6311-GG	77611	6412	3412
M6211K	41211	6305-K	43305	6311-K	43311	M-6412	1412
M6211KG	47211	6305K-30	43305C	6311-KG	47611	M6412G	7412
M6211KGG	477211	6305-KG	47605	6311KGG	477611	M6412K	41412
6212	3212	6305KGG	477605	6311WIR	4611	M-6413	1413
M-6212	1212	6305-WIR	4605	M-6311	1311	M-6414	1414
6212-G	7512	M-6305	1305	M6311G	7311	M-6415	1415
6212-GG	77512	M6305G	7305	M6311GG	77311	6416	3416
6212-K	43212	M6305GG	77305	M6311K	41311	M-6418	1418
6212-KG	47512	M6305K	41305	M6311KG	47311	7105	7105
6212KGG	477512	M6305KGG	477305	M6311KGG	477311	7109	7109
M6212G	7212	M6305KGG	477305	6312	3312	7200	H20200
M6212GG	77212	6306	3306	6312-G	7612	7200-D	H20200-DT



NEW DEPARTURE BALL BEARINGS 7

AHLBERG	NEW DEP.	AHLBERG	NEW DEP.	AHLBERG	NEW DEP.	AHLBERG	NEW DEP.
7201	H20201	7300-D	H20300-DT	7404	H20404	87507	87507
7201-D	H20201-DT	7301	H20301	7404-D	H20404-DT	87508	87508
7202	H20202	7301-D	H20301-DT	7404-PM	Q30404	87605	87605
7202-D	H20202-DT	7302	H20302	7404-PMD	Q30404-DT	88014	88014
7203	H20203	7302-D	H20302-DT	7405	H20405	88016	88016
7203-D	H20203-DT	7303	H20303	7405-D	H20405-DT	88026	88026
7203-PM	Q30203	7303-D	H20303-DT	7405-PM	Q30405	88107	88107
7203-PMD	Q30203-DT	7304	H20304	7405-PMD	Q30405-DT	88107A	88107C
7204	H20204	7304-D	H20304-DT	7406	H20406	88108	88108
7204-D	H20204-DT	7304-PM	Q30304	7406-D	H20406-DT	88127	88127
7204-PM	Q30204	7304-PMD	Q30304-DT	7406-PM	Q30406	88128	88128
7204-PMD	Q30204-DT	7305	H20305	7406-PMD	Q30406-DT	88502	88502
7205	H20205	7305-D	H20305-DT	7407	H20407	88503	88503
7205-D	H20205-DT	7305-PM	Q30305	7407-D	H20407-DT	88504	88504
7205-PM	Q30205	7305-PMD	Q30305-DT	7407-PM	Q30407	WC88504	WC88504
7205-PMD	Q30205-DT	7306	H20306	7407-PMD	Q30407-DT	88505	88505
7206	H20206	7306-D	H20306-DT	7408	H20408	WC88505	WC88505
7206-D	H20206-DT	7306-PM	Q30306	7408-D	H20408-DT	88506	88506
7206-PM	Q30206	7306-PMD	Q30306-DT	7408-PM	Q30408	88507	88507
7206-PMD	Q30206-DT	7307	H20307	7408-PMD	Q30408-DT	88508	88508
7207	H20207	7307-D	H20307-DT	7409	H20409	88509	88509
7207-D	H20207-DT	7307-PM	Q30307	7409-D	H20409-DT	88604	88604
7207-PM	Q30207	7307-PMD	Q30307-DT	7409-PM	Q30409	88605	88605
7207-PMD	Q30207-DT	7308	H20308	7409-PMD	Q30409-DT	97504	97504
7208	H20208	7308-D	H20308-DT	7410	H20410	97505	97505
7208-D	H20208-DT	7308-PM	Q30308	7410-D	H20410-DT	97506	97506
7208-PM	Q30208	7308-PMD	Q30308-DT	7410-PM	Q30410	99504	99504
7208-PMD	Q30208-DT	7309	H20309	7410-PMD	Q30410-DT	99505	99505
7209	H20209	7309-D	H20309-DT	7411	H20411	99506	99506
7209-D	H20209-DT	7309-PM	Q30309	7411-D	H20411-DT	487504	487504
7209-PM	Q30209	7309-PMD	Q30309-DT	7411-PM	Q30411	487504V	487504V
7209-PMD	Q30209-DT	7310	H20310	7411-PMD	Q30411-DT	497504	497504
7210	H20210	7310-D	H20310-DT	7412	H20412	497505	497505
7210-D	H20210-DT	7310-PM	Q30310	7412-D	H20412-DT	497506	497506
7210-PM	Q30210	7310-PMD	Q30310-DT	7412-PM	Q30412	499504	499504
7210-PMD	Q30210-DT	7311	H20311	7412-PMD	Q30412-DT	499505	499505
7211	H20211	7311-D	H20311-DT	7413	H20413	499506	499506
7211-D	H20211-DT	7311-PM	Q30311	7413-D	H20413-DT		
7211-PM	Q30211	7311-PMD	Q30311-DT	7413-PM	Q30413		
7211-PMD	Q30211-DT	7312	H20312	7413-PMD	Q30413-DT		
7212	H20212	7312-D	H20312-DT	7414	H20414		
7212-D	H20212-DT	7312-PM	Q30312	7414-D	H20414-DT		
7212-PM	Q30212	7312-PMD	Q30312-DT	7414-PM	Q30414		
7212-PMD	Q30212-DT	7313	H20313	7414-PMD	Q30414-DT		
7213	H20213	7313-D	H20313-DT	7415	H20415		
7213-D	H20213-DT	7313-PM	Q30313	7415-D	H20415-DT		
7213-PM	Q30213	7313-PMD	Q30313-DT	7415-PM	Q30415		
7213-PMD	Q30213-DT	7314	H20314	7415-PMD	Q30415-DT		
7214	H20214	7314-D	H20314-DT	7416	H20416		
7214-D	H20214-DT	7314-PM	Q30314	7416-D	H20416-DT		
7214-PM	Q30214	7314-PMD	Q30314-DT	7416-PM	Q30416		
7214-PMD	Q30214-DT	7315	H20315	7416-PMD	Q30416-DT		
7215	H20215	7315-D	H20315-DT	7417	H20417		
7215-D	H20215-DT	7315-PM	Q30315	7417-D	H20417-DT		
7215-PM	Q30215	7315-PMD	Q30315-DT	7418	H20418		
7215-PMD	Q30215-DT	7316					

Table with 8 columns: BARDEN, NEW DEP., BARDEN, NEW DEP., BARDEN, NEW DEP., BARDEN, NEW DEP. Lists various bearing models like R2AK, SR2AK, R2AS, etc.

†† Components non-interchangeable use assembly.

Table with 8 columns: BARDEN, NEW DEP., B. C. A., NEW DEP., B. C. A., NEW DEP., B. C. A., NEW DEP. Lists various bearing models like SR155K, SR155S, SR155SS, etc.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

10 NEW DEPARTURE BALL BEARINGS

B. C. A.	NEW DEP.	B. C. A.	NEW DEP.	B. C. A.	NEW DEP.	B. C. A.	NEW DEP.
206-S	7506	212-SL	47512	304-L	43304	310-SL	47610
206-SL	47506	212-SLV	47512-V	304-S	7604	310-SLV	47610-V
206-SLV	47506-V	212-SS	77512	304-SL	47604	310-SS	77610
206-SS	77506	212-SSL	477512	304-SLV	47604-V	310-SSL	477610
206-SSL	477506	212-W		304-SS	77604	310-W	4610
206-W		213	3213	304-SSL	477604	311	3311
RW206CCR	D88506F	213-1		305	3305	N-311-G	
207	3207	213-L	43213	305-C	Z9605	N-311-GG	
207-C	Z9507	213-S	7513	305-CC	Z99605	N-311-GS	
207-CC	Z99507	213-SL	47513	N-305-G		311-L	43311
RW-207-CC	RW-507-R	213SLV	47513V	N-305-GG		311-S	7611
RW-207-CCR	RW507RR	213-SS	77513	N-305-GS		311-SL	47611
207-G		213-SSL	477513	305-L	43305	311-SLV	47611-V
207-GG		214	3214	305-S	7605	311-SS	77611
207-GS		214-L	43214	305-SL	47605	311-SSL	477611
207-L	43207	214-S	7514	305-SLV	47605-V	311-W	4611
207-S	7507	214-SL	47514	305-SS	77605	312	3312
207-SL	47507	214SLV	47514V	305-SSL	477605	312-L	43312
207-SLV	47507-V	214-SS	77514	305-W	4605	312-S	7612
207-SS	77507	214-SSL	477514	306	3306	312-SL	47612
207-SSL	477507	215	3215	306-C	Z9606	312-SLV	47612-V
207-W		215-L	43215	306-CC	Z99606	312-SS	77612
208	3208	215-S	7515	N-306-G		312-SSL	477612
208-C	Z9508	215-SL	47515	N-306-GG		312-W	
208-CC	Z99508	215-SLV	47515-V	N-306-GS		313	3313
N-208-G		215-SS	77515	306-L	43306	313-L	43313
N-208-GG		215-SSL	477515	306-S	7606	313-S	7613
N-208-GS		215-SNR	215-SNR	306-SL	47606	313-SL	47613
208-L	43208	216	3216	306-SLV	47606-V	313-SLV	47613-V
208-S	7508	216-L	43216	306-SS	77606	313-SS	77613
208-SL	47508	216-S	7516	306-SSL	477606	313-SSL	477613
208-SLV	47508-V	216-SL	47516	306-W	4606	314	3314
208-SS	77508	216-SLV	47516-V	307	3307	314-L	43314
208-SSL	477508	216-SS	77516	307-C	Z9607	314-S	7614
208-W		216-SSL	477516	307-CC	Z99607	314-SL	47614
209	3209	217	3217	N-307-G		314-SLV	47614V
209-C	Z9509	217-L	43217	N-307-GG		314-SS	77614
209-CC	Z99509	217-S	7517	N-307-GS		314-SSL	477614
N-209-G		217-SL	47517	307-L	43307	315	3315
N-209-GG		217-SS	77517	307-S	7607	315-L	43315
N-209-GS		217-SSL	477517	307-SL	47607	315-S	7615
209-L	43209	218	3218	307-SLV	47607-V	315-SL	47615
209-S	7509	218-L	43218	307-SS	77607	315-SS	77615
209-SL	47509	218-S	7518	307-SSL	477607	315-SSL	477615
209-SLV	47509-V	218-SL	47518	307-W	4607	316	3316
209-SS	77509	218-SS	77518	RW-307	904278	316-L	43316
209-SSL	477509	218-SSL	477518	RW-307-E	904868	316-S	7616
209-SLA45	47509A45	219	3219	RW-307-ER	904868-R	316-SS	77616
209-W		219-S	7519	RW-307-R	904278-R	317	3317
210	3210	220	3220	308	3308	317-S	7617
210-C	Z9510	220-L	43220	308-C	Z9608	317-SS	77617
210-CC	Z99510	220-S	7520	308-CC	Z99608	318	3318
N-210-G		220-SL	47520	N-308-G		318-S	7618
N-210-GG		220-SS	77520	N-308-GG		318-SS	77618
N-210-GS		220-SSL	477520	N-308-GS		319	3319
210-L	43210	221		308-L	43308	320	3320
210-S	7510	221-L		308-L-1	43308C	321	
210-SL	47510	222	3222	308-S	7608	322	3322
210-SLV	47510-V	222-L	43222	308-SL	47608	OJK401	
210-SS	77510	222-S	7522	308-SLV	47608-V	2XE, 5XE401	
210-SSL	477510	222-SL	47522	308-SS	77608	3XA401A	
210-W		222-SS	77522	308-SSL	477608	405	3405
211	3211	222-SSL	477522	308-W	4608	406	3406
211-C	Z9511	300	3300	309	3309	408	3408
211-CC	Z99511	X, M300		309-C	Z9609	409	3409
N-211-G		300-S	7600	309-CC	Z99609	410	3410
N-211-GG		300-SS	77600	N-309-G		412	3412
N-211-GS		301	3301	N-309-GG		RW507D	RW507E
211-L	43211	301-S	7601	N-309-GS		RW-507-E	RW-507-E
211-S	7511	301-SS	77601	309-L	43309	RW-507-ER	RW-507-ER
211-SL	47511	302	3302	309-S	7609	RW-507-F	RW-507-F
211-SLV	47511-V	302-S	7602	309-SL	47609	RW-508-D	RW-508-D
211-SS	77511	302-SS	77602	309-SLV	47609-V	RW508DR	RW508DR
211-SSL	477511	303	3303	309-SS	77609	RW-509-A	RW-509-A
211-W		303-C	Z9603	309-SSL	477609	RW-509-AR	RW-509-AR
212	3212	303-S	7603	309-W	4609	RW607E	907100
212-C	Z9512	303-SS	77603	310	3310	RW607ER	907101
212-CC	Z99512	304	3304	310-C	Z9610	604	
N-212-G		304-C	Z9604	N-310-G		to	
N-212-GG		304-CC	Z99604	N-310-GG		632	
N-212-GS		304-G		N-310-GS		704	
212-L	43212	304-GG		310-L	43310	to	
212-S	7512	304-GS		310-S	7610	732	

NEW DEPARTURE BALL BEARINGS 11

B. C. A.	NEW DEP.	B. C. A.	NEW DEP.	B. C. A.	NEW DEP.	B. C. A.	NEW DEP.
916, 918-76-1		1213-SSL	477213	1308-SS	77308	1507	CT-24B
918-76-1	4L24A	1214	1214	1308-SSL	477308	01626	CT-26
1000		1214-L	41214	1308-W		1604	
to		1214-S	7214	1309	1309	to	
1028		1214-SL	47214	1309-L	41309	1632	
1100	1100	1214-SLV	47214V	1309-S	7309	1697-C	CT-22
1101	1101	1214-SS	77214	1309-SL	47309	C-1705-C	CT-24E
1105	1105	1214-SSL	477214	1309-SLV	47309-V	1704	
1106	1106	1215	1215	1309-SS	77309	to	
1203		1215-L	41215	1309-SSL	477309	1732	
1203-S		1215-S	7215	1309-W		1870, 1, 2, 3-A	
1203-SS		1215-SL	47215	1310	1310	01875	CT-30
1204		1215-SLV	47215V	1310-L	41310	01876	CT-30F
1204-S		1215-SS	77215	1310-S	7310	01876	CT-30FX
1204-SS		1215-SSL	477215	1310-SL	47310	02005	CT-32
1205	3205	1216	1216	1310-SLV	47310-V	2005-T	CT-32A
1205L	43205	1216-L	41216	1310-SS	77310	2000	
1205S	7505	1216-S	7216	1310-SSL	477310	to	
1205-SL	47505	1216-SL	47216	1310-W		2028	
1205-SS	77505	1216-SLV	47216V	1311	1311	02135	CT-34
1205-W		1216-SS	77216	1311-L	41311	02135	CT-34-36
1206	1206	1216-SSL	477216	1311-S	7311	CA-02135-C	CT-34B
1206-L	41206	1217	1217	1311-SL	47311	C-02135-C	900545
1206-S	7206	1217-L	41217	1311-SLV	47311-V	02252	CT-36
1206-SL	47206	1217-S	7217	1311-SS	77311	X2304	
1206-SLV	47206V	1217-SL	47217	1311-SSL	477311	02370	CT-38
1206-SS	77206	1217-SS	77217	1311-W		02500	CT-40
1206-SSL	477206	1218	1218	1312	1312	02755	CT-44
1206-W		1218-L	41218	1312-L	41312	3001-H	
1207	1207	1218-S	7218	1312-S	7312	3096-A	
1207-L	41207	1218-SL	47218	1312-SL	47312	3104	3104
1207-S	7207	1218-SS	77218	1312-SLV	47312-V	3211-62	3211-62-A
1207-SL	47207	1218-SSL	477218	1312-SS	77312	4192, 4, 5, 6-A	
1207-SLV	47207-V	1219	1219	1312-SSL	477312	4283-A	
1207-SS	77207	1219-S	7219	1312-W		4464	
1207-SSL	477207	1219-SS	77219	1313	1313	4467	
1207-W		1220	1220	1313-L	41313	4510A	
1208	1208	1220-L	41220	1313-S	7313	5100	5100
1208-L	41208	1220-S	7220	1313-SL	47313	5104	5104
1208-S	7208	1220-SL	47220	1313-SLV	47313-V	5113	5113
1208-SL	47208	1220-SS	77220	1313-SS	77313	5116	5116
1208-SLV	47208-V	1306-SS-2		1313-SSL	477313	5125	5125
1208-SS	77208	1221	1221	1314	1314	5126	5126
1208-SSL	477208	1222	1222	1314-L	41314	5203	5203
1208-W		1303		1314-S	7314	5204	5204
1209	1209	1303-S		1314-SL	47314	5205	5205, 5205-W
1209-L	41209	1303-SS		1314-SLV	47314V	5206	5206, 5206-W
1209-S	7209	1304	1304	1314-SS	77314	5206-L	5206-L
1209-SL	47209	1304-L	41304	1314-SSL	477314	5207-L	5207, 5207-W
1209-SLV	47209-V	1304-S	7304	1315	1315	5207-N	5207
1209-SS	77209	1304-SL	47304	1304-SL	47304	5207-S	5207-S
1209-SSL	477209	1304-SLV	47304-V	1304-SS	77304	5207-S-1	5207-S-1
1210	1210	1304-SS	77304	1304-SSL	477304	5207-SL	5207-SL
1210-L	41210	1305	1305	1305	1305	5207-SS	5207-SS
1210-R		1305-L	41305	1305-L	41305	5207-W	5207-W
1210-RS		1305-S	7305	1305-S	7305	5207-W	5207-W
1210-S	7210	1305-SL	47305	1305-SL	47305	5207-WS	5207-WS
1210-SL	47210	1305-SLV	47305-V	1305-SS	77305	5207WSL	5207WSL
1210-SLV	47210-V	1305-SS	77305	1305-SSL	477305	5207-W	5207-W
1210-SS	77210	1306	1306	1306	1306	5207-WSS	5207-WSS
1210-SSL	477210	1306-L	41306	1306-S	7306	5207-WSSL	5207-WSSL
1210-W		1306-S	7306	1306-SL	47306	5208	5208, 5208-W
1211	1211	1306-SL	47306	1306-SLV	47306-V	5208-L	5208-L
1211-L	41211	1306-SS	77306	1306-SSL	477306	5208-WS	5208-WS
1211-S	7211	1306-SS	77306	1306-W		5209	5209
1211-SL	47211	1306-SSL	477306	1307	1307	5210	5210, 5210-W
1211-SLV	47211-V	1405	1405	1307	1307	5210-S	5210-S
1211-SSL	477211	1406	1406	1307-L	41307	5211</	

Table with 8 columns: B. C. A., NEW DEP., B. C. A., NEW DEP., B. C. A., NEW DEP., B. C. A., NEW DEP. Lists various bearing models and specifications.

Table with 8 columns: B. C. A., NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP. Lists various bearing models and specifications, including sub-sections for BOSTON and DODGE.



NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

** A mid range internal gauge symbol has been indicated to separate precision symbol from base number.

FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.
RA008PPB	Z99AE008	L25	ND25	MF33K5-	NR3DZD7**	AM36K FS60000	SS36UZD7**
RA008PPA	Z99AE008C	L-25-H		MF33K5-		AM36KD-	SSRS7036U-
S-8	R-12	M-25		MF33K5-		FS60000	ZD7**
S-8-D	7-R-12	L-30		MF33KDD5-	RS7NR3DZD7**	AM36KDD-	SSRS7036U-
S-8-DD	77-R-12	M-30		MF33KDD5-	RS77NR3D-	FS60000	ZD7**
S-8-FT		MM30EX		33-3	ZD7**	M36K	36XR3**
S-8-FTD		33-3	R-2	M33-10	QR2B#7**	M36K FS60000	36UZD7**
S-8-FTDD		33-K-3	R-2	M33-12	QR3B#7**	M36KD	7036XR3**
S-8-K	R-12	33-KD-3	7-R-2	34	34	M36KD FS60000	RS7036UZD7**
S-8-KD	7-R-12	33-KDD-3	77-R-2	34-D	7034	M36KDD	77036XR3**
S-8-KDD	77-R-12	AM33K3	SSR2	34-DD	77034	M36KDD	
MS8K	R12XR3**	AM33K3 FS60000	SSR2ZD7**	34-K	7034	MM36WI-CR	RS77036UZD7**
MS8KD	7R12XR3**	AM33K3D3-		34-KD	77034	36-5	G36
MS8KDD	77R12XR3**	FS60000	SSRS7R2ZD7**	34-KDD	77034	MM36K	Q36ZD7A
9	ND9	AM33KDD3	SSRS77R2	34PP	Z99034	MM36-9	Q36B#7**
010-10731	ND 10-9	AM33KDD3-		M34K	34XR3**	M34K FS60000	37
10-A	PF3-800	FS60000	SSRS77R2ZD7**	M34K-	34DZD7**	37-D	7037
10-C		AMF33K3	SSNR2	M34KDD	RS7034DZD7**	37-DD	77037
10	ND10	AMF33KDD3	SSRS77NR2	M34KDD-		37-K	7037
K-10		M33K3 FS60000	R2ZD7**	M34KDD-		37-KD	7037
AV10K20	M1020ZD7**	M33K3	R2XR3**	M34KDD-		37-KDD	77037
AV10K20DD	77M1020ZD7**	M33KDD3	7R2XR3**	AM34K FS60000	RS77034DZD7**	37-KL	8037
AVF10K20	77M1020ZD7**	M33KDD3	77R2XR3**	AM34K-	SSRS7034D-	37KL	8102
AVF10K20DD	77NM1020ZD7**	M33KDD3-		FS60000	ZD7**	37-KLD	87037
RA010PPB	Z99AE010	MF33K3 FS60000	RS77R2ZD7**	AM34KDD-	SSRS77034D-	37-KLD-2	88037
RA010PPA	Z99AE010C	MF33K3D3-	NR2ZD7**	FS60000	ZD7**	37-KT	WC-8037
S-10	R-16	FS60000	RS7NR2ZD7**	MM34-9	Q34B#7**	37-KTD	WC-87037
S-10-FT		MF33KDD3-		MM34-10	Q34B5#7**	37-KVL	8007
S-10-K	R-16	FS60000	RS77NR2ZD7**	35	35	37-KVLD	87007
S10KDD	77R16	AMF33K3-		35-D	35UZD7**	37-KVLL-2	88007
S10P	Z9R16	FS60000	SSNR2ZD7**	35-DD	7035	37-KVT	WC-8007
SMN-010		AMF33K3D3-	SSRS7NR2-	35-K	77035	37-KVTD	8037
to		FS60000	ZD7**	35-KD	7035	37-L	9037
SMN-015		AMF33KDD-	SSRS77NR2-	35-KDD	77035	37-LD	797037
11	ND11	FS60000	ZD7**	35-KT	WC-8035	37-LL	799037
11	ND12-11	33-4	R-2-A	35-KTD	WC-87035	37P	WC-8037
S11K	R18	33-K-4	R-2-A	AM35K FS60000	SS35UZD7**	37PD	WC87037
AV12K20	ND12	33-KD-4	7-R-2-A	AM35K-	SSRS7035U-	37PP	
AV12K20DD	M1220ZD7**	33-KDD-4	77-R-2-A	FS60000	ZD7**	37T	
AVF12K20	77M1220ZD7**	AM33K4	SSR2A	AM35KDD-	SSRS77035U-	37TT	
AVF12K20DD	77NM1220ZD7**	AM33K4-		FS60000	ZD7**	37-VL	8007
AV12K24	M1224ZD7**	M35KD	SSR2AZD7**	M35KD-	7035XR3**	37-VLD	87007
AV12K24DD	77M1224D-	M35KDD-	SSRS7R2A-	FS60000	RS7035UZD7**	37-VLL	WC-8007
	ZD7**	FS60000	SSRS7R2A-	SSRS77R2A-		37-VTT	
AVF12K24	NM1224DZD7**	AM33KDD4	SSRS77R2A-	SSRS77R2A-		37VTD	WC87007
AVF12K24DD	77NM1224D-	FS60000	ZD7**	SSRS77R2A-		M37KDD	77037XR3**
	ZD7**	M33K4	R2AXR3**	SSRS77R2A-		AM37K FS60000	SS37UZD7**
M-12	Z99AE012	M33K4 FS60000	R2AZD7**	SSRS77R2A-		AM37K-	SSRS7037U-
RA012PPB	Z99AE012C	M33KDD4 FS60000	RS7R2AZD7**	SSRS77R2A-		FS60000	ZD7**
RA012PPA	R-20	M33KDD4-		SSRS77R2A-		FS60000	ZD7**
S-12	F20	FS60000	RS77R2AZD7**	SSRS77R2A-		M37K FS60000	37UZD7**
S12F.T.		33-5	R-3	SSRS77R2A-		M37K FS60000	RS7037UZD7**
S-12-FT		33-K-5	R-3	SSRS77R2A-		M37KDD-	
S-12-K	R-20	33-KD-5	7-R-3	SSRS77R2A-		FS60000	
13	ND13	33-KDD-5	77-R-3	SSRS77R2A-		MM37K	
14		AM33K5	SSR3D	SSRS77R2A-		38	38
14-A		AM33K5-		SSRS77R2A-		38-D	7038
14-I		FS60000	SSR3DZD7**	SSRS77R2A-		38-DD	77038
RA014PPB	Z99AE014	AM33K5-		SSRS77R2A-		38-K	38
RA014PPA	Z99AE014C	FS60000	SSRS7R3D-	SSRS77R2A-		38-KD	7038
15	15M	AM33KDD5-		SSRS77R2A-		38-KDD	77038
15	ND15	AM33KDD5-		SSRS77R2A-		38-KL	8038
RA015PPB	Z99AE015	AM33KDD5-		SSRS77R2A-		38-KLD	87038
RA015PPA	Z99AE015C	FS60000	SSRS77R2A-	SSRS77R2A-		38-KLL	
16	ND16	AMF33K5	SSNR3D	SSRS77R2A-		38-KLL-2	
AV16K24	M1624ZD7**	AMF33K5-		SSRS77R2A-		38-KT	88038
AV16K24DD	77M1624ZD7**	FS60000	SSNR3DZD7**	SSRS77R2A-		38-KT-2	WC-8038
AVF16K24	NM1624ZD7**	AMF33KDD5-		SSRS77R2A-		38-KT	
AVF16K24DD	77NM1624ZD7**	FS60000	SSRS7NR3D-	SSRS77R2A-		38-KTT	
17	ND17	AMF33KDD-		SSRS77R2A-		38-KV	
17E	ND17H	FS60000	SSRS7NR3D-	SSRS77R2A-		38-KVD	
19		M33K5	R3XR3**	SSRS77R2A-		38-KVDD	
19-HE		M33K5 FS60000	R3DZD7**	SSRS77R2A-		38-KVL	8008
L20	ND20	M33KDD5	7R3XR3**	SSRS77R2A-		38-KVLD	
M-20		M33KDD5-		SSRS77R2A-		38-KVLL	
MM20EX		FS60000	RS7R3DZD7**	SSRS77R2A-		38-KVLL-2	
K-21-B		M33KDD5-	77R3XR3**	SSRS77R2A-		38-KVTD	88008
to		FS60000		SSRS77R2A-		38-KVTT	WC-8008
K-37-B		M33KDD5-	RS77R3DZD7**	SSRS77R2A-		38-L	8038

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FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.
38-LD	87038	M103K	200-KTD	WC-87500	2MM201W1-CR	Q20201#7**	
38-LL		GN-103-KLLBF	200-KTDG	WC-487500	2MM201W1-	Q20201DTL7**	
38-LL-2	88038	to	200-KTG	WC-48500	CR-DU		
38P	Z9038	GN-211-KLLBF	200-KTT		W-201-PP		
38PP	Z99038	Z99AE103	200-KTTG		W-201-PPG		
38PP2	Z99038	RA103PPB	200-L	8500	202-D-2	7109	
38-T	WC-8038	RA103PPA	200-LD	87500	202-K	3202	
38-TD	WC-87038	RA103PPB2	200-LL-2	88500	202-K-2	3102	
38-TT		RA103PPA2	200-P	29500	202-KD	7502	
38-V		M104K	200PD	297500	202-KDD	77502	
38-VLD	87008	RA104PPB	200PP	299500	202-KODG	477502	
38-VL	8008	RA104PPA	200PPG	299500	202-KDG	47502	
38-VLL		RA105PPB	W-200-PP	2499500	202-KG	43202	
38-VTT	WC-8008	RM105K	W-200-PPG		202-KL	8502	
38-VTD		RA106PPB	200-S		202-KL-3	8016	
AM38K FS60000	WC-87008	RA106PPA	200-T		202-KL-4	8014	
AM38DK-	SS38UZD7**	M107GE	230-S		202-KLD	87502	
AM38KDD-	SSRS7038U-	M107GE2	200-TD		202-KLD-3	87016	
FS60000	ZD7**	RA107PPB	200-TT		202-KLD-4	87014	
AM38KDD-	SSRS77038U-	RM107K	to		202-KLDG-3	487502	
FS60000	ZD7**	RA108PPB	207-TT		202-KLDG-4	487016	
M38K	38XR3**	RA108PPA	200-W1		202-KLG-	48502	
M38K FS60000	38UZD7**	RM108K	to		202-KLG-3	48016	
M38KD	7038XR3**	RA109PPB	222-W1		202-KLG-4	48014	
M38KD FS60000	RS7038UZD7**	RA109PPA	M200KCR		202-KL-2	88502	
M38KDD	77038XR3**	RM109K	M200KSR		202-KL-3	88016	
M38KDD-	RS77038-UZD7**	0110	2M200WICR		202-KL-4	88014	
FS60000		M111GE	MM200KSR		202-KLLG		
MM38K		RA112PPB	MM200W1-3BR		202-KLLG-2	488502	
2MM38WI-CR		RA112PPA	2MM200WI-CR		202-KLLG-3	488016	
39	39	0113	2MM200WI-		202-KLLG-4	488014	
39-D	7039	0114	CR-DU		202-KT	WC-8502	
39-DD	77039	MM115EX	201-AC, C		202-KT-3	WC-8016	
39-K	39	RA115PPB	201-D-8		202-KTD	WC-87502	
39-KD	7039	RA115PPA	201-D-11		202-KTD-3	WC-87016	
39-KDD	77039	119-2	201-K		202-KTDG-3	WC-487502	
39-KL-2	8039	120-2	201-KD		202-KTDG-3	WC-487016	
39-KT-2	87039	120-D-2	201-KDD		202-KTG	WC-48502	
39-KT-2		120-W-2	201-KDD3		202-KTG-3	WC-48016	
39-KVL-2		M120-2	201-KDDG		202-KTT		
39-KVLD-2		M120W3MBR	201-KDG		202-KTT-4		
39-KVLL-2	88009	122	201-KG		202-KTTG		
39-KVT	WC8009	164	201-KL		202-L	8502	
39-KVTD	WC87009	122-W1	201-KL-2		202-L-3	8016	
39-NP	Z9039	to	201-KLD		202-LD	87502	
39NPD	Z97039	138-W	201-KLD-2		202-LD	87016	
39-NPP	Z97039	122-WD	201-KLDG		202-LD-3	88502	
39-TT	FL40	to	201-KLG-2		202-LL-2	88016	
40MS	FL47	136-WD	201-KLG		202-LL-3	7109	
MM50EX		122-W1	201-KLL		202-OD2	2499502	
52-A		to	201-KLL-2		202NPPG	29502	
52MS	FL52	128-W1	201-KLL-3		202PP	299502	
54-A		128-D	201-KLLG		202PP9	CF2-108	
MM55EX		132-D	201-KLLG-2		202-T	WC-8502	
56-A		MM135EX	201-KLLG-3		202-T-3	WC-8016	
MM57EX		136-2	201-KT		202-TD	WC-87502	
62MS	FL62	136-D-2	201-KT-2		Q3202XR3**		
MM67EX		146-2	201-KTD		3202XR3**		
72MS	FL72	MM155EX	201-KTD-2		Q2020		
80MS	FL80	MM165EX</					

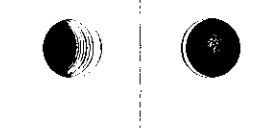
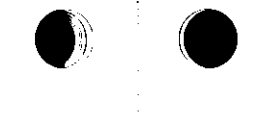
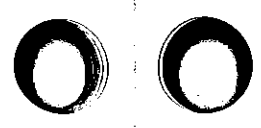
Table with 8 columns: FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP. Contains detailed specifications for various ball bearing models.

** A mid range internal gauge symbol has been indicated to separate precision symbol from base number.
NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP. Contains detailed specifications for various ball bearing models.

** A mid range internal gauge symbol has been indicated to separate precision symbol from base number.
NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.
305-KD	7605	308-KDDG	477608	2MM311WI-CR	Q20311#7**	316WD	7316
305-KDD	77605	308-KDG	47608	2MM311WI-CR-DU	Q20311DTL7**	316WDD	77316
305-KDDG	477605	308-KG	43308			316-WG	41316
305-KDG	47605	308KG2	43308C	WIR311K		4611	
305-KG	43305	308-MX		312-K	3312	317-K	3317
305KG2	43305C	308NP	Z9608	312-KD	7612	317-KD	7617
305NP	Z9605	308NPP	Z9608	312-KDD	77612	317-KDD	77617
305NPP	Z9605	308-W	1308	312-KDDG	477612	317-KDDG	477617
305-W	1305	303-WD	7308	312-KDG	47612	317-KDG	47617
305-WD	7305	308-WDD	77308	312-KG	43312	317-KG	43317
305-WDD	77305	308-WDDG	477308	312-W	1312	317-W	1317
305-WDDG	477305	308-WDG	47308	312-WD	7312	317-WD	7317
305-WDG	47305	308-WG	41308	312-WDD	77312	317-WDD	77317
305-WG	41305	L-308	2608	312-WDDG	477312	317-WDDG	477317
AR-305-KG-2	43305	M308KCR	Q3308X3**	312-WDG	47312	317-WDG	47317
L-305	2605	M308KMBR		312-WG	41312	317-WG	41317
M305KCR	Q3305X3**	M308KSR	3308X3**	L-312		318-K	3318
M305KSR	3305X3**	MM308K-CR	Q3308X7**	M312KCR	Q3312X3**	318-W	1318
MM305K-CR	Q3305X7**	MM308K-SR	3308X7**	M312KMBR		319K	3319
MM305K-2CR		2MM308WI-CR	Q20308#7**	MM312K-CR	Q3312X7**	319-W	1319
MM305K-SR	3305X7**	2MM308WI-CR-DU	Q20308DTL7**	2MM312WI-CR	Q20312#7**	319-WG	41319
2MM305WI-CR	Q20305#7**			2MM312WI-CR-DU		320K	3320
2MM305WI-CR-DU	Q20305DTL7**	WIR308K	4608	CR-DU		320-W	1320
W-305-PP		309-K	3309	WIR312K	Q20312DTL7**	320-W-2	3320
to		309-KD	7609	313-K		320WD	7320
W-315-PP		309-KDD	77609	313-KD		321K	3321
W-305-PPG		309-KDDG	477609	313-KDD		321-W	1321
to		309-KDG	47609	313-KDDG		322K	3322
W-315-PPG		309-KG	43309	313-KDG		322-W	1322
WIR305K	4605	309-KZ2		313-KG	43313	324K	3324
306-K	3306	309-W	1309	313-W	1313	324	
306-KD	7606	309-WD	7309	313WD	7313	to	
306-KDD	77606	309-WDD	77309	313-WDD	77313	356	
306-KDDG	477606	309-WDDG	477309	313-WDDG	477313	324-W	
306-KDG	47606	309-WDG	47309	313-WDG	47313	324-WI	
306-KG	43306	309-WG	41309	313-WG	41313	to	
306NP	Z9606	L-309	2609	L-313		356-WI	
306NPP	Z9606	M309KCR	Q3309X3**	M313KMBR		326-W	
306-W	1306	M309KMBR	3309X3**	MM313K-CR	Q3313X7**	328-W	
306-WD	7306	MM309K-CR	Q3309X7**	2MM313WI-CR	Q20313#7**	330-W	
306-WDD	77306	2MM309WI-CR	Q20309#7**	2MM313WI-CR-DU		SMN-400	
306-WDDG	477306	CR-DU		WIR313K	Q20313DTL7**	to	
306-WDG	47306	314-K	4613	314-K		SMN-415	
306-WG	41306	314-KD	7614	314-KD		403-W	1404
L-306	2606	314-KDD	77614	314-KDD		404A	3404
M306KCR	Q3306X3**	314-KDDG	477614	314-KDDG		404K	1404
M306KSR	3306X3**	314-KDG	47614	314-KDG		404W	3405
MM306K-CR	3306X7**	314-KG	43314	314-KG		405H	3405
MM306K-SR	Q20306#7**	314-KDD	477610	314-KG		405-K	3405
2MM306WI-CR		314-KDG	47610	314-KG		405-W	1405
2MM306WI-CR-DU	Q20306DTL7**	314-W	1314	314-W		AR-405-K-2	3405
S-306-K		314-WD	7314	314-WD		M405HWW-CR	
WIR306K	4606	314-WDD	477314	314-WDD		M-405-WW	
307-G-4		314-WDDG	47310	314-WDDG		to	
307-K	3307	314-WDG	47310	314-WDG		M-410-WW	3406
307-KD	7607	314-WG	41310	314-WG		406H	3406
307-KDD	77607	L-310	2610	L-314		406-K	3406
307-KDDG	477607	M310KCR	Q3310X3**	M314KCR	Q3314X3**	406-W	1406
307-KDG	47607	M310KMBR		M314KMBR		AR-406-K-2	3406
307-KG	43307	MM310K-CR	Q3310X7**	2MM314WI-CR	Q20314#7**	407-E	
307NP	Z9607	2MM310WI-CR	Q20310#7**	2MM314WI-CR-DU		407-K	3407
307NPP	Z9607	CR-DU		WIR314K	Q20314DTL7**	407-W	1407
307-W	1307	CR-DU		315H		M407HWW-CR	
307-WD	7307	WIR310K	Q20310DTL7**	315-K		408-BT	
307-WDD	77307	311-K	4610	315-KD		408-DD-2	
307-WDDG	477307	311-KD	3311	315-KDD		408H	3408
307-WDG	47307	311-KD	7611	315-KDDG		408-K	3408
307-WG	41307	311-KDDG	477611	315-KDG		408-W	1408
AR-307-K-2	3307	311-KDG	47611	315-KG		408WDD	77408
L-307	2607	311-KG	43311	315-KG		409-K	3409
M307KCR	Q3307X3**	311-W	1311	315-KD		409-KD	7709
M307KSR	3307X3**	311-WD	7311	315-KDD		409-W	1409
MM307K-CR	Q3307X7**	311-WDD	477311	315-KDDG		409-WD	7409
MM307K-SR	3307X7**	311-WDG	47311	315-KDG		410H	3410
2MM307WI-CR	Q20307#7**	311-WDDG	47311	315-KG		410HD	7710
2MM307WI-CR-DU	Q20307DTL7**	311-WG	41311	315-W		410K	3410
WIR307K	4607	L-311	2611	315-WD		410-KD	7710
308-K	3308	M311KCR	Q3311X3**	WIR315K		410-W	1410
308-KD	7608	M311KMBR		316-K		410WG	41410
308-KDD	77608	M311KSR	3311X3**	316KD		411AD	7711
		MM311K-CR	Q3311X7**	316KDD		411ADD	77711
				316-KG		411-K	3411
				316-W		411-W	1411



FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.	FAFNIR	NEW DEP.
L-411		SM-1008-W		G1103KLLB,		SM-1200	
to		to		KRRB	TE103 †	to	
L-418		SM-1315-W		G1103KLL3,		SM-1215	
412H	3412	G1009KLL,KRR	Z99AE009C†	KRR3	Z99AE104BC†	G1200KLL,KRR	Z99AE200C†
412-K	3412	G1009KLLB,		G1103KLL3,	TE104BC†	G1200KLLB,	Z99AE200†
412-KD		KRRB	Z99AE009†	KRR3		KRRB	Z99AE201†
412-W	1412	G1010KLL,KRR	Z99AE010C†	G1103KLL3,	WE104BC	G1201KLLB,	Z99AE201†
412-WD		G1010KLLB,		KRRB		KRRB	Z99AE202†
412WG	41412	KRRB	Z99AE010†	G1103KLLB3,	Z99AE104B†	G1202KLLB,	Z99AE202†
413AD	7413	G1011KLL,KRR	Z99AE011C†	KRRB3		KRRB	Z99AE203†
413AD		G1011KLL,		G1103KLLB3,	TE104B†	G1203KLLB,	
413-DD-2		KRRB	Z99AE011†	KRRB3		KRRB	
413-K		G1012KLL,KRR	Z99AE012C†	G1103KLLB3,	WE104B	L-1203	
413-KD		G1012KLL,	TE012C†	KRRB3	Z99AE104C†	L-1203	
413-W	1413	G1012KLLB,		G1104KLL,KRR	Z99AE104C†	G1204KLLB,	
413-WD	7413	KRRB	Z99AE012†	G1104KLLB,	TE104C†	KRRB	
414AD	7714	G1012KLLB,		KRRB	Z99AE104†	G1205KLLB,	Z99AE204†
414-K		KRRB	TE012†	G1104KLLB,		KRRB	Z99AE205†
414-KD		G1013KLLB,	Z99AE013†	KRRB	TE104†	G1206KLLB,	Z99AE206†
414-W	1414	KRRB		G1013KLLB,	TE104†	KRRB	Z99AE206†
414-WD		WIR-414		KRRB	1105	G1207KLLB,	Z99AE207†
415A	1415	L-1013	TE013†	L-1013	Z99AE105†	KRRB	
415A	3415	to		to		G1105KLLB,	SM-1300
415-W	1415	L-1015		KRRB	TE105†	KRRB	to
415-WD		L-1013-4		1106-2		KRRB	SM-1508
416-W		G1014KLL,KRR	Z99AE014C†	1106-C	1106	1502	1502
416-WD		G1014KLL,KRR	TE014C†	G1106KLL,KRR	Z99AE106C†	1524	1524
416A	3416	G1014KLLB,		G1106KLL,KRR	TE106C†	1503-A	1503-A
417A	3417	KRRB	Z99AE014†	G1106KLLB,		1504-A	1504-A
417-W		G1014KLLB,		KRRB	Z99AE106†	N-1803	
417-WD		KRRB	TE014†	G1107KLL,KRR		N-1828	
418A	3418	L1014-4		G1107KLL,KRR	TE106†	2070-D	
418-W	1418	G1015KLLB,	Z99AE015†	KRRB	Z99AE107C†	3104	
418-WD		KRRB		G1107KLL,KRR	TE107C†	3105	
418-WD		WIR-418		G1107KLLB,	WE107C	to	
419A	3419	WIR-418-W	TE015†	KRRB	Z99AE107†	3130	
419-W		L1015-4		G1107KLLB,		3107-D	
420-W		1100		KRRB	TE107†	3211-62	
RW507E	RW507E	1115		G1107KLLB,	WE107	4300	
RW507ER	RW507ER	1100-G		KRRB	Z99AE108C†	to	
RW508D	RW508D	to		G1108KLL,KRR	TE108C†	4348	
RW508DR	RW508DR	1115-G		G1108KLL,KRR		5109-X	
RW509A	RW509A	G1100KLL,KRR	TE100C†	KRRB	Z99AE108†	5112-R	
RW509AR	RW509AR	G1100KLL,KRR	WE100C	G1108KLLB,		5112-US	
SMN-500	SMN-500	G1100KLL,	Z99AE100C†	KRRB		5117-W	
to		KRRB		G1109KLL,KRR	TE108†	5117-WE	
SMN-515		G1100KLLB,	TE100†	KRRB	Z99AE109C†	5118	
A-538		KRRB		G1109KLLB,KRRB	Z99AE109†	5119	
to		G1100KLLB,	WE100	KRRB		5200-N	
A-545		KRRB	Z99AE100†	G1110KLL,KRR	TE109†	5201-D	
SMN-600		KRRB		G1110KLLB,	Z99AE110C†	5201-N	
to		L-1100		KRRB		5202-N	
SMN-615		to		G1111KLL,KRR	Z99AE110†	5116	5116
N-802		L-1115		G1111KLLB,	Z99AE111C†	5125	5125
to		L-1100-4		KRRB		5126	5126
N-828		to		G1112KLL,KRR	Z99AE111†	5200	5200
N-902		L-1115-4		KRRB	Z99AE112C†	5200	5200
to		S-1100		G1112KLLB,		5200-K	5200-K
N-928		to		KRRB	Z99AE112†	5200KDD-2	55500
1008		to		G1113KLLB,		5201-K	5201
to		S-1114		KRRB	Z99AE113†	5201-KD	5501
1015		SM-1100		G1114KLLB,		5202-K	5202
1008-G		to		KRRB	Z99AE114†	M5202K	5202X3**
to		SM-1115		G1114KLLB,		5203-D	5503
1015-G		1101-C		KRRB	Z99AE115C†	5203-K	5203
1008-KL		G1101KLL,KRR	1101	G1115KLLB,		5203-N	
to		G1101KLLB,	Z99AE101C†	KRRB	Z99AE115†	5204D	5504
1207-KL		KRRB		G1101KLLB,	3210B	5204-K	5204
1008-KLL		G1101KLLB,	Z99AE101†	KRRB		5204-N	5504
to		KRRB		RM1115K		5204-KD	
1203-KLL		G1102KLL,KRR	TE101†	1117-F		5204-N	
to		G1102KLL,KRR	Z99AE102C†	1120-F		5205D	
G1008KLL,KRR	Z99AE008C†	K					

Table with 8 columns: FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP. Lists various bearing models and their corresponding part numbers.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.



Table with 8 columns: FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP. Lists various bearing models and their corresponding part numbers.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP., FAFNIR, NEW DEP. Lists various bearing models and their specifications.

** A mid range internal gauge symbol has been indicated to separate precision symbol from base number.

Table with 8 columns: FAFNIR, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP. Lists various bearing models and their specifications, including federal designations.

Table with 8 columns: FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP. Lists various bearing models and their corresponding part numbers.

Table with 8 columns: FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP. Lists various bearing models and their corresponding part numbers.

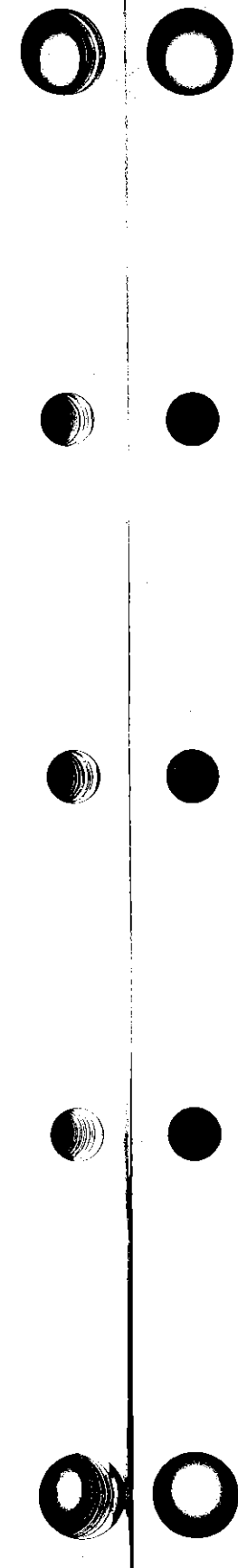


Table with columns: FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP. Lists various bearing models and their specifications.

NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment.

† Narrower inner ring.

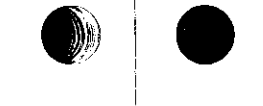


Table with columns: FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP., FEDERAL, NEW DEP. Lists various bearing models and their specifications.

NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

FEDERAL	NEW DEP.	HOOVER	NEW DEP.	HOOVER	NEW DEP.	HOOVER	NEW DEP.
FS-87007	87007	93L06	Z93L06	SAG-39	Z99AE207C†	217	3217
FS-87008	87008	773L06	773L06	SBG-39	Z99AE207†	217-G	43217
FS-87009	87009	993L06	Z993L06	0100	0100	218	3218
FS-87011	87011	3L07	3L07	SP-100	PAE 1	218-G	43218
FS-87013	87013	73L07	73L07	0101	0101	219	3219
FS-87014	87014	93L07	Z93L07	SP-102	PAE 1½	219-G	43219
FS-87016	87016	773L07	773L07	0103	0103	220	3220
FS-87026	87026	993L07	Z993L07	SP-103	PAE 1¾	220-G	43220
FS-87500	87500	E-8	ND-8	SP-104	PAE 1¼	220-XA	
FS-87501	87501	E-8-6	ND-8-6	107-A		220-XA7	
FS-87502	87502	E-8-7	ND-8-7	SP-107	PAE 1¼	221	3221
FS-87503	87503	3L08	3L08	SP-108	PAE 1½	222	3222
FS-87504	87504	73L08	73L08	0110	0110	222-G	43222
FS-87505	87505	93L08	Z93L08	SP-111	PAE 1½	300	3300
FS-87506	87506	773L08	773L08	SP-112	PAE 1¾	300-G	43300
FS-87507	87507	993L08	Z993L08	SP-115	PAE 1½	301	3301
FS-87508	87508	R-8	87503	128-B		302	3302
88006		E-9	ND-10-9	200	3200	302-G	43302
to		E-10	ND-10	200-G	43200	303	3303
88099		R10	R10	SP-200	PAE 2	303-G	43303
FS-88006	88006	E-11	ND-12-11	201	3201	0304	H20304
FS-88007	88007	3L11	3L11	201-G	43201	304	3304
FS-88008	88008	3L11-G	43L11	202	3202	304-G	43304
FS-88009	88009	73L11	73L11	202-G	43202	0305	H20305
FS-88011	88011	93L11	Z93L11	203	3203	305	3305
FS-88013	88013	773L11	773L11	203-CR		305-G	43305
FS-88014	88014	773L11-G	4773L11	203-G	43203	M-305	1305
FS-88016	88016	973L11	Z973L11	SP-203	PAE 2¾	M-305-G	41305
FS-88026	88026	993L11	Z993L11	204	3204	W-305	4605
FS-88107	88107	993L11-G	Z4993L11	204-CR	0306	H20306	
FS-88107F	88107C	E-12	ND-12	204-G	43204	306	3306
FS-88107FR	88107CR	3L12	3L12	SP-204	PAE 2¼	306-G	43306
FS-88108	88108	73L12	73L12	205	3205	M-306	1306
FS-88109		93L12	Z93L12	205-1		M-306-G	41306
FS-88110		773L12	773L12	205-G	43205	W-306	4606
FS-88127	88127	993L12	Z993L12	0206	20206	0307	H20307
FS-88128	88128	SAG-12	Z99AE012C†	206	3206	307	3307
FS-88128R	88128R	SBG-12	Z99AE012†	206-G	43206	307-G	43307
FS-88136	88136	SP-012	PAE ¾	M-206	1206	M-307	1307
FS-88500	88500	E-13	ND-13	M-206-G	41206	M-307-G	41307
FS-88501	88501	SAG-14	Z99AE014C†	0207	20207	W-307	4607
FS-88502	88502	SBG-14	Z99AE014†	207	3207	0308	H20308
FS-88503	88503	SP-014	PAE ¾	207-G	43207	308	3308
FS-88504	88504	E-15	ND-15	M-207	1207	M-308	43308
FS-88505	88505	SAG-15	Z99AE015C†	M-207-G	41207	M-308	1308
FS-88506	88506	SBG-15	Z99AE015†	SP-207	PAE 2¾	M-308-G	41308
FS-88507	88507	SP-015	PAE 1½	0208	20208	W-308	4608
FS-88508	88508	E-16	ND-16	208	3208	0309	H20309
FS-88509	88509	SAG-16	Z99AE100C†	208-G	43208	309	3309
FS-88609	88609	SBG-16	Z99AE100†	M-208	1208	M-309	43309
FS-88609	D-88609	E-17	ND-17	M-208-G	41208	M-309	1309
		E-17-10	ND-17-E	0209	20209	M-309-G	41309
		L-17	ND-17-H	209	3209	W-309	4609
		SAG-18	Z99AE102C†	209-G	43209	0310	H20310
		SBG-18	Z99AE102†	M-209	1209	M-310	3310
		SAG-19	Z99AE103C†	M-209-G	41209	310-G	43310
		SBG-19	Z99AE103†	0210	20210	M-310	1310
		L-20	ND-20	210	3210	M-310-G	41310
		SAG-20	Z99AE104C†	210-G	43210	W-310	4610
		SBG-20	Z99AE104†	M-210	1210	M-311	H20311
		SAG-23	Z99AE107C†	M-210-G	41210	311	3311
		SBG-23	Z99AE107†	210-G40	43308C	311-G	43311
		SAG-24	Z99AE108C†	0211	20211	M-311	1311
		SBG-24	Z99AE108†	211	3211	M-311-G	41311
		L-25	ND-25	211-G	43211	W-311	4611
		SAG-27	Z99AE111C†	M-211	1211	M-311	H20312
		SBG-27	Z99AE111†	M-211-G	41211	312	3312
		R4	Z99AE112C†	0212	20212	312-G	43312
		R4A	Z99AE112†	212	3212	0313	H20313
		3L04	SAG-31	Z99AE115C†	43212	313	3313
		73L04	SBG-31	Z99AE115†	1212	M-212	43313
		93L04	SAG-32	Z99AE200C†	41212	M-313	1313
		773L04	SBG-32	Z99AE200†	0213	M-313-G	41313
		993L04	34	34	3213	314	3314
		E-5	ND-5	35	43213	314-G	43314
		3L05	SAG-35	Z99AE203C†	1213	0315	H20315
		73L05	SBG-35	Z99AE203†	41213	315	3315
		93L05	36	36	3214	315-G	43315
		773L05	SAG-36	Z99AE204C†	43214	316	3316
		993L05	SBG-36	Z99AE204†	0215	M-316	43316
		R6	37	37	43215	317	3317
		3L06	38	38	3216	317-G	43317
		73L06	39	39	43216	318	3318

† Narrower inner ring.

HOOVER	NEW DEP.	HOOVER	NEW DEP.	HOOVER	NEW DEP.	HOOVER	NEW DEP.
319	3319	5204-F	5504	5318	5318	7222	7522
319-G	43319	5204-FF	55504	5319	5319	7222-G	47522
320	3320	5205	5205, 5205-W	5320	5320	7300	7600
321	3321	5205-C		5321	5321	7300-G	47600
322	3322	5205-F	5505	5322	5322	7301	7601
S-349	3405	5205-FF	55505	5407	5407	7302	7602
S-350	3406	5205-FG	45505	5408	5408	7302-G	47602
S-351	3214	5206	5206, 5206-W	5409	5409	7303	7603
403		5206-F	5506, 5506-W	E-5856-T	5856	7303-G	47603
403-G		5206-FF	55506	AA-7025	7025	7304	7604
0404	H20404	5207	5207, 5207-W	7025-BB	3209	7304-G	47604
404	3404	5207-F	5507, 5507-W	B-7025	43207	7305	7605
404-CR		5207-FF	55507	7034	7034	M-7305	7305
0405	H20405	5207-G		7035	7035	7305-G	47605
405	3405	5208	5208, 5208-W	7036	7036	M-7305-G	47305
M-405	1405	5208-F	5508	7037	7037	M-7305-GNR	47305
0406	H20406	5208-FF	55508	7038	7038	M-7305-GNR	47606
406	3406	5209	5209	7039	7039	7306	7306
0407	H20407	5209-F	5509	AA-7065	3307	M-7306	47306
407	3407	5210	5210, 5210-W	B-7065	43306	M-7306-G	47306
0408	H20408	5210-F	5510, 5510-W	7109	7109	7306-G	47606
408	3408	5211	5211, 5211-W	7200	7200	7306-SOD	
409	3409	5211-F	5511, 5511-W	7200-G	47500	7306-SQF	
410	3410	5212	5212, 5212-W	7201	7501	7307	7607
411	3411	5212-F	5512	7201-G	47501	M-7307	7307
411-G	43411	5213	5213, 5213-W	7202	7502	7307-G	47607
412	3412	5213-F	5513, 5513-W	7202-G	47502	M-7307-G	47307
412-G	43412	5214	5214	7203	7503	M-7307-GS	47307V
413	3413, 1413	5214-F	5514	7203-CR		X-7307-SR	
414	3414, 1414	5215	5215, 5215-W	7203-G	47503	7308	7608
414-N-1	1414	5215-F	5515	7205-GS	47505V	M-7308	7308
415	3415, 1415	5216	5216, 5216-W	7204	7504	M-7308-G	47308
416	3416	5216-F	5516, 5516-W	7204-G	47504	7308-G	47608
417	3417, 1417	5217	5217	7205	7505	7309	7609
418	3418, 1418	5218	5218, 5218-W	7205-G	47505	M-7309	7309
419	3419, 1419	5218-F	5518, 5518-W	7205-SOD		M-7309-G	47309
RW-507-D	RW507E	5219	5219	7206	7506	7309-G	47609
RW-507-E	RW507E	5220	5220	7206-G	47506	7310	7610
RW-507-HH	RW507R	5220-F	5520	M-7206	47206	M-7310	7310
RW-507-J	RW507R	5221	5221	M-7206-G	47206	M-7310-G	47310
RW-507-J2	RW507R	5222	5222, 5222-W	7207	7507	7310-G	47610
RW-508-D	RW508D	5222-F	5522, 5522-W	7207-G	47507	7311	7611
RW-509-A	RW509A	5300	5300	M-7207	47207	M-7311	7311
		1100	5300-F	M-7207-G	47207	M-7311-G	47311
		1101	5301	7208	7508	7311-G	47611
		1105	5302	7208-G	47508	7312	7612
		1106	5302-F	M-7208	47208	7312-G	47612
		8A-1180	5303	M-7208-G	47208	7313	7613
		1208	5303-F	7209	7509	M-7313	7313
		1309	5303-G	7209-G	47509	M-7313-G	47313
		3104	5304	M-7209	47209	7313-G	47613
		3211-62	5304-F	M-7209-G	47209	7314	7614
		S-3504	5305	7210	7510	7314-G	47614
		S-3505	5305-F	7210-G	47510	7315	7615
		S-3506	5305-FF	M-7210	47210	7315-G	47615
		to	5305-G	M-7210-G	47210	7316	
		S-3609	5306	7211	7511	7316-G	
			5306-F	7211-G	47511	7317	7617
			5306-FF	M-7211	47211	7317-G	47617
			5307	M-7211-G	47211	7318	7618
			5307-F	7212	7512	7405	7705
			5307-FF	7212-G	47512	7405-G	47705
			5308	M-7212	47212	7406	7406
			5308-F	M-7212-G	47212	7407	7407
			5309	7213	7513	7408	7708
			5309-F	7213-G	47513	7409	7709
			5309-G	M-7213	47213	7410	7710
			5309-FG	M-7213-G	47213	7410-G	47710
			5310	7214	7514	7411	
			5310-F	7214-G	47514	7411-G	
			5310-FG	7215	7515	7412	
			5310-G	7215-G	47515	7412	

HOOVER	NEW DEP.	HOOVER	NEW DEP.	HOOVER	NEW DEP.	HOOVER	NEW DEP.
WC-8016	WC-8016	77209	77509	WC-87503	WC-87503	99306	Z99606
8026	8026	M-77209	77209	87504	87504	99307	Z99607
WC-8026	WC-8026	77209-G	477509	WC-87504	WC-87504	99308	Z99608
8500	8500	77210	77510	WC-87504-G	WC-87504-G	99309	Z99609
WC-8500	WC-8500	M-77210	77210	87504-G	87504	99310	Z99610
8501	8501	77210-G	477510	87505	87505	99311	Z99610
WC-8501	WC-8501	77210-X1919	77510X1BR	WC-87505	WC-87505	99312	
8502	8502	77211	77511	87506	87506		
WC-8502	WC-8502	M-77211	77211	WC-87506	WC-87506		
8503	8503	77211-G	477511	87506-G	487506		
WC-8503	WC-8503	77212	77512	87507	87507		
8504	8504	M-77212	77212	WC-87507	WC-87507		
WC-8504	WC-8504	77212-X1919	77512X1BR	87507-G	487507		
8505	8505	77213	77513	87508	87508		
WC-8505	WC-8505	M-77213	77213	WC-87508	WC-87508		
8506	8506	77214	77514	87508-G	487508		
WC-8506	WC-8506	77215	77515	88011	88011		
8506-G	48506	77216	77516	88013	88013		
8507	8507	77217	77517	WC-88013	WC-88013		
WC-8507	WC-8507	77218	77518	88014	88014		
8508	8508	77219	77519	88016	88016		
WC-8508	WC-8508	77220	77520	88016-G	488016		
8508-G	48508	77222	77522	WC-88016	WC-88016		
9200	Z9500	77300	77600	88107-A	88107A		
9201	Z9501	77301	77601	88026	88026		
9202	Z9502	77302	77602	88107	88107		
9203	Z9503	77303	77603	88108	88108		
9204	Z9504	77304	77604	88127	88127		
9205	Z9505	77304-G	477604	88128	88128		
9206	Z9506	77305	77605	88500	88500		
9207	Z9507	M-77305	77305	WC-88500	WC-88500		
9208	Z9508	77305-G	477605	88501	88501		
9209	Z9509	77306	77606	WC-88501	WC-88501		
9210	Z9510	M-77306	77306	88502	88502		
9211	Z9511	77307	77607	88502-G	488502		
9301		M-77307	77307	WC-88502	WC-88502		
9302	Z9602	77308	77608	88503	88503		
9303	Z9603	M-77308	77308	WC-88503	WC-88503		
9304	Z9604	77308-G	477608	88504	88504		
9305	Z9605	77309	77609	WC-88504	WC-88504		
9306	Z9606	M-77309	77309	88505	88505		
9307	Z9607	77309-G	477609	WC-88505	WC-88505		
9308	Z9608	77310	77610	88505-G	488505		
9309	Z9609	M-77310	77310	88505-SOD			
9310	Z9610	77310-G	477610	88506	88506		
9311		77311	77611	88506-G	488506		
9312		M-77311	77311	WC-88506	WC-88506		
A-10093-AR	1204	77311-G	477611	88507	88507		
A-10094	1203	77312	77612	WC-88507	WC-88507		
74-10094	3303	77313	77613	88507-G	488507		
42108	42108	M-77313	77313	88508	88508		
43207	43207-C	77313-G	477613	WC-88508	WC-88508		
43207-C	43207C	77314	77614	88509	88509		
43305	43305-C	77315	77615	88603	88603		
43305-C	43305C	77316	77616	97200	Z97500		
47106	47106	77316-G		97203	Z97503		
47509-A-45	47509-A45	77317	77617	97204	Z97504		
77034	77034	77318	77618	97205	Z97505		
77035	77035	77405	77705	97207	Z97507		
77036	77036	77406		97306	Z97606		
77037	77037	77407		97308	Z97608		
77038	77038	77408	77708	97310	Z97610		
77039	77039	77409	77709	99200	Z99500		
77200	77500	77410	77710	99201	Z99501		
77200-GNR	477500	77413		99202	Z99502		
77201	77501	77415		99203	Z99503		
77202	77502	87011	87011	99204	Z99504		
77203	77503	WC-87011	WC-87011	99205	Z99505		
77203-CR		87013	87013	99205-G	Z499505		
77203-G	477503	WC-87013	WC-87013	99206	Z99506		
77204	77504	87014	87014	99206-G	Z499506		
77204-G	477504	WC-87014	WC-87014	99207	Z99507		
77205	77505	87016	87016	99208	Z99508		
77205-G	477505	WC-87016	WC-87016	99209	Z99509		
77206	77506	87026	87026	99210	Z99510		
M-77206	77206	WC-87026	WC-87026	99211	Z99511		
77206-G	477506	87500	87500	99301	Z99602		
77207	77507	WC-87500	WC-87500	99302	Z99603		
M-77207	77207	87501	87501	99303	Z99604		
77207-G	477507	WC-87501	WC-87501	99304	Z99605		
77208	77508	87502	87502	99305	Z99606		
M-77208	77208	WC-87502	WC-87502	99305-G	Z499605		
77208-G	477508	87503	87503				

LINK-BELT NEW DEP.

P210	PAE 5/16
P211	PAE 11/16
P212	PAE 3/4
P214	PAE 7/8
P215	PAE 15/16
P216	PAE 1
P218	PAE 1 1/4
P219	PAE 1 3/8
P220	PAE 1 1/2
P221	PAE 1 5/8
P222	PAE 1 3/4
P223	PAE 1 7/8
P224	PAE 1 15/16
P226	PAE 1 1/2
P227	PAE 1 11/16
P228	PAE 1 3/4
P231	PAE 1 15/16
P232	PAE 2
P234	PAE 2 1/8
P235	PAE 2 1/4
P236	PAE 2 1/2
P239	PAE 2 3/4
P247	PAE 2 15/16

McGILL NEW DEP.

MC-09	
to	
MC-35	
204	3204
204-F	7504
204-FG	47504
204-G	43204
205	3205
205-F	7505
205-FG	47505
205-G	43205
206	3206
206-F	7506
206-FG	47506
206-G	43206
207	3207
207-F	7507
207-FG	47507
207-G	43207
208	3208
208-F	7508
208-FG	47508
208-G	43208
209	3209
209-F	7509
209-FG	47509
209-G	43209
210	3210
210-F	7510
210-FG	47510
210-G	43210
211	3211
211-F	7511

McGILL	NEW DEP.	McGILL	NEW DEP.	McGILL	NEW DEP.	McGILL	NEW DEP.
211-FF	77511	311-G	43311	5309-M	5309, 5309-W	7304	Q30304
211-FG	47511	312	43312	5310-M	5310, 5310-W	7304-DB	Q30304-DT
211-G	43211	312-F	7612	5311-M	5311, 5311-W	7304-DF	Q30304-DT
212	3212	312-FF	77612	5312-M	5312, 5312-W	7304-DT	Q30304-DT
212-F	7512	312-FG	47612	5313-M	5313, 5313-W	7305	Q30305
212-FF	77512	312-G	43312	5314-M	5314	7305-DB	Q30305-DT
212-FG	47512	313	43313	5315-M	5315	7305-DF	Q30305-DT
212-G	43212	313-F	7613	5316-M	5316	7305-DT	Q30305-DT
213	3213	313-FG	47613	5317-M	5317	7306	Q30306
213-F	7513	313-FG	47613	5318-M	5318	7306-DB	Q30306-DT
213-FF	77513	313-G	43313	5407-M	5407	7306-DF	Q30306-DT
213-G	47513	314	43314	7204	Q30204	7306-DT	Q30306-DT
213-FG	43213	314-F	7614	7204-DB	Q30204-DT	7307	Q30307
214	3214	314-FG	47614	7204-DF	Q30204-DT	7307-DB	Q30307-DT
214-F	7514	314-FF	47614	7204-DT	Q30204-DT	7307-DF	Q30307-DT
214-FF	47514	314-G	43314	7205	Q30205	7307-DT	Q30307-DT
214-FG	47514	315	43315	7205-DB	Q30205-DT	7308	Q30308
214-G	43214	315-F	7615	7205-DF	Q30205-DT	7308-DB	Q30308-DT
215	3215	315-FF	77615	7205-DT	Q30205-DT	7308-DF	Q30308-DT
215-F	7515	315-FG	47615	7206	Q30206	7308-DT	Q30308-DT
215-FG	47515	315-G	43315	7206-DB	Q30206-DT	7309	Q30309
215-G	43215	316	43316	7206-DF	Q30206-DT	7309-DB	Q30309-DT
216	3216	316-G	43316	7206-DT	Q30206-DT	7309-DF	Q30309-DT
216-F	7516	317	43317	7207	Q30207	7309-DT	Q30309-DT
216-G	43216	317-F	7617	7207-DB	Q30207-DT	7310	Q30310
217	3217	317-FG	47617	7207-DF	Q30207-DT	7310-DB	Q30310-DT
217-F	7517	317-G	43317	7207-DT	Q30207-DT	7310-DF	Q30310-DT
217-FG	47517	318	43318	7208	Q30208	7310-DT	Q30310-DT
217-G	43217	319	43319	7208-DB	Q30208-DT	7311	Q30311
218	3218	320	43320	7208-DF	Q30208-DT	7311-DB	Q30311-DT
218-F	7518	322	43322	7208-DT	Q30208-DT	7311-DF	Q30311-DT
218-G	43218	404	43404	7209	Q30209	7311-DT	Q30311-DT
219	3219	404-G	43404	7209-DB	Q30209-DT	7312	Q30312
219-F	7519	405	43405	7209-DF	Q30209-DT	7312-DB	Q30312-DT
219-FF	77519	405-F	7705	7209-DT	Q30209-DT	7312-DF	Q30312-DT
219-FG	47519	405-FG	77705	7210	Q30210	7312-DT	Q30312-DT
219-G	43219	405-G	43405	7210-DB	Q30210-DT	7313	Q30313
220	3220	405-G	43405	7210-DF	Q30210-DT	7313-DB	Q30313-DT
220-F	7520	406	43406	7210-DT	Q30210-DT	7313-DF	Q30313-DT
220-FG	47520	406-G	43406	7211	Q30211	7313-DT	Q30313-DT
220-G	43220	407	43407	7211-DB	Q30211-DT	7314	Q30314
222	3222	407-G	43407	7211-DF	Q30211-DT	7314-DB	Q30314-DT
222-F	7522	408	43408	7211-DT	Q30211-DT	7314-DF	Q30314-DT
222-G	43222	408-FG	47708	7212	Q30212	7314-DT	Q30314-DT
304	3304	408-G	43408	7212-DB	Q30212-DT	7315	Q30315
304-F	7604	409	43409	7212-DF	Q30212-DT	7315-DB	Q30315-DT
304-FG	47604	409-FG	47709	7212-DT	Q30212-DT	7315-DF	Q30315-DT
304-G	43304	409-G	43409	7213	Q30213	7315-DT	Q30315-DT
305	3305	410-F	7710				

Table with columns: MCGILL, NEW DEP., MICROTECH, NEW DEP., MICROTECH, NEW DEP., MINIATURE, NEW DEP. Includes various bearing models and specifications.

Specify No. 7 precision. Conversion guide covers basic number only. See nomenclature. Internal gauging not specified. Precision not specified. Lubricant not specified.

Note that slight width variations may exist. Check against manufacturers catalog to determine complete interchangeability.

Table with columns: M. R. C., NEW DEP. for Miniature bearings.

NOTE: Specify New Departure 2000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with columns: M. R. C., NEW DEP. for various bearing models and specifications.

** A mid-range internal gauge symbol has been indicated to separate degree of precision from base number.

Table with 8 columns: M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP. Lists various bearing models and their specifications.

†† Components non-interchangeable use assembly.

Table with 8 columns: M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP. Lists various bearing models and their specifications.

NOTE: Specify New Departure 2000 Series for 15° Contact Angle, H2000 Series for 25° Contact Angle, 3000 Series for 35° Contact Angle.

Table with 8 columns: M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP. Lists various bearing models and their specifications.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP. Lists various bearing models and their specifications.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP. Lists various bearing models and their specifications.

Table with 8 columns: M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP., M. R. C., NEW DEP. Lists various bearing models and their specifications.

** A mid range internal gauge symbol has been indicated to separate degree of precision from base number. †Narrower inner ring. NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment. † Narrower inner ring. NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

M. R. C.	NEW DEP.	M. R. C.	NEW DEP.	NEW HAMP.	NEW DEP.	NEW HAMP.	NEW DEP.
7305	H20305	7420-D		R2ZP	RS7SR2	SR156PP	77M1220
7305D	H20305DT	7421		SR2ZP	SSRS7SR2	SFR156	NM1220
7306	H20306	7421-D		R2ZPP	RS77SR2	SFR156P	7NM1220
7306D	H20306DT	7422		SR2ZPP	SSRS77SR2	SFR156PP	77NM1220
7307	H20307	7422-D		FR2Z	SNR2	SR166	M1224D
7307D	H20307DT	10203-F	7503	SFR2Z	SSSNR2	SR166P	7M1224D
7308	H20308	10204	1204	FR2ZP	RS7SNR2	SR166PP	77M1224D
7308D	H20308DT	10209	3209	SFR2ZP	SSRS7SNR2	SFR166	NM1224D
7309	H20309	10214	3214	FR2ZPP	RS77SNR2	SFR166P	7NM1224D
7309D	H20309DT	10306-G	43306	SFR2ZPP	SSRS77SNR2	SFR166PP	77NM1224D
7310	H20310	10307	3307	SR2-5	M0820	SR168	M1624
7310D	H20310DT	10405	3405	SR2-5P	7M0820	SR168P	7M1624
7311	Q30311	10406	3406	SR2-5UP	7M0820A	SR168PP	77M1624
7311-D	Q30311-DT	42108	42108	SR2-5PP	77M0820	SFR168	NM1624
7312	Q30312	47106	47106	SFR2-5	NM0820	SFR168P	7NM1624
7312-D	Q30312-DT	88107	88107C	SFR2-5P	7NM0820	SFR168PP	77NM1624
7313	Q30313	88107AR	88107CR	SFR2-5PP	77NM0820	SR188	M1632
7313-D	Q30313-DT	88108	88108-E	SR2-6UP	SSRS7R2CA	SFR188	NM1632
7314	Q30314	88127	88127	R3	R3D	SFR188P	7NM1632
7314-D	Q30314-DT	88128	88128	SR3	SSR3D	SR188P	7M1632
7315	Q30315	88128R	88128R	R3P	RS7R3D	SFR188PP	77NM1632
7315-D	Q30315-DT	88136	88136	SR3P	SSRS7R3D	SR188PP	77M1632
7316	Q30316	XD88506	XD88506	R3PP	RS7R3D	SR1810	M2032
7316-D	Q30316-DT	D88506AR	D88506CR	SR3PP	SSRS77R3D	SR1810P	7M2032
7317	Q30317	904278R	904278R	R3Z	SR3D	SR1810PP	77M2032
7317-D	Q30317-DT	904868R	904868R	SR3Z	SSSR3D	SFR1810	NM2032
7318	Q30318			R3ZP	RS7SR3D	SFR1810P	7NM2032
7318-D	Q30318-DT			SR3ZP	SSRS7SR3D	SFR1810PP	
7319	Q30319			R3ZPP	RS77SR3D		
7319-D	Q30319-DT			SR3ZPP	SSRS77SR3D		
7320	Q30320			FR3	NR3D		
7320-D	Q30320-DT			SFR3	SSNR3D		
7321	Q30321			FR3P	RS7NR3D		
7321-D	Q30321-DT			SFR3P	SSRS7NR3D		
7322	Q30322			FR3PP	RS77NR3D		
7322-D	Q30322-DT			SFR3PP	SSRS77NR3D		
7324	Q30324			FR3Z	SNR3D		
7324-D	Q30324-DT			SFR3Z	SSSNR3D		
7326	Q30326			FR3ZP	RS7SNR3D		
7326-D	Q30326-DT			FR3ZPP	SSRS7SNR3D		
7328				R4	SR4D		
7356				SR4	SSR4D		
7356-D				R4P	RS7R4D		
7403				SR4P	SSRS7R4D		
7403-D				R4PP	RS77R4D		
7403-K				SR4PP	SSRS77R4D		
7422-K				FR4	NNR4D		
7404	Q30404			SFR4	SSNNR4D		
7404-D	Q30404-DT			FR4P	RS77NNR4D		
7405	Q30405			SFR4P	SSRS77NNR4D		
7405-D	Q30405-DT			FR4PP	SR4D		
7406	Q30406			SFR4P	SSSR4D		
7406-D	Q30406-DT			FR4PP	RS7SR4D		
7407	Q30407			SFR4P	SSRS7SR4D		
7407-D	Q30407-DT			FR4PP	RS77SR4D		
7408	Q30408			SFR4P	SSRS77SR4D		
7408-D	Q30408-DT			FR4PP	SNNR4D		
7409	Q30409			SFR4P	RS7SNNR4D		
7409-D	Q30409-DT			FR4PP	SSRS77SNNR4D		
7410	Q30410			SFR4P	SR4D		
7410-D	Q30410-DT			FR4PP	SSSR4D		
7411	Q30411			SFR4P	RS7SR4D		
7411-D	Q30411-DT			FR4PP	SSRS7SR4D		
7412	Q30412			SFR4P	RS77SR4D		
7412-D	Q30412-DT			FR4PP	SSRS77SR4D		
7413	Q30413			SFR4P	SNNR4D		
7413-D	Q30413-DT			FR4PP	RS7SNNR4D		
7414	Q30414			SFR4P	SSSNR4D		
7414-D	Q30414-DT			FR4PP	RS7SNR4D		
7415	Q30415			SFR4P	SSRS7SNR4D		
7415-D	Q30415-DT			FR4PP	SR4D		
7416	Q30416			SFR4P	SSSR4D		
7416-D	Q30416-DT			FR4PP	RS7SR4D		
7417	Q30417			SFR4P	SSRS7SR4D		
7417-D	Q30417-DT			FR4PP	RS77SR4D		
7418	Q30418			SFR4P	SSRS77SR4D		
7418D	Q30418DT			FR4PP	SNNR4D		
7419				R2Z	HR2		
7419-D				SR2	M0612		
7420				SSR2	NM0612		

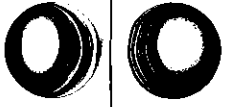
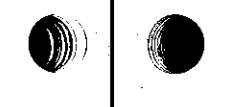
Specify No. 7 precision. Conversion guide covers basic number only. See nomenclature. Internal gauging not specified. Precision not specified. Lubricant not specified.

Note that slight width variations may exist. Check against manufacturers catalog to determine complete interchangeability.

NORMA NEW DEP.

Interchanges applicable to bearings made in U. S. A.

EW-1/4 to EW-2 1/4
H-1/4 to H-6
HR-1/4 to HR-6
HW-1/4 to HW-6
HZ-1/4 to HZ-6
W-1/4 to W-6
WSP-1/4 to WSP-12
WZ-1/4 to WZ-12
M-3/4 to M-9
MR-3/4 to MR-9
MW-3/4 to MW-9
MZ-3/4 to MZ-9
HD-1 to HD-24
HDR-1 to HDR-24
MS-1 to MS-29 1/2



NORMA	NEW DEP.	NORMA	NEW DEP.	NORMA	NEW DEP.	NORMA	NEW DEP.
WD-1		S-5		DL-12		C-98-P	7038
to		S-5-P		to		C-98-PP	77038
WD-26		S-5-PP		DL-100		C-99	39
XLS-1 1/8		S-5-R	R-8	E-12	ND-12	C-99-7	Z9039
to		S5RK	Z9R8	KP12A		C-99-K	Z97039
XLS-21		S-5-R-P	7-R-8	M-12-N		C99KP	Z99039
XW-2		S5RKK	Z99R8	to		C-99-KK	7039
to		S-5-R-PP	77-R-8	M-80-N		C-99-P	77039
XW-20		WS-K		to		C-99-PP	
3-A		to		S-12		C-99-7-P	
D-3		WS-24		S-12-R		C-99-7-P	
to		K-6		S-12-R-P		0100	0100
D-10		K-6-A		S-12-R-PP		0101	0101
DS-3		KP6		S-12 1/2		103-A	
to		KP6A		S-12 1/2-R		to	
DS-10		S-7		S-12 1/2-R-P		114-A	
K-3		S-7-R	R-10	E-13	ND-13	105-9	
K-3-A		S-7-R-P	7-R-10	X-107		X-107	
K-3-L		S-7-R-PP	77-R-10	S-13	R-24	0103	0103
KF-3		D-8-H		S-13-R		0110	0110
to		E-8	ND-8	S-13-R-P		110	3200
KF-10		D-20-H	ND-8-6	S-13-R-PP		110-AC	H20200
KF-3-A		E-8-6	ND-8-7	E-14		110-CD	
to		E-8-7		B-15		to	
KF-20-A		K-8-A		DM-15		200-CD	
KF-3-H		to		to		U-110-W	
KS-3		K-20-A		DM-100		to	
to		K-8-H		E-15	ND-15	U-210-W	
KS-10		to		E-15-B		112	3201
KS-3-L		K-20-H		LM-15		112-AC	H20201
KSF-3		to		to		0113	0113
to		MD-8		LM-100		115	3202
KSF-6		MD-24		E-15 1/8	ND-16	115-AC	H20202
S-0	R-2-A	MDR-8		E-16		XA-115	WC-87008
S-O-R		to		E-17		117	3203
S-1		MDR-24		E-17-10		117-AC	H20203
S-1-P		MX-8		L-17		120	3204
S-1-PP		to		M-17		120-AC	H20204
S-1-R	R-4-A	MX-24		E-19	ND-20	120-AC	Q30204
S-1-R-P	7-R-4-A	OGS-8		L-20		120-AC	
S-1-R-PP	77-R-4-A	to		M-20	ND-25	UT-220-A	
R-2	R-2	OGS-15		L-25		UT-225-A	
R-3	R-3	S-8		L-25-3		XA-26	
R3K		S-8-R	R-12	XA-26		to	
R3KK	Z9R6	S-8-R-P	7-R-12	XA-27		XA-27	
S3RKK	Z99R6	S-8-R-PP	77-R-12	XA-28		XA-28	
R-3-P	7-R-3	E-9	ND-10-9	to		125	3205
R-3-PP	77-R-3	S-9		XA-69		125-AC	H20205
S-3		S-9-R	R-14	L-30		125-AC	Q30205
S-3-R	R-6	S-9-R-P	7-R-14	XB37		U-125	2505
S-3-R-P	7-R-6	S-9-R-PP	77-R-14	XF40		UT-125-E	
S-3-R-PP	77-R-6	XA9P		XA-43	WC-87038	UT-225-E	
SP-K-3		XF9		XA-44		130	3206
XA-3		E-10	ND-10	XF-43	WC-87502	130-AC	H20206
R-4	R-4	K-10		XF-50	WC-87501	U-130	
R-4-P	7-R-4	L-10-N		XF-51		to	
R-4-PP	77-R-4	to		XF65		U-210	
K-4		L-100-N		XF67		XA-134	
K-4-A		LSW-10		XB-68		XA-134-P	
KF-4-H		to		XF74		XA-134-PP	
KP4		LSW-24 1/2		X82		XA-134-R	
KP4A		to		X83		XA-134-R-P	
R4K	Z9R4	LTW-10		XA-92	3112-H	XA-134-R-PP	
R4KK	Z99R4	to		C-94	34	XA-134-R-PP	
WR-4		LTW-24 1/2		C-94-P	7034	135	77-R-4
to		KP10A		C-94-PP	77034	135-AC	3207
WR-26		MSW-10		C-95	35	XF135PP	
DF-5		to		C-95-P	7035	XB137	
to		MSW-24		C-95-PP	77035	XB138	
DF-8		to		C-96	36	140	3208
E-5	ND-5	MTW-10		C-96-P	7036	140-AC	H20208
E-5-4		to		C-96-PP	77036	X-143	
HX-5		MTW-2					

Table with 8 columns: NORMA, NEW DEP., NORMA, NEW DEP., NORMA, NEW DEP., NORMA, NEW DEP. Lists various bearing models and their specifications.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

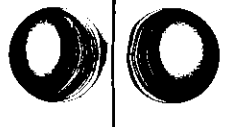
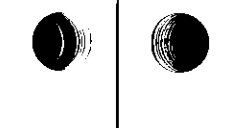
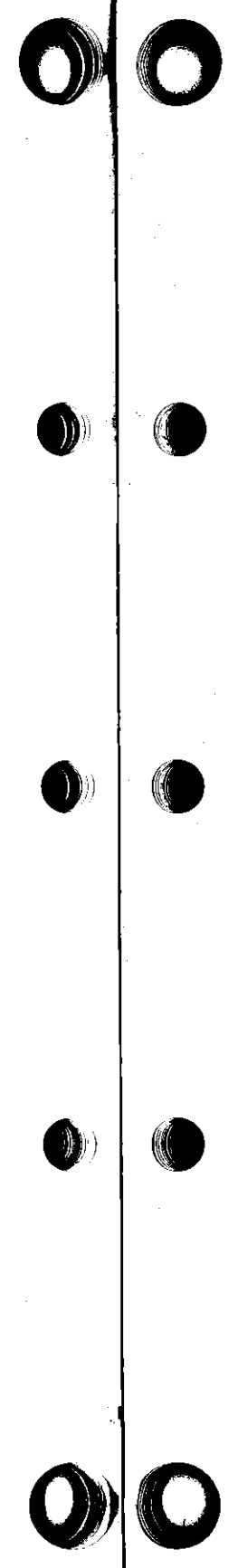


Table with 8 columns: NORMA, NEW DEP., NORMA, NEW DEP., NORMA, NEW DEP., NORMA, NEW DEP. Lists various bearing models and their specifications.

NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment. NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: NORMA, NEW DEP., NORMA, NEW DEP., NORMA, NEW DEP., NORMA, NEW DEP. It lists various bearing models and their specifications.

Table with 8 columns: NORMA, NEW DEP., NORMA, NEW DEP., REED, NEW DEP., SEAL MASTER, NEW DEP. It lists bearing models, including S508M, S509M, S510M, etc., and their specifications.



NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

NEW DEPARTURE BALL BEARINGS

Table with 8 columns: S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP. Lists various bearing models and their specifications.

NEW DEPARTURE BALL BEARINGS

Table with 8 columns: S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP. Lists various bearing models and their specifications, including part numbers like 219AZ, 219A-ZZ, etc.

NEW DEPARTURE BALL BEARINGS

Table with 8 columns: SKF, NEW DEP., SKF, NEW DEP., SKF, NEW DEP., SKF, NEW DEP. Lists various bearing models and their specifications.

** A mid range internal gauge symbol has been indicated to separate degree of precision from base number. NOTE: N. D. 5000 preferred where max. rigidity is important; 5000W if subject to misalignment.

NEW DEPARTURE BALL BEARINGS

Table with 8 columns: SKF, NEW DEP., SKF, NEW DEP., SKF, NEW DEP., SKF, NEW DEP. Lists various bearing models and their specifications.

** A mid range internal gauge symbol has been indicated to separate degree of precision from base number.

Table with columns: S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP. Lists various bearing models and their specifications.

** A mid range internal gauge symbol has been indicated to separate degree of precision from base number.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with columns: S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP. Lists various bearing models and their specifications.

** A mid range internal gauge symbol has been indicated to separate degree of precision from base number.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP. Lists various bearing models and their specifications.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Table with 8 columns: S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP., S K F, NEW DEP. Lists various bearing models and their specifications, including a section for TORRINGTON NEW DEP.

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle. † Narrower inner ring.

TORRINGTON	NEW DEP.	TORRINGTON	NEW DEP.	TORRINGTON	NEW DEP.	WOODS	NEW DEP.
105 BA 02	H20221	120 BB 03		100 BH 10	OL20	200-1/2	PAE 1/2
110 BA 02	H20222	130 BB 03		105 BH 10	OL21	200-3/4	PAE 3/8
120 BA 02	H20224	140 BB 03	Q30326	110 BH 10	OL22	200-11/16	PAE 11/16
130 BA 02	H20226	to		120 BH 10	OL24	200-3/4	PAE 3/4
140 BA 02	H20228	280 BB 03		130 BH 10	OL26	200-1/2	PAE 1/2
150 BA 02	H20230	100 BC 01		140 BH 10	OL28	200-15/16	PAE 15/16
160 BA 02		to		150 BH 10	OL30	200-1	PAE 1
320 BA 02		170 BC 01		160 BH 10		200-1 1/4	PAE 1 1/4
100 BB 02	Q30220	180 BC 01	3L36	480 BH 10		200-1 3/16	PAE 1 3/16
105 BB 02		190 BC 01		100 BH 01		200-1 1/4	PAE 1 1/4
110 BB 02	Q30222	to		to		200-1 3/16	PAE 1 3/16
120 BB 02		320 BC 01		320 BH 01		200-1 3/16	PAE 1 3/16
130 BB 02	Q30226	100 BC 02	3220	100 BH 02	20220	200-1 1/8	PAE 1 1/8
140 BB 02		105 BC 02	3221	105 BH 02	20221	200-1 1/2	PAE 1 1/2
to		110 BC 02	3222	110 BH 02	20222	200-1 1/8	PAE 1 1/8
320 BB 02		120 BC 02	3224	120 BH 02	20224	200-1 1/16	PAE 1 1/16
100 BA 03	H20320	130 BC 02	3226	130 BH 02	20226	200-1 3/4	PAE 1 3/4
105 BA 03	H20321	140 BC 02	3228	140 BH 02	20228	200-1 5/16	PAE 1 5/16
110 BA 03	H20322	150 BC 02		150 BH 02	20230	200-2	PAE 2
120 BA 03		to		160 BH 02		200-2 3/16	PAE 2 3/16
to		320 BC 02	3320	to		200-2 1/16	PAE 2 1/16
280 BA 03		100 BC 03	3322	320 BH 02		200-2 5/16	PAE 2 5/16
100 BB 03	Q30320	105 BC 03		100 BH 03			
105 BB 03	Q30321	110 BC 03		to			
110 BB 03	Q30322	130 BC 03		270 BH 03			
		280 BC 03					

NOTE: Specify New Departure 20000 Series for 15° Contact Angle, H20000 Series for 25° Contact Angle, 30000 Series for 35° Contact Angle.

Alphabetical Nomenclature

In conjunction with bearing numbering systems, most ball bearing manufacturers employ letters to denote certain characteristics of type, design or construction. The following data covers this phase of bearing nomenclature—

giving the various letters and combinations used, together with the definition as applicable to the particular manufacturer. It should be noted that, in some instances, such a letter is used before the bearing number (prefix); in others it appears after the number (suffix).

PREFIX SUFFIX DEFINITION	PREFIX SUFFIX DEFINITION
NEW DEPARTURE	NEW DEPARTURE—Continued
A Immediately following basic bearing number—specialty letter. (Indicates some deviation from standard.)	N With Single Row—Extra Loose End-Play (formerly "EL").
AB Adapter bearing with wide inner ring, set screw locking type.	NM Flanged miniature bearing.
AE Adapter bearing with wide inner ring, eccentric locking collar type.	NR Radial play—Looser than LR.
AG Agricultural Bearing with two piece flanged outer ring.	ND Magneto Series (separable).
AP Aircraft pulley bearing.	NF See individual descriptions of "N" and "F" prefixes.
AS Agricultural seal (usually multiple lip type).	PAE Cast iron pillow blocks.
B Separable inner ring for instrument bearings only. Nonsignificant on commercial bearings.	PF Agricultural idler unit for flat belts.
B Specialty letter.	PV Agricultural idler unit for V belt.
C Steel Slinger-type Seal.	P Specialty letter.
C Miniature bearing of high carbon chrome steel.	Q Non-metallic Separator.
C Specialty letter.	R With Sealed Bearings—Relubrication Feature. Inch type with separator.
CB Conveyor Roll Bearing.	R Specialty letter. (When not preceded by X, L, M or N.)
CF Cam follower bearing.	RS Removable Shields.
CS Close wound coil spring stainless steel separator.	RW Rear Wheel.
CT Clutch Throwout Bearing.	S Open Wound Coil Spring Separator of Stainless Steel. Special Internal fit-up or preload.
CWC Steel Slinger Seal, Wide Outer Ring.	SR Stainless steel separator. If used in a bearing having shields or seals, the sheet metal closures are stainless steel.
D Rear-Wheel-type seal. (Steel slinger and felt seal.)	SS Stainless Steel.
D Tightly clenched ear type separator.	T Combined with another letter (TC, TM, TP, etc.) signifies various textile bearing types.
DB Duplex Bearing—Back to Face Mounting	TE Armor Gard seal.
DF Duplex Bearing—Face to Face Mounting	T Tight internal fit-up (except Duplex Bearings)—follows basic bearing number and its Suffixes: e.g. 5306T.
DT Duplex Bearing—Tandem Mounting	T Duplex Bearings—Heavy Pre-load—follows basic bearing number and its suffixes: e.g. Q20210DT T5A.
DJ Loosely clenched ear type separator.	Type Following suffix DT, DF, DB indicates one piece only of pair.
E Specialty letter.	U "Universal" single Angular Contact Bearing—ground for Duplex Back-to-Back, Face-to-Face or Tandem mounting. Example: Two U20200 L5 may be used as 20200 DB L5A, 20200 DF L5A or 20200 DTL5A. May also be used singly.
EM Extra width inner ring miniature bearing.	U Specialty letter.
F With Flush Type Angular Contact Bearing, single row end play. Inch Type, without separator.	V Cast Bronze Machined Separator.
FL Pressed metal flange, used in pairs on a spherical O.D. bearing.	V Snap-ring on opposite side from standard (std. is on loading groove side, opposite shield or seal, as illustrated).
FT Flat thrust bearings.	W With Double Row—Externally diverging contact angles—Reversed Contact Angle.
F Specialty letter.	WC Wide Cup Seal Bearing—Outer Ring extended so as to be flush with Inner Ring on one face.
H With 0L00, 0L00 and 20000 Series Angular Contact Bearing—25° Contact Angle.	WD Two piece, cylindrical pocket, integral saddle, outer ring controlled, pressed phosphor bronze separator.
H Specialty letter.	WE Land Riding Seal—Trash Shield.
HR Instrument angular contact bearing with snap assembled outer ring.	X With 88000 Seal Bearings—Free seal fit-up for Propeller Shaft Bearings.
J Angular contact bearing with snap on inner ring.	X Standard Endplay and Noise Test (except on Single Angular Contact and Duplex Bearings). Usually omitted, thus 3205 X1A is simply shown as "3205."
J Specialty letter.	X Angular Contact Bearings—Single Bearings Only—No preload (Do not use for Duplex Mounting). Omitted when Standard, thus H20305 #1 is simply shown as "H20305."
K Specialty letter.	X Duplex Bearings—Medium preload. Follows "DB," "DF," or "DT" e.g. H20305 DT X1A.
L "Loose" Endplay (except Duplex Bearings)—follows basic bearing number and its suffixes: e.g. 5305 L1A, 5306L.	
L Duplex Bearings—Standard Fit up (light pre-load)—follows "DB," "DF" or "DT": e.g. H20305DT L1A.	
LC Type AE Adapter Bearing Less Collar. Warehouse carries with collar.	
LR Loose Radial Play.	
M With inch dimension bearings—Miniature stainless steel instrument bearings.	
MR Minimum radial play.	
N Flanged Outer Race.	

Alphabetical Nomenclature—Continued

PREFIX SUFFIX DEFINITION

NEW DEPARTURE—Continued

XR	Standard Radial Play.
Y	Low Speed Noise Test.
Z	Removable molded synthetic rubber seal or shield.
ZA	.0002 Maximum Radial Play.
ZB	.0001—.0003 Radial Play.
ZC	.0002—.0004 Radial Play.
ZD	.0003—.0005 Radial Play.
ZE	.0004—.0006 Radial Play.
ZF	.0005—.0008 Radial Play.
ZH	.0008—.0011 Radial Play.

1 Digit Immediately following Basic Bearing No. and End Figures/ Play Symbol—Degree of Precision.

- 1—ABEC1
- 3—ABEC3
- 5—ABEC5
- 7—ABEC7, New Departure Prefix.
- 9—New Departure Ultra Prefix.

4 Digit Immediately following Basic Bearing No. and End Figures/ Play Symbol—Special Feature.

Last Suffix Type of Grease Packing—Examples: X1 A (A grease), XY1C (C grease), T3 CF (CF grease), DB L5A (A grease) etc.

1 Digit Following Grease Suffix letters indicates other than standard, volume or method of applying lubricant.

AHLBERG

A	Special inner ring width (H5310-A).
A-45	Large chamfer in bore (88107A).
AC	Special 6209KG bearing.
B	Special internal fit-up.
B	Spherical outside diameter.
B	Machined brass retainer (single row and angular contact only).
C	Double row, non-loading groove construction.
C	Non-metallic (Bakelite) retainer.
CG	Special 45mm bore (5311G size).
D	Duplex—both faces flush ground (2 bearings).
D1	Duplex—all faces flush ground (1 bearing).
DB	Duplex mounted, back-to-back.
DF	Duplex mounted, face-to-face.
DT	Duplex mounted, in tandem.
FS	Single seal.
FSS	Double sealed, one on each side.
G	One shield.
GE	Large chamfer on one side of outer ring.
GFS	One shield and one seal.
GG	Two shields—one on each side.
H	Single row angular contact, less than 22° contact angle.
K	One snap ring and snap ring groove on OD of outer ring.
K-20	Chevrolet bearing with special snap ring.
K-30	Chevrolet bearing with special snap ring.
KF	Snap ring and groove, felt seal on opposite side.
KFF	Snap ring and groove on OD of outer ring, two felt seals.
KFO	Snap ring and groove, felt seal on same side.
KFS	Snap ring and groove, felt seal on opposite side.
KG	One shield, snap ring and groove on OD of outer ring.
KGG	Two shields, snap ring and groove on OD of outer ring on one side.

PREFIX SUFFIX DEFINITION

AHLBERG—Continued

KGO	One shield, snap ring and groove on OD of outer ring on same side as shield.
KO	Snap ring opposite of normal position.
KU	Snap ring groove only on OD of outer ring (no snap ring).
L	Loose fit-up.
LL	Extra loose fit-up.
M	Loading groove construction.
M	Non-metallic retainer.
N	Light preload, duplex bearings.
O	Snap ring on side opposite its standard location.
P	Deep Well Pump 7000 series, contact angle 32-45 degrees.
Q	Pressed (stamped) brass retainer.
S	Standard fit-up.
SA	Self-aligning.
SBG	Single row ball bearing, double extended inner ring, felt seals, spherical OD (four grease holes) with collar.
SP	Pillow block, direct mounted single row bearing, external self-aligning, dirt proof seal, with eccentric locking collar.
T	Tight fit-up.
T	Tapered bore bearing.
U	Snap ring not included.
V	Full type bearing, no retainer.
W	Narrow width, double row.
WC	Felt seal bearing, outer ring flush on one side (8000, 87000, and 88000 series only).
WIR	Wide inner ring.
X	Special annular ball bearing.
X	Special fit-up to customer's specification.
XT	Special thrust bearing.
Z	Double row, radial construction.

BARDEN

	(All bearings are ABEC 7 except for miniature and instrument ABEC 5 on bores.)
A	Stainless steel torque tube series.
B	Angular contact, separable inner ring type.
C	Calibrated bore and O.D.
COX	Calibrated O.D. only.
COXO	Calibrated bore only.
D	Deep groove.
E	Angular contact, magneto series, separable outer ring.
E	Eccentricity of inner ring to .00005" maximum.
F	Flanged, tapered O.D. inch series.
FR	Flanged, cylindrical O.D. inch series.
G2	Mil-G-3278.
G19	Mil-L-7711.
H	Angular contact, phenolic high speed retainers.
HD	Duplex angular contact (HDB, HDF, HDT) medium preload.
H5D	Duplex angular contact light preload.
HJB	High speed, high temperature bronze retainer.
IR	Inner ring only for type B separable inner ring bearings.
K	Stainless steel separating symbol followed by radial play code number.

Alphabetical Nomenclature—Continued

PREFIX SUFFIX DEFINITION

BARDEN—Continued

O-11	MIL-L-6085A.
O-14	MIL-L-7808
ORA	Outer ring retainer and ball assembly only for type B separable inner ring bearing.
R	Inch series, high carbon chrome rings and balls.
S	Stainless steel.
S	1—stainless steel shield.
SS	2—stainless steel shields.
T	Aluminum reinforced phenolic retainer.
TA	1 piece, snap type phenolic retainer.
V	Torque controlled.
VL	Close control of torque range.
W	2 piece stainless steel retainer.
X	Indicates a deviation from standard where more than one variation X followed by numeral.
Z	Spring separators for gyro bearings.

B.C.A.

A	25° contact angle.
C	Clutch throwout.
CT	Clutch throwout—thrust.
C	Single seal.
CC	Double seal.
E	Offset ring faces.
EL	Extended inner ring.
F	Felt seal.
G	Seal.
GG	Double seal.
L	Snap ring.
N	Narrow outer ring.
RW	Rear wheel.
S	Shield.
SS	Double shield.
SNR	Snap ring.
V	Snap ring on opposite from standard.
W	Extended inner ring one side.
WL	Extra wide inner ring.
N	15° contact angle.
T	30° contact angle.

FAFNIR

A	Stainless steel.
AR	Automotive replacement.
B	Outer ring beveled.
BR	Bronze retainer.
C1, 2, 3, etc.	Denotes latest internal construction change.
CR	Composition retainer.
D	Steel shield on one side of bearing.
DB	Duplex-back-to-back.
DD	Steel shield on both sides of bearing.
DF	Duplex face-to-face.
DG	Single shield, snap ring and groove on OD on side opposite shield.
F	Flanged.
FS120	Bearing flush ground for mounting DB, DT, DF.
FS230	
G	Relubricatable mechani-seal.
G	Snap ring and groove on OD of outer ring.

PREFIX SUFFIX DEFINITION

FAFNIR—Continued

G	KLL	Double mechani-seal wide inner ring power transmission bearing, with provision for relubrication, not external self-aligning, with eccentric locking collar.
G	KLLB	Double mechani-seal wide inner ring power transmission bearing, with provision for relubrication, external self-aligning with eccentric locking collar.
H	H	Snug internal fit-up.
	H	Early Conrad type (superseded by "K" type).
	K	Conrad (non-filling slot) type.
L		Internal self-aligning type.
L		Few magneto sizes.
	L	Mechani-seal on one side.
LAK		Direct mounted ball bearing pillow block.
LCJ		Flange cartridge unit.
	LD	Mechani-sealed on one side, plate shield on other.
	LL	Mechani-seals both sides of bearing.
	M	ABEC-3 tolerance.
	2M	Angular contact ABEC 3-12° contact angle.
	3M	Angular contact ABEC 3-25° contact angle.
	MBR	Machined bronze retainer.
M	FS60000	ABEC-5 bearing, (last four digits of FS suffix are for customer specification).
	MM	Super-precision ABEC-7 specification.
	2MM	Angular contact ABEC 7-12° contact angle.
	3MM	Angular contact ABEC 7-25° contact angle.
	N	Double row bearings, 5000 series narrow width.
	NP	Single non-removable plya-seal.
	NPP	Two non-removable plya-seals.
	P	Loose internal fit-up.
	P	Plya-seal on one side of bearing.
	PP	Plya-seals on both sides of bearing.
	PW	Extra duty angular contact 35° angle in larger series.
	R	Regular fit-up.
	RS	Rubber pillow block, no provision for relubrication.
	S	Small inch dimensions sizes.
	S	Known as aerolite type for aircraft service.
	S	External self-aligning type.
	T	Tight internal fit-up.
	T	Felt seal on one side of bearing.
	TD	Single seal and shield.
	TG	Single felt seal, snap ring and groove on OD of outer ring on side opposite seal.
	TT	Felt seal on both sides of bearing.
	V	Extra small bearings 30 series, heavy outer ring.
	W	Wide type bearing.
	W	Maximum capacity (filling slot) type.
	W	20° angle in smaller sizes, 7200 and 7300 series.
	WI	Maximum type (W) counterbored construction.
	WIR	Single row bearing, inner ring extended on one side to double row width.
	WIX	Ultra-precision duplex type for high speed spindles.
	WO	Ultra-precision type.
	FEDERAL	
	B	Radial clearance greater than normal.
	BA	Clutch release bearing assembly.
	CG	Snap ring.
	D	Duplex bearing.
	E	Single plastic shield.

Alphabetical Nomenclature—Continued

PREFIX SUFFIX	DEFINITION	PREFIX SUFFIX	DEFINITION
FEDERAL—Continued		HOOVER—Continued	
EE	Double plastic shield.	SOF	Slot on face of inner ring.
F	Automobile front wheel type.	T	Tight fit.
F	Single steel shield.	W	Wide inner ring.
FB	Magneto type.	WC	Wide outer ring—felt seal type.
FF	Double steel shield.	X	Special fit.
FE	Shielded both sides. One side steel shield; opposite side plastic shield.	XL	Extra loose fit.
FG	Snap ring and shield on the same side of bearing.	McGILL	
FR	Shielded both sides—one side steel—opposite side neoprene.	DB	Pair of bearings, duplex mounted back to back.
FS	Federal special and felt seal.	DF	Pair of bearings, duplex mounted face to face.
FS	Special purpose bearing when used with numbers from 1 to 9000.	DT	Pair of bearings, suitable for back to back, face to face or tandem duplex mounting.
G	Snap ring.	F	Single shield.
GF	Snap ring—single shield at opposite side of bearing.	FF	Double shield.
L	Loose fit.	FG	Single shield, with snap ring and groove on side opposite shield.
LS	Light series—inch dimensions.	FG-1	Single shield with snap ring and groove on same side as shield.
M	Single row—maximum capacity—filling slot.	G	Snap ring and groove on outer ring OD.
MS	Medium series—inch dimensions.	GO	Snap ring groove only on outer ring OD.
MWI	Wide inner ring.	TB	Tapered bore.
N	Double row—light series—narrow width.	MICROTECH	
PB	Pillow block.	A	Angular contact.
R	Retainer ring included with rear wheel bearing.	B	Packaging code.
R	Single neoprene seal.	C	Composition retainer.
RR	Double neoprene seal.	C	Calibrated bore and OD.
RW	Rear wheel bearing.	CB	Calibrated bore only.
S	Extra small, inch dimensions, with retainer.	CO	Calibrated OD only.
SA	Internal self-aligning.	D	Double row.
SOC	Extended inner ring, locking collar, light series.	DB	Duplex mounted—back to back—preload range shown in lbs. DB 3-5.
X	Adapter bearing.	DT	Duplex mounted—tandem—preload range shown in lbs. DT 3-5.
X1	Special width.	DF	Duplex mounted—face to face—preload range shown in lbs. DF 3-5.
X2	Special width, mechanical.	EE	Extended inner ring.
X5	Felt seal, wide outer ring.	F	Flanged type bearing.
XLS	Extra light series—inch dimensions.	G	Grease lubrication.
XT	Extra tight fit.	I	Separable inner race.
XY	Adapter type bearing with sleeve.	K	Packaging code.
Y	Adapter sleeve.	L	Oil lubrication.
1	Standard fit.	M	Max type construction, no retainer.
2	Tight fit.	O	Separable outer race.
3	Loose fit.	P	Non-separable—inner race relieved.
HOOVER		P	Packaging code.
CR	Special corner radii.	Q	Non-separable—outer race relieved.
F	Single shield.	R	Conrad type—pressed steel retainer.
FF	Double shield.	RP	One removable plate shield.
G	Snap ring.	RPP	Two removable plate shields.
GR	Snap ring—groove—without snap ring.	RWP	One removable plate shield (unshielded width bearing).
GS	Snap ring on same side as plate shield.	S	Spring retainer.
L	Loose fit.	SS	440C—stainless steel ring and balls.
M	Loading groove type.	MINIATURE PRECISION	
M	Medium fit.	C	Radial retainer.
R	Inch series—extra small with retainer.	E	Extended inner race.
RW	Rear wheel.	F	Flanged radial—full type.
S	Cartridge bearing.		
SF	Flange pillow block.		
SP	Pillow block.		
SAG	Adapter bearing—cylindrical outer race.		
SBG	Adapter bearing—outer race.		
SOD	Slot on outside diameter.		

Alphabetical Nomenclature—Continued

PREFIX SUFFIX	DEFINITION	PREFIX SUFFIX	DEFINITION
MINIATURE PRECISION—Continued		M.R.C.—Continued	
FC	Flanged radial—retainer type.	FFC	Two shields, cartridge bearing.
G	Grooved OD.	FFM	Two removable metal shields.
H	Single shield.	FFP	Two removable rubber-beaded shields.
HH	Double shield.	FFS	Two felt seals.
K1	Radial clearance .0000 in. to .0002 in.	FM	One removable metal shield.
K2	Radial clearance .0001 in. to .0003 in.	FP	One removable synthetic shield.
K3	Radial clearance .0002 in. to .0004 in.	FS	One felt seal.
K4	Radial clearance .0003 in. to .0005 in.	FSF	One felt seal, one shield.
K5	Radial clearance .0004 in. to .0007 in.	G	Snap ring.
K6	Radial clearance .0005 in. to .0008 in.	G	Snap ring on side opposite of standard.
K7*	Radial clearance .0002 in. to .0008 in.	K	Standard width double row.
*Note: This is standard radial clearance furnished, unless specified.		KR	Extra light series, counterbored.
LG	Lubricating grease.	KRD	Duplex ground, extra light series.
LO	Lubricating oils.	KS	Extra light, conrad type.
DB	Duplex mounted back to back	KSFZG	KS type, one shield, one Synthe-Seal, snap ring.
DF	Duplex mounted face to face	KSZZG	KS type, two Synthe-Seals, snap ring.
DT	Duplex mounted tandem	M	Maximum capacity, loading slot type.
M	High speed.	M	Miniature stainless steel bearing.
MA	High speed with separable inner.	N	Lock Nuts; N-00 to N-14.
MB	High speed with separable outer.	NM	Flanged stainless steel bearing (formerly FB).
NM	Beryllium copper construction.	PB	Pillow block.
Q	Starting torque in 100 mg. mm.	R	Small inch dimension bearing.
R	Inch series, ND "R".	R	Counterbored type.
SS	Stainless steel construction.	RA	Adapter bearing, extended inner ring one side.
U	Self-aligning type.	RDT	R type, duplexed, tandem.
V	Running torque in 100 mg. mm.	RR	Two Labri-Seals.
ZB	Measured dimension code of bore shown on package.	S	Conrad type, deep groove.
ZD	Measured dimension code of bore and OD shown on package.	SB	Double row, reverse angle; 5204-SB.
ZO	Measured dimension code of OD shown on package.	SBK	SB type, standard width.
M.R.C.		SBKF	SB type, standard width, one shield.
A	Cylindrical OD adapter bearing.	SBKFF	SB type, standard width, two shields.
ARR	Cylindrical OD adapter bearing, with two Labri-Seals.	SBKZ	SB type standard width, one Synthe-Seal.
AZZ	Cylindrical OD adapter bearing, with two Synthe-Seals.	SFFC	S type, two shields, cartridge width.
B	Thrust bearings, inch dimensions.	SFFCG	S type, two shields, cartridge width, snap ring.
B	Spherical OD adapter bearing.	SFZG	S type, one shield, one Synthe-Seal, snap ring.
BRR	Spherical OD adapter bearing, with two Labri-Seals.	SRRC	S type, two Labri-Seals, cartridge width.
BZZ	Spherical OD adapter bearing, with two Synthe-Seals.	ST	Stainless steel.
C	Thrust bearings, inch dimensions, flat races.	SV	S type, narrow width.
C	Conrad type bearing.	SWI	S type, wide inner ring.
C	Single row bearing double row width cartridge bearing.	SXY	S type, tapered bore, adapter sleeve.
CT	Clutch throw-out bearing.	SZZC	S type, two Synthe-Seals, cartridge width.
DB	Duplex ground bearing back-to-back.	SZZG	S type, two Synthe-Seals, snap ring.
DF	Duplexed pair, face-to-face.	T	Adapter bearing, wide inner ring and eccentric locking collar.
DT	Duplexed pair, tandem.	U	Thrust bearing with self-aligning washer.
E	52100 Steel	V	Narrow width.
EM	High carbon chrome, miniature bearing.	W	Wafer bearing.
F	Thrust bearing, flat seat.	WI	Wide inner ring.
F, FF	One shield, two shields.	X	Tapered bore.
FB	Flanged instrument bearing, tapered OD.	XLS	Extremely light series single row.
FC	Flanged instrument bearing, cylindrical OD (see NM).	Y	Adapter sleeve.
		Z, ZZ	Synthe-Seal, single-double seal.
		NEW HAMPSHIRE (NHBB)	
		B	Relieve land on inner or outer ring—digits added to indicate design of rings and type of retainer.
		C	Change from standard dimensions. Digits are added for each different change.
		D	Ribbon retainer.











Alphabetical Nomenclature—Continued













PREFIX SUFFIX	DEFINITION	PREFIX SUFFIX	DEFINITION
NEW HAMPSHIRE (NHBB)—Continued		NORMA HOFFMAN—Continued	
EE	Extended inner ring on both sides.	M — N	Narrow width, medium series.
F	Flange.	MF	Medium fit (ball bearing).
G	Grooved outer ring.	MS	Medium series, inch series.
K	Radial play range (K13 would be .0001 to .0003).	MT	Loading groove type.
N	Beryllium copper.	M	Machined metal retainer.
P	Removable shield.	N	Single synthetic contact seal.
PP	Two removable shields.	NN	Two synthetic contact seals.
P1	Shield on flange side.	NW	Ball bearing, double row, angular contact, loading groove, vertex of contact angle meets outside (new width).
P2	Shield opposite flange.	P	Single shield.
R	Radial bearing retainer type (crown).	PP	Double shields.
S	Stainless steel.	R	Cylindrical roller bearing.
T	Machined retainer, metallic or plastic.	R	Angular contact bearings 5° contact angle.
UP	Single shielded bearing, same width as unshielded bearing.	R	Extra light ball bearing series, single row, radial, retainer type, inch series.
W	Low torque.	R — PP	Extra light ball bearing series, single row, radial, retainer type, two shields, inch series.
Z	Spring separator.	S	Preceding "3500" & "3600" cartridge type ball bearing.
NORMA HOFFMAN		S	Extra light, full type, inch dimensions.
(Prefix and Suffix applicable to bearings made in the USA).		S — R	Extra light ball bearing series, single row, radial, retainer type, inch series.
A	Stainless steel (A-500 series) Torque tube bearings.	S — R-PP	Extra light ball bearing series, single row, radial, retainer type, two shields, inch series.
A	Max type, loading groove construction.	TF	Standard fit.
A	Extra narrow ball bearing series, single row, radial, retainer type, metric series.	U1, U3, U5, U7	Preload symbols 1-Zero, 3-Light, 5-Medium, 7-Heavy.
AC	Single row, angular contact type, counterbored, retainer type.	W	Standard lockwashers.
B1, 3, 5, 7, 9	ABEC Tolerance	WIR	Wide inner ring type ball bearing.
C	Extra light ball bearing series, single row, radial, metric type.	X	X-1 to X-199 first group of special ball, roller and thrust bearings.
CD	Ball bearing, single row, angular contact, split outer ring, separable, retainer type.	XA	Airframe ball bearing.
D	Airframe ball bearing.	XA	XA-1 to XA-199 second group of special ball, roller and thrust bearings.
D, DD	Single, double metal labyrinth seal (9000 series).	XB	XB-1 to XB-199 third group of special ball, roller and thrust bearings.
DS	Airframe ball bearing.	XF	XF-1 to XF-199 fourth group of special ball, roller and thrust bearings.
E	Magneto series, open type.	XLS	Extra light ball bearing series, single row, radial, retainer type, inch series.
ELF	Extra loose fit.	S K F	
ETF	Extra tight fit.	A	Adapter type, self-aligning.
EW	Ball thrust bearing.	A	30° contact angle.
F	Rocker arm bearing.	B	40° less contact angle.
FL	Labyrinth Flinger sealed cartridge bearing.	C	15° contact angle.
GE	Special beveled or corner for general electric mine motor replacement.	C	Inner race land-riding cage when used with cage designations.
H	Angular contact bearing 25° contact angle.	C1	Extra tight fit, radial clearance less than C2.
H	Ball thrust bearing.	C2	Tight internal fit, radial clearance less than standard.
H	High temperature separator.	C3	Loose internal fit, N. D. Lendplay.
H	Extra heavy, aircraft control.	C6	Extra quiet running standard bearing, noise tested.
IF	Interference fit (ball bearing).	C78	Super precision, ABEC 5 and standard internal clearance, also C781, C782, C783, C784 with corresponding C1, C2, C3, C4, C5 internal clearance respectively.
Inst.	Instrument fit (ball bearing).	D	Matched and boxed in pairs for duplex mounting.
J	Grease plug in cartridge type bearings.	E	Magneto type bearings.
K	Airframe ball bearing.	EE	Extra small inch dimension bearings.
K	Single synthetic contact seal.	FL	Felt seal bearing.
KK	Two synthetic contact seals.		
KS	Airframe ball bearing.		
L	Magneto type.		
L	Angular contact bearings 15° contact angle.		
L	Non-metallic retainer.		
L — N	Narrow width, light series.		
LS	Light series, single row, radial, retainer type, inch series.		
M	Magneto type ball bearing—large sizes.		

Alphabetical Nomenclature—Continued

PREFIX SUFFIX	DEFINITION	PREFIX SUFFIX	DEFINITION
S K F—Continued		S F K—Continued	
FLB	Felt seal bearing, extra wide outer ring.	R	Extra small bearings.
G	Flush ground side surfaces for duplex mounting. Also with numerals to denote preload. G02-20lb preload G05-50lb preload G1-100lb preload G5-500lb preload	RS	Red seal on one side (synthetic contact type).
H	Pressed steel snap retainer.	2RS	Red seals on both sides (synthetic contact type).
I	Denotes special bearing.	RSNR/B	Red seal and snap ring on same side.
J	Pressed steel retainer (cage).	S	Denotes special bearings.
JC	Pressed steel retainer (cage), inner ring centered.	SNW	Adapter sleeve, locknut, and lockwasher.
K	Tapered bore bearing, 1:12 taper on diameter.	SY	Direct mounted ball bearing pillow block. Same as SY but low center height.
L	Dural retainer (cage).	SYH	Same as SY but low center height.
M	Machined bronze retainer.	T	Non-metallic (phenolic) retainer (cage).
N	Locknut designation.	TC	Non-metallic retainer (cage), inner ring centered.
N	Snap ring groove (without ring).	TS	Non-metallic retainer (cage), outer ring centered.
NBR	Snap ring on opposite side from standard.	W1	Low starting torque.
NR	Snap ring and groove on outer ring.	X	International Standard dimensions.
		Y	Pressed brass or bronze retainer (cage).
		Z	Shield on one side.
		ZZ	Shields on both sides.

Comparative Bearing Type and Series Numbering

TYPE OF BEARING		New Departure	Ahlberg	B. C. A.	Fafnir	Federal	Hoover	M. R. C.	Norma	S. K. F.
SINGLE ROW— (Non-Loading Groove)					(33K3/33K5) (S1K7/S13K)	S-1-R/S-13-R	R2/R24	R2	R2	EE-0/EE-10
Inch Series.....		R2/R24	—	—	30K	9430	30	30	—	—
Extra Small.....		3L00	6100	100	9100K	9100	3L00	100KS	6100	6000-X
Extra Light.....		3200	6200	200	200K	1200	200	200S	200	6200
Light.....		3300	6300	300	300K	1300	300	300S	300	6300
Medium.....		3400	6400	400	400K	1400	400	400S	400	6400
Heavy.....										
SINGLE ROW— (Loading Groove)										
Light.....		1200	M6200	1200	200W	1200M	M200	200M	MT200	200A
Medium.....		1300	M6300	1300	300W	1300M	M300	300M	MT300	300A
Heavy.....		1400	M6400	1400	400W	1400M	—	400M	MT400	400A
SINGLE ROW With Shield (Non-Loading Groove)					33KD3/33KD5 S1KD7/S13KD	S-1-RF/S13RF	—	R2F (N463F)	R2P	—
Inch Series.....		7R2/7R24	—	—	30KD	9430F	7030	30F	C-90-P	RZ, RBZ
Extra Small.....		7030	—	30S	9100KD	9100F	73L00	100KSF	6100P	6900XAZ
Extra Light.....		73L00	—	—	200KD	1200F	7200	200SF	200P	6200Z
Light.....		7500	6200G	200S	300KD	1300F	7300	300SF	300P	6300Z
Medium.....		7600	6300G	300S	400KD	1400F	7400	400SF	400P	—
Heavy.....		7700	6400G	400S	—	—	—	—	—	—
SINGLE ROW— With Shield (Loading Groove)										
Light.....		7200	M6200G	1200S	200WD	1200MF	M7200	200MF	MT200P	200AZ
Medium.....		7300	M6300G	1300S	300WD	1300MF	M7300	300MF	MT300P	300AZ
Heavy.....		7400	M6400G	—	400WD	—	—	400MF	MT400P	—
SINGLE ROW— Double Shield (Non-Loading Groove)					33KDD3/33KDD5 S1KDD7/S13KDD	S-1-RFF/S13RFF	—	R2FF (N463FF)	R2PP	—
Inch Series.....		77R2/ 77R24	—	—	30KDD	9430FF	77030	30-FF	C90-PP	RZ, RBZ
Extra Small.....		77030	—	30SS	9100KDD	9100FF	773L00	100KSFF	6100PP	6000XAZZ
Extra Light.....		773L00	—	—	200KDD	1200FF	77200	200SFF	200PP	6200-2Z
Light.....		77500	6200GG	200SS	300KDD	1300FF	77300	300SFF	300PP	6300-2Z
Medium.....		77600	6300GG	300SS	400KDD	—	77400	—	400PP	—
Heavy.....		77700	—	—	—	—	—	—	—	—
SINGLE ROW— Double Shield (Loading Groove)										
Light.....		77200	M6200GG	1200SS	200WDD	1200MFF	—	200MFF	MT200PP	200A-2Z
Medium.....		77300	M6300GG	1300SS	300WDD	1300MFF	—	300MFF	MT300PP	300A-2Z
Heavy.....		77400	M6400GG	—	400WDD	—	—	400MFF	MT400PP	—
SINGLE ROW— With Seal										
Extra Small.....		Z9030	—	—	30P	9430R	—	30Z	C-99-K	RO-RS
Extra Light.....		Z931.00	—	—	9100P	—	93L00	100KSZ	6100K	6000XRS
Light.....		Z9500	—	—	200P	1200R	9200	200SZ	200K	6200RS
Medium.....		Z9600	—	—	300P	1300R	9300	300SZ	300K	6300RS
SINGLE ROW— Double Seal										
Extra Small.....		Z99030	—	—	30PP	9430RR	—	30ZZ	C-99KK	RO-2RS
Extra Light.....		Z993L00	—	—	9100PPP	—	993L00	100KSZZ	6100KK	6000X2RS
Light.....		Z99500	—	—	200PP	1200RR	99200	200SZZ	200KK	6200-2RS
Medium.....		Z99600	—	—	300PP	1300RR	99300	300SZZ	300KK	6300-2RS
SINGLE ROW— With Snap Ring (Non-Loading Groove)										
Extra Light.....		43L00	—	—	—	—	—	—	—	—
Light.....		43200	6200K	200L	200KG	1200CG	200G	200SG	4200	6200NR
Medium.....		43300	6300K	300L	300KG	1300CG	300G	300SG	4300	6300NR
Heavy.....		43400	—	—	—	—	—	400SG	—	6400NR
SINGLE ROW— With Snap Ring (Loading Groove)										
Light.....		41200	6200K	1200L	200WG	1200MG	M200G	200MG	—	200ANR
Medium.....		41300	6300K	1300L	300WG	1300MG	M300G	300MG	—	300ANR
Heavy.....		41400	—	1400L	—	—	—	400MG	—	—

TYPE OF BEARING		New Departure	Allberg	B. C. A.	Fafnir	Federal	Hoover	M. R. C.	Norma	S. K. F.
SINGLE ROW— Snap Ring & Shield (Non-Loading Groove)										
Extra Light.....		473L00	—	—	—	—	—	—	—	—
Light.....		47500	6200KG	200SL	200KDG	1200GF	7200G	200SFG	4200P	6200ZNR
Medium.....		47600	6300KG	300SL	300KDG	1300GF	7300G	300SFG	4300P	6300ZNR
Heavy.....		47700	—	—	—	—	—	—	—	—
SINGLE ROW— Snap Ring & Shield (Loading Groove)										
Light.....		47200	6200KG	1200SL	200WDG	1200MGF	M7200G	200MFG	—	200AZNR
Medium.....		47300	6300KG	1300SL	300WDG	1300MGF	M7300G	300MFG	—	300AZNR
Heavy.....		47400	—	—	—	—	—	—	—	—
SINGLE ROW— Snap Ring & Double Shield (Non-Loading Groove)										
Extra Light.....		4773L00	—	—	—	—	—	—	—	—
Light.....		477500	—	200SSL	200KDDG	—	77200G	200SFFG	—	6200-2ZNR
Medium.....		477600	—	300SSL	300KDDG	—	—	300SFFG	—	6300-2ZNR
DOUBLE ROW										
Light.....		5200	5200	—	5200K, W	5200	—	5200	—	5200
Medium.....		5300	5300	5200	5300K, W	5300	—	5300	5200K, SB	5200
Heavy.....		5400	5400	5300	5400K, W	5400	—	5400	5300K, SB	5300
DOUBLE ROW With Shield										
Light.....		5500	—	—	5200KD	—	5200F	—	—	—
Medium.....		5500W	—	—	—	FS5500	5300F	—	5200KF, SBKF	—
Heavy.....		5600	5600	5600	—	FS5600	—	—	5300F, SBKF	—
DOUBLE ROW— Double Shield										
Light.....		55500	—	—	—	—	5200FF	—	—	—
Medium.....		55500W	—	5200SS	—	FS55500	5300FF	—	5200SBKFF	—
Heavy.....		55600	—	5300SS	—	—	—	—	—	—
DOUBLE ROW— Snap Ring										
Light.....		45200	—	—	5200KG, KW	—	5200G	5200G	—	5200NR
Medium.....		45200W	—	5200L	—	—	5300G	5300G	—	5300NR
Heavy.....		45300	—	5300L	5300KG, KW	—	—	5300KG	—	5300NR
MAGNETO										
		ND5 to ND25	—	—	—	—	—	—	FB5/FBL25	E5/E17
ANGULAR CONTACT										
Extra Light.....		OL00	—	—	—	—	—	—	—	100KR
Light.....		20200	7200	7200N	7200W	7200	—	—	—	L7100
ANGULAR CONTACT										
Extra Light.....		HOL00	—	—	—	—	—	—	—	100KR
Light.....		H20200	7200	7200A	7200W	7200	—	—	—	7100
Medium.....		H20300	7300	7300A	7300W	7300	—	—	—	7200
ANGULAR CONTACT										
Light.....		30200	7200PM	7200T	7200PW	7200	—	—	—	7200
Medium.....		30300	7300PM	7300T	7300PW	7300	—	—	—	7300
FRONT WHEEL										
Assembly.....		909001	001	909001	10001	F-001	909001	001	909001	909001
Cone.....		909501	501	909501	10501	F-501	909501	501	909501	909501
Cup.....		909601	601	909601	10601	F-601	909601	601	909601	909601
Retainer.....		909701	701	909701	10701	F-701	909701	701	909701	909701

PILLOW BLOCKS

New Departure	Ahlberg	Boston Gear	Dodge	Fafnir	Hoover	Link Belt	M. R. C.	Seal Master	S. K. F.	Woods.
PAE 1/16"	SR-000	BNS, BH 1/16"	SC 1/16"	LAK, RAK 1/16"	SP-000	P-200	PB-1/16"	S-500-M NR-00	SYH-X-000 SY-000	200 1/16"