

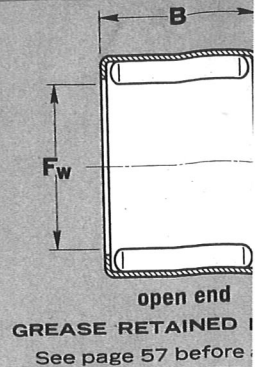
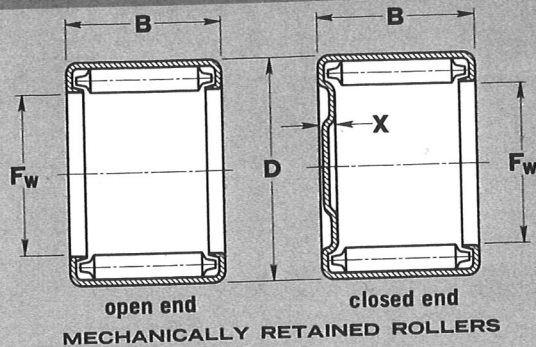
TORRINGTON

BEARING DIMENSIONS

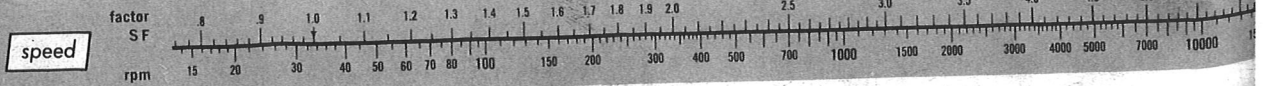
Before ordering any bearing, check for availability.

Metric-inch conversions given are for the convenience of the user. The controlling dimensions are in millimetres for nominal metric bearings and in inches for nominal inch bearings.

FULL COMPLEMENT NEEDLE ROLLER BEARING



F _w bore (nom.)		D o.d. (nom.)		B width		bearing designation	C _r basic dynamic load rating	C ₀ basic static load rating	X end thickness (max.)	limiting speed all full complement bearings rpm	bearing design- ation	C _r basic dynar load rating
mm	inch	mm	inch	mm	inch							
22	.87	28	1.10	10	.394	F-2210 MF-2210	1420 1910	1920	2,2 .09	4170	—	—
22	.87	28	1.10	12	.472	F-2212 MF-2212	1820 2450	2650	2,2 .09	4170	—	—
22	.87	28	1.10	16	.630	F-2216 MF-2216	2560 3460	4110	2,2 .09	4170	FY-2216	2750
22	.87	28	1.10	20	.787	F-2220 MF-2220	3250 4390	5570	2,2 .09	4170	—	—
22,22	7/8	28,58	1 1/8	9,52	.375	B-146 M-1461	1470 1990	1830	2,3 .09	4800	—	—
22,22	7/8	28,58	1 1/8	12,70	.500	B-148 M-1481	2170 2920	3020	2,3 .09	4800	Y-148	2280
22,22	7/8	28,58	1 1/8	19,05	.750	B-1412 M-14121	3420 4610	5400	2,3 .09	4800	Y-1412	3460
22,22	7/8	28,58	1 1/8	25,40	1.000	B-1416 M-14161	4540 6140	7780	2,3 .09	4800	Y-1416	4530
22,22	7/8	28,58	1 1/8	28,58	1.125	B-1418 —	5070 6840	8970	— —	4800	—	—
22,22	7/8	30,16	1 3/16	15,88	.625	BH-1410 MH-14101	2890 3910	3880	2,8 .11	5500	—	—
22,22	7/8	30,16	1 3/16	19,05	.750	BH-1412 MH-14121	3570 4810	5100	2,8 .11	5500	YH-1412	3700
22,22	7/8	30,16	1 3/16	25,40	1.000	BH-1416 MH-14161	4690 6340	7240	2,8 .11	5500	—	—
23,81	15/16	30,16	1 3/16	12,70	.500	B-158 —	2260 3060	3210	— —	4500	—	—
23,81	15/16	30,16	1 3/16	25,40	1.000	B-1516 M-15161	4720 6390	8280	2,3 .09	4500	—	—
24	.94	32	1.26	13	.512	NFH-2413 —	2420 3260	3080	— —	5560	—	—
25	.98	32	1.26	16	.630	F-2516 MF-2516	3010 4050	4460	2,5 .10	4690	—	—
25	.98	32	1.26	20	.787	F-2520 MF-2520	3860 5200	6150	2,5 .10	4690	—	—
25	.98	32	1.26	26	1.024	F-2526 MF-2526	5040 6800	8670	2,5 .10	4690	—	—
25,40	1	31,75	1 1/4	9,52	.375	B-166 —	1590 2150	2060	— —	4300	—	—
25,40	1	31,75	1 1/4	11,13	.438	B-167 M-1671	1980 2680	2730	2,3 .09	4300	—	—
25,40	1	31,75	1 1/4	12,70	.500	B-168 M-1681	2350 3170	3410	2,3 .09	4300	Y-168	2470
25,40	1	31,75	1 1/4	15,88	.625	B-1610 M-16101	3040 4100	4750	2,3 .09	4300	—	—
25,40	1	31,75	1 1/4	19,05	.750	B-1612 M-16121	3690 5000	6100	2,3 .09	4300	Y-1612	3740
25,40	1	31,75	1 1/4	25,40	1.000	B-1616 M-16161	4900 6610	8780	2,3 .09	4300	Y-1616	4900
25,40	1	33,34	1 3/16	12,70	.500	BH-168 MH-1681	2320 3150	3000	2,8 .11	5200	YH-168	2670
25,40	1	33,34	1 3/16	15,88	.625	BH-1610 —	3120 4210	4370	— —	5200	—	—
25,40	1	33,34	1 3/16	19,05	.750	BH-1612 MH-16121	3850 5200	5740	2,8 .11	5200	YH-1612	4150
25,40	1	33,34	1 3/16	22,22	.875	BH-1614 —	4550 6140	7110	— —	5200	—	—
25,40	1	33,34	1 3/16	25,40	1.000	BH-1616 MH-16161	5220 7060	8480	2,8 .11	5200	YH-1616	5500
25,40	1	33,34	1 3/16	31,75	1.250	BH-1620 —	6500 8780	11200	— —	5200	—	—
25,40	1	33,34	1 3/16	38,10	1.500	BH-1624 MH-16241	7700 10400	14000	2,8 .11	5200	—	—



Load ratings are given in pounds-force: 1 lbf = 0,454 kgf = 4.448 N
 Required Basic Dynamic Load Rating (C_r) = Applied Load • SF • LF • HF (see page 52).

Aircraft Static Capacity = 1.6 C_r

Symbol denotes Torrington Basic Dynamic Load Rating which should be used in load-life calculations. Applications involving dynamic loads approaching these ratings should be referred to our Engineering Department before final selection is made.