

ROLLWAY® *Journal Bearings*

Needle/Journal Bearings

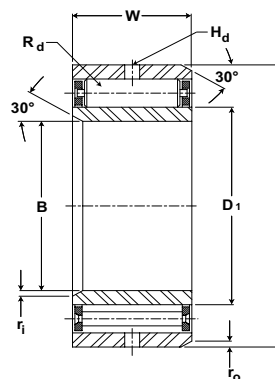


Basic Construction Type: Journal Roller Bearing

Rolling Elements: Trunion Style Cylindrical Rollers

Bearing Material: Bearing Grade Quality Steel

Retainer Type: Steel Cage With Flush Ground Ends



Journals (continued)

Complete Assembly Nomenclature	B	D	W	Recommended Shaft Diameter		Housing Bore Diameter	
	Bore Diameter	Outside Diameter	Width	Max	Min	Max	Min
	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm
D-226	5.1181 130	9.055 230	3.125 79.38	5.1204 130.06	5.1194 130.03	9.0574 230.058	9.0547 229.989
D-226-68			4.25 107.95	5.1204 130.06	5.1194 130.03	9.0574 230.058	9.0547 229.989
D-226-136			8.5 215.90	5.1204 130.06	5.1194 130.03	9.0574 230.058	9.0547 229.989
D-326		11.024 280	4.375 111.13	5.1204 130.06	5.1194 130.03	11.0263 280.068	11.0231 279.987
D-228	5.5118 140	9.843 250	3.25 82.55	5.5142 140.06	5.5131 140.03	9.845 250.063	9.8421 249.989
D-228-76			4.75 120.65	5.5142 140.06	5.5131 140.03	9.845 250.063	9.8421 249.989
D-228-152			9.5 241.3	5.5142 140.06	5.5131 140.03	9.845 250.063	9.8421 249.989
D-230	5.9055 150	10.63 270	3.5 88.90	5.9080 150.06	5.9069 150.04	10.6326 270.068	10.6295 269.989
D-230-76			4.75 120.65	5.9080 150.06	5.9069 150.04	10.6326 270.068	10.6295 269.989
D-232	6.2992 160	11.417 290	3.875 98.43	6.3019 160.07	6.3007 160.04	11.4201 290.071	11.4168 289.987
D-232-78			4.875 123.83	6.3019 160.07	6.3007 160.04	11.4201 290.071	11.4168 289.987
D-232-156			9.75 247.65	6.3019 160.07	6.3007 160.04	11.4201 290.071	11.4168 289.987
D-234-86	6.6929 170	12.205 310	5.375 136.53	6.6957 170.07	6.6944 170.04	12.2076 310.073	12.2042 309.987
D-234-172			10.75 273.05	6.6957 170.07	6.6944 170.04	12.2076 310.073	12.2042 309.987
D-236-94	7.0866 180	12.598 320	5.875 149.23	7.0895 180.07	7.0882 180.04	12.6013 320.073	12.5978 319.984
SD-240	7.8740 200	13.386 340	4.75 120.65	7.8770 200.08	7.8757 200.04	13.3888 340.076	13.3852 339.984
SD240-110			6.875 174.63	7.8770 200.08	7.8757 200.04	13.3888 340.076	13.3852 339.984
SD-244-110	8.6614 220	14.961 380	6.875 174.63	8.6644 220.08	8.6631 220.04	14.9637 380.078	14.9599 379.981

For sealed bearings, Outside diameter may be slightly oversize due to seal press fit.
Journal bearings and manufactured to the ABMA RBEC-1 tolerance class.

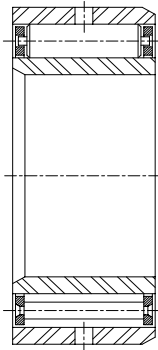
Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

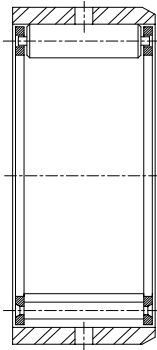
For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.

Journal Bearings **ROLLWAY®**

Needle/Journal Bearings



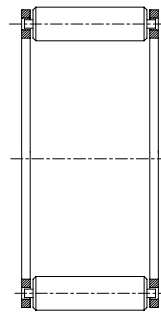
Assembly
D-XXX



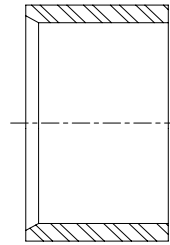
Outer Ring and
Roller Assembly
B-XXX



Outer Ring
B-XXX-70



Roller Assembly
WS-XXX



Inner Ring
E-XXX-60

Journals (continued)

D1	Rd	ri	ro	Hd	Components			Assembly Basic Dynamic Rating	Assembly Basic Static Rating	Assembly weight
				Oil Hole Dia	Componenet Nomenclature					
inch mm	inch mm	inch mm	inch mm	inch mm	Inner Ring	Outer Ring	Roller Assembly	lb/N	lb/N	lb kg
6.062 153.97	1.0000 25.40	0.156 3.96	0.187 4.75	0.562 14.27	E-226-60	B-226-70	WS-226	89,600 398,800	229,300 1,020,200	33.0 15.0
6.062 153.97	1.0000 25.40	0.156 3.96	0.187 4.75	0.562 14.27	E-226-68-60	B-226-68-70	WS-226-68	117,100 520,800	323,200 1,437,700	45.0 20.0
6.062 153.97	1.0000 25.40	0.156 3.96	0.187 4.75	0.562 14.27	E-226-136-60	B-226-136-70	WS-226-68 (X2)	200,700 893,000	646,400 2,875,500	90.0 41.0
6.5580 166.57	1.5000 38.10	0.250 6.35	0.250 6.35	0.562 14.27	E-326-60	B-326-70	WS-326	143,500 638,300	332,500 1,479,300	80.0 36.0
6.6250 168.28	1.0625 26.99	0.219 5.56	0.219 5.56	0.562 14.27	E-228-60	B-228-70	WS-228	99,000 440,500	256,400 1,140,600	43.0 20.0
6.6250 168.28	1.0625 26.99	0.219 5.56	0.219 5.56	0.562 14.27	E-228-76-60	B-228-76-70	WS-228-76	137,700 612,800	391,800 1,743,200	63.0 29.0
6.6250 168.28	1.0625 26.99	0.219 5.56	0.219 5.56	0.563 14.30	E-228-152-60	B-228-152-70	WS-228-76 (X2)	236,200 1,050,600	783,800 3,486,500	125.0 57.0
7.0620 179.37	1.1875 30.16	0.219 5.56	0.219 5.56	0.625 15.88	E-230-60	B-230-70	WS-230	128,500 571,700	341,200 1,517,700	52.0 24.0
7.0620 179.37	1.1875 30.16	0.219 5.56	0.250 6.35	0.625 15.88	E-230-76-60	B-230-76-70	WS-230-76	169,800 755,500	488,290 2,172,000	70.0 32.0
7.6250 193.68	1.2500 31.75	0.250 6.35	0.250 6.35	0.625 15.88	E-232-60	B-232-70	WS-232	149,000 662,900	407,000 1,810,700	67.0 30.0
7.6250 193.68	1.2500 31.75	0.250 6.35	0.250 6.35	0.625 15.88	E-232-78-60	B-323-78-70	WS-232-78	183,300 815,500	531,300 2,363,600	85.0 39.0
7.6250 193.68	1.2500 31.75	0.250 6.35	0.250 6.35	0.625 15.88	E-232-156-60	B-232-156-70	WS-232-78 (X2)	314,300 1,398,200	1,062,700 4,727,300	169.0 77.0
8.0620 204.77	1.3750 34.93	0.250 6.35	0.250 6.35	0.687 17.45	E-234-86-60	B-234-86-70	WS-234-86	185,900 827,300	513,800 2,285,600	108.0 49.0
8.0625 204.79	1.3750 34.93	0.250 6.35	0.250 6.35	0.688 17.48	E-234-172-60	B-234-172-70	WS-234-86 (X2)	318,900 1,418,800	1,027,100 4,569,000	217.0 99.0
8.4680 215.09	1.3750 34.93	0.250 6.35	0.250 6.35	0.687 17.45	E-236-94-60	B-236-94-70	WS-236-94	220,500 980,800	649,700 2,890,200	125.0 57.0
9.2500 234.95	1.3750 34.93	0.250 6.35	0.250 6.35	0.687 17.45	SE-240-60	SB-240-70	SWS-240	187,840 835,500	540,900 2,406,400	132.0 60.0
9.2500 234.95	1.3750 34.93	0.250 6.35	0.250 6.35	0.687 17.45	SE-240-110-60	SB-240-110-70	SWS-240-110	261,900 1,165,000	842,100 3,746,100	190.0 86.0
10.4370 265.10	1.3750 34.93	0.250 6.35	0.250 6.35	0.687 17.45	SE-244-110-60	SB-244-110-70	SWS-244-110	272,700 1,213,200	888,900 3,954,400	137.0 62.0