

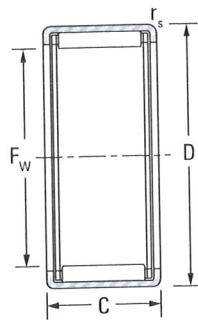


NEEDLE ROLLER BEARINGS

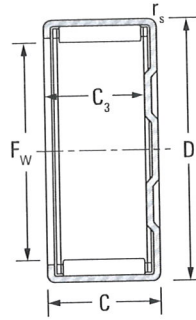
DRAWN CUP NEEDLE ROLLER BEARINGS

**CAGED,
OPEN ENDS,
CLOSED ONE END**

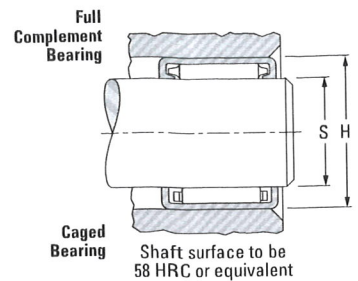
**METRIC SERIES
HK, BK SERIES**



HK



BK



Shaft Dia.	F _w	D	C		C ₃ min.	r _s min.	Bearing Designation		Load Ratings		Fatigue Load Limit C _u	Speed Ratings		Approx. Wt.	Mounting Dimensions				Inspection gage	Mounting inner ring (pages B-2-28 to B-2-37)
			+0	+0.000			Open Ends	Closed One End	C	C ₀		Grease	Oil		Shaft (h5)		Housing (N6)			
			-0.3	-0.012											Max.	Min.	Max.	Min.		
3 0.1181	3 0.1181	6.5 0.2559	6 0.236	5.20 0.205	0.30 0.012	—	BK0306	1.20 270	0.78 180	0.130	30000	46000	0.001 0.002	3.000 0.1181	2.996 0.118	6.493 0.2556	6.484 0.2553	Table B2-2		
	3 0.1181	6.5 0.2559	6 0.236	—	0.30 0.012	HK0306	—	1.20 270	0.78 180	0.130	30000	46000	0.001 0.002	3.000 0.1181	2.996 0.118	6.493 0.2556	6.484 0.2553	Table B2-2		
4 0.1575	4 0.1575	8 0.3150	8 0.315	6.40 0.252	0.40 0.016	—	BK0408	1.88 423	1.38 310	0.200	25000	39000	0.002 0.004	4.000 0.1575	3.995 0.1573	7.993 0.3147	7.984 0.3143	Table B2-2		
	4 0.1575	8 0.3150	8 0.315	—	0.40 0.016	HK0408	—	1.88 420	1.38 310	0.200	25000	39000	0.002 0.004	4.000 0.1575	3.995 0.1573	7.993 0.3147	7.984 0.3143	Table B2-2		
5 0.1969	5 0.1969	9 0.3543	9 0.354	7.40 0.291	0.40 0.016	—	BK0509	2.52 570	2.07 470	0.320	23000	36000	0.002 0.004	5.000 0.1969	4.995 0.1967	8.993 0.3541	8.984 0.3537	Table B2-2		
	5 0.1969	9 0.3543	9 0.354	—	0.40 0.016	HK0509	—	2.52 570	2.07 470	0.320	23000	36000	0.002 0.004	5.000 0.1969	4.995 0.1967	8.993 0.3541	8.984 0.3537	Table B2-2		
6 0.2362	6 0.2362	10 0.3937	8 0.315	6.40 0.252	0.40 0.016	—	BK0608	2.34 530	1.95 440	0.290	22000	33000	0.002 0.004	6.000 0.2362	5.995 0.236	9.993 0.3934	9.984 0.3931	Table B2-2		
	6 0.2362	10 0.3937	8 0.315	—	0.40 0.016	HK0608	—	2.34 530	1.95 440	0.290	22000	33000	0.002 0.004	6.000 0.2362	5.995 0.236	9.993 0.3934	9.984 0.3931	Table B2-2		
	6 0.2362	10 0.3937	9 0.354	7.40 0.291	0.40 0.016	—	BK0609	3.14 710	2.85 640	0.290	22000	33000	0.003 0.007	6.000 0.2362	5.995 0.236	9.993 0.3934	9.984 0.3931	Table B2-2		
	6 0.2362	10 0.3937	9 0.354	—	0.40 0.016	HK0609	—	3.14 710	2.85 640	0.290	22000	33000	0.002 0.004	6.000 0.2362	5.995 0.236	9.993 0.3934	9.984 0.3931	Table B2-2		
7 0.2756	7 0.2756	11 0.4331	9 0.354	7.40 0.291	0.40 0.016	—	BK0709	3.23 730	3.05 690	0.470	21000	32000	0.003 0.007	7.000 0.2756	6.994 0.2754	10.991 0.4327	10.980 0.4323	Table B2-2		
	7 0.2756	11 0.4331	9 0.354	—	0.40 0.016	HK0709	—	3.23 730	3.05 690	0.470	21000	32000	0.003 0.007	7.000 0.2756	6.994 0.2754	10.991 0.4327	10.980 0.4323	Table B2-2		