

Shanghai Tonsor Machinery Company is specialized in Needle Bearings. The products are widely used in textile machinery, printing machinery, tobacco machinery, construction machinery, sewing machinery, food processing machinery, packaging machinery, motorcycle, moped, electric tools, automobile, office equipment, automatic washing machines, mining machinery and other fields.

Production type:

Drawn Cup Needle Roller Bearings (HK, BK, HMK/TA/TAM, SCE, HF, HFL)

Needle Roller & Cage Assemblies (K, KBK, KZK)

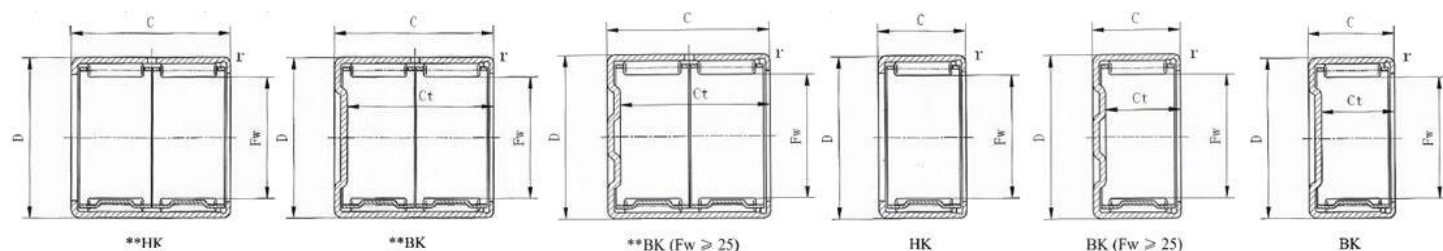
Needle Roller Bearings (Machine) (NK, NKI, NKS, NKIS, NA, RNA, RNA-RS, RNA-2RS)

Needle Roller Thrust Bearing (AXK, NTA)



Drawn Cup Needle Roller Bearings

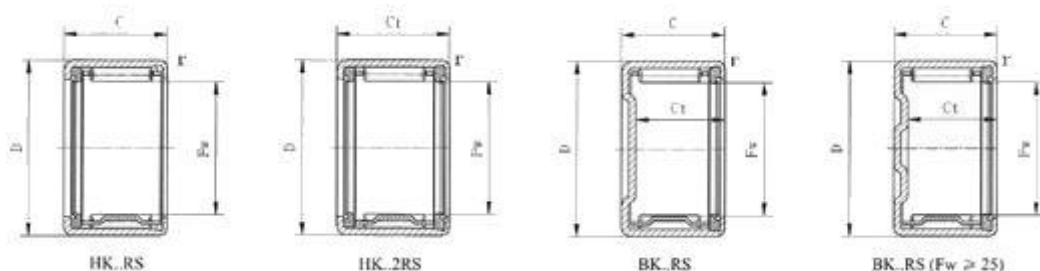
HK/BK



Bearing No.		Boundary Dimensions (mm)					Basic Load Rating (KN)		Limited Speed	Mass
Open ends	Closed end	Fw	D	C	Ct	r min	C	Co	rpm	kg
HK0306TN	BK0306TN	3	6.5	6	5.2	0.3	0.984	0.672	36800	0.001
HK0408TN	BK0408TN	4	8.0	8	6.4	0.3	1.424	1.048	32800	0.002
HK0509	BK0509	5	9.0	9	7.4	0.4	1.920	1.592	30400	0.002
HK0608		6	10.0	8	-	0.4	1.624	1.320	28000	0.002
HK0609	BK0609	6	10.0	9	7.4	0.4	2.280	2.080	28000	0.003
HK0709	BK0709	7	11.0	9	7.4	0.4	2.480	2.360	24800	0.003
HK0808	BK0808	8	12.0	8	6.4	0.4	2.200	2.080	22400	0.003
HK0810	BK0810	8	12.0	10	8.4	0.4	3.040	3.160	22400	0.003
HK0908		9	13.0	8	-	0.4	2.840	3.000	20000	0.003
HK0910	BK0910	9	13.0	10	8.4	0.4	3.400	3.720	20000	0.004
HK0912	BK0912	9	13.0	12	10.4	0.4	4.240	5.040	20000	0.005
HK1010	BK1010	10	14.0	10	8.4	0.4	3.520	4.080	18400	0.004
HK1012	BK1012	10	14.0	12	10.4	0.4	4.400	5.440	18400	0.005
HK1015	BK1015	10	14.0	15	13.4	0.4	5.440	7.040	18400	0.006
HK1210	BK1210	12	16.0	10	8.4	0.4	3.960	4.960	16000	0.005
HK1212	BK1212	12	18.0	12	9.3	0.8	5.200	5.840	15200	0.010
HK1312	BK1312	13	19.0	12	9.3	0.8	5.440	6.320	14400	0.011
HK1412	BK1412	14	20.0	12	9.3	0.8	5.680	6.800	12800	0.012
HK1512	BK1512	15	21.0	12	9.3	0.8	6.320	7.520	12800	0.013
HK1516	BK1516	15	21.0	16	13.3	0.8	8.400	11.520	12800	0.017
**HK1522		15	21.0	22	-	0.8	10.720	15.600	12800	0.020
HK1612	BK1612	16	22.0	12	9.3	0.8	6.080	7.760	12000	0.014
HK1616	BK1616	16	22.0	16	13.3	0.8	8.720	12.240	12000	0.018
**HK1622	**BK1622	16	22.0	22	19.3	0.8	10.480	15.520	12000	0.024
HK1712		17	23.0	12	-	0.8	6.320	8.240	11200	0.012
HK1812	BK1812	18	24.0	12	9.3	0.8	6.480	8.720	10400	0.015
HK1816	BK1816	18	24.0	16	13.3	0.8	9.280	13.840	10400	0.020
HK2010		20	26.0	10	-	0.8	5.120	6.560	9600	0.012

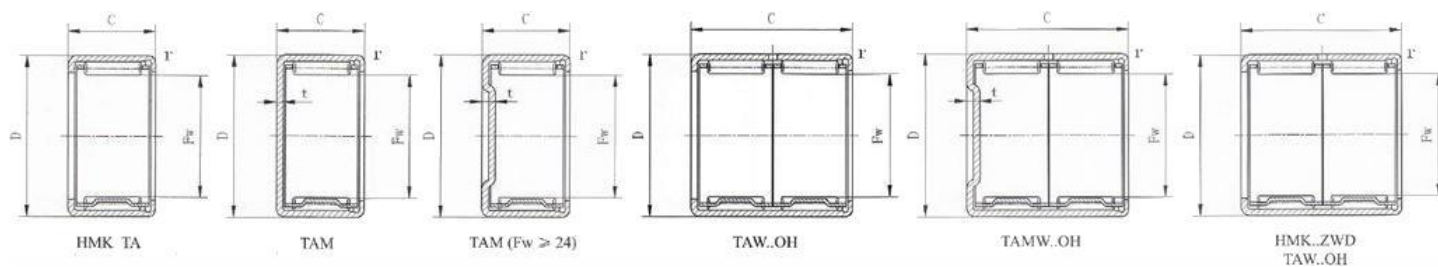
HK2012		20	26.0	12	-	0.8	6.880	9.680	9600	0.014
HK2016	BK2016	20	26.0	16	13.3	0.8	10.160	16.080	9600	0.022
HK2020	BK2020	20	26.0	20	17.3	0.8	12.560	20.800	9600	0.027
**HK2030		20	26.0	30	-	0.8	17.440	32.000	9600	0.035
HK2210		22	28.0	10	-	0.8	6.000	8.400	8800	0.013
HK2212	BK2212	22	28.0	12	9.3	0.8	7.280	10.720	8800	0.018
HK2216	BK2216	22	28.0	16	13.3	0.8	10.720	17.680	8800	0.024
HK2220		22	28.0	20	-	0.8	13.200	23.200	8800	0.026
HK2512		25	32.0	12	-	0.8	8.800	12.160	8000	0.020
HK2516		25	32.0	16	-	0.8	12.480	19.200	8000	0.027
HK2520	BK2520	25	32.0	20	17.3	0.8	15.920	26.400	8000	0.038
HK2526	BK2526	25	32.0	26	23.3	0.8	20.400	36.000	8000	0.048
**HK2538	**BK2538	25	32.0	38	35.3	0.8	27.200	52.800	8000	0.068
HK2816		28	35.0	16	-	0.8	13.120	21.200	7200	0.029
HK2820		28	35.0	20	-	0.8	16.720	28.800	7200	0.036
HK3012	BK3012	30	37.0	12	9.3	0.8	9.680	14.560	6800	0.028
HK3016	BK3016	30	37.0	16	13.3	0.8	13.760	23.200	6800	0.038
HK3020	BK3020	30	37.0	20	17.3	0.8	17.600	31.600	6800	0.047
HK3026	BK3026	30	37.0	26	23.3	0.8	22.400	43.200	6800	0.058
**HK3038	**BK3038	30	37.0	38	35.5	0.8	30.000	63.200	6800	0.084
HK3512		35	42.0	12	-	0.8	10.480	17.040	6000	0.027
HK3516		35	42.0	16	-	0.8	14.960	26.800	6000	0.036
HK3520	BK3520	35	42.0	20	17.3	0.8	19.040	36.800	6000	0.053
HK4012		40	47.0	12	-	0.8	11.200	19.440	5200	0.030
HK4016		40	47.0	16	-	0.8	16.000	30.800	5200	0.039
HK4020	BK4020	40	47.0	20	17.3	0.8	20.400	41.600	5200	0.062
HK4512		45	52.0	12	-	0.8	11.920	22.000	4800	0.033
HK4516		45	52.0	16	-	0.8	17.040	34.400	4800	0.046
HK4520	BK4520	45	52.0	20	17.3	0.8	21.600	47.200	4800	0.072
HK5020		50	58.0	20	-	0.8	24.800	50.400	4000	0.070
HK5025		50	58.0	25	-	0.8	30.800	67.200	4000	0.090
HK5520		55	63.0	20	-	0.8	25.200	53.600	3760	0.074
HK5528		55	63.0	28	-	0.8	35.200	82.400	3760	0.105
HK6012		60	68.0	12	-	0.8	13.920	25.600	3520	0.049
HK6020		60	68.0	20	-	0.8	26.800	60.000	3520	0.081
HK6032		60	68.0	32	-	0.8	42.400	108.000	3520	0.136

HK...RS/BK...RS/HK...2RS



Bearing No.			Boundary Dimensions (mm)						Basic Load Rating (KN)		Limited Speed	Mass
Open ends	Closed end	Closed end	Fw	D	C	C1	Ct	r min	C	Co	rpm	kg
HK0810RS		HK0812.2RS	8	12	10	12	-	0.4	2.20	2.08	16000	0.003
HK1012RS		HK1014.2RS	10	14	12	14	-	0.4	3.52	4.08	13600	0.005
HK1214RS	BK1214RS	HK1216.2RS	12	18	14	16	-	0.8	5.20	5.84	11200	0.011
HK1414RS	BK1414RS	HK1416.2RS	14	20	14	16	11.3	0.8	5.68	6.80	9600	0.013
HK1514RS	BK1514RS	HK1516.2RS	15	21	14	16	-	0.8	6.24	7.84	8800	0.015
HK1518RS		HK1520.2RS	15	21	18	20	-	0.8	8.40	11.52	8800	0.018
HK1614RS	BK1614RS	HK1616.2RS	16	22	14	16	11.3	0.8	6.08	7.76	8800	0.014
		HK1620.2RS	16	22	-	20	-	0.8	8.72	12.24	8800	0.018
HK1814RS	BK1814RS	HK1816.2RS	18	24	14	16	-	0.8	6.48	8.72	7600	0.015
		HK2016.2RS	20	26	-	16	-	0.8	6.88	9.68	6800	0.018
HK2018RS	BK2018RS	HK2020.2RS	20	26	18	20	15.3	0.8	10.16	16.08	6800	0.023
HK2214RS		HK2216.2RS	22	28	14	16	-	0.8	7.28	10.72	6400	0.018
HK2218RS	BK2218RS	HK2220.2RS	22	28	18	20	-	0.8	10.12	17.68	6400	0.026
		HK2516.2RS	25	32	-	16	-	0.8	8.80	12.16	5600	0.027
HK2518RS	BK2518RS	HK2520.2RS	25	32	18	20	15.3	0.8	12.48	19.20	5600	0.031
		HK2524.2RS	25	32	-	24	-	0.8	15.92	26.40	5600	0.040
		HK2530.2RS	25	32	-	30	-	0.8	20.40	36.00	5600	0.047
HK2818RS		HK2820.2RS	28	35	18	20	-	0.8	13.12	21.20	4800	0.034
		HK3016.2RS	30	37	-	16	-	0.8	9.68	14.56	4800	0.031
HK3018RS	BK3018RS	HK3020.2RS	30	37	18	20	-	0.8	13.76	23.20	4800	0.036
		HK3024.2RS	30	37	-	24	-	0.8	17.60	31.60	4800	0.044
		HK3516.2RS	35	42	-	16	-	0.8	10.48	17.04	4000	0.032
HK3518RS	BK3518RS	HK3520.2RS	35	42	18	20	-	0.8	14.96	26.80	4000	0.041
		HK4016.2RS	40	47	-	16	-	0.8	11.20	19.44	3600	0.037
HK4018RS	BK4018RS	HK4020.2RS	40	47	18	20	-	0.8	16.00	30.80	3600	0.048
HK4518RS	BK4518RS	HK4520.2RS	45	52	18	20	-	0.8	17.04	34.40	3600	0.054
HK5022RS	BK5022RS	HK5024.2RS	50	58	22	24	-	0.8	24.80	50.40	2880	0.081

HMK/TA/TAM



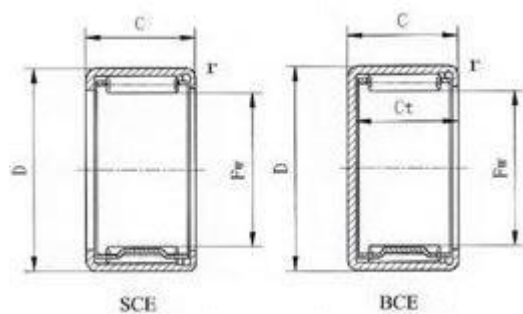
Bearing No.			Boundary Dimensions (mm)				Basic Load Rating (KN)		Limited Speed	Mass
Open ends		Closed end	Fw	D	C	t	C	Co	rpm	kg
HMK0810	TA0810	TAM0810	8	15	10	1.3	3.04	2.30	24000	0.007
HMK0815	TA0815	TAM0815	8	15	15	1.3	5.28	4.64	24000	0.010
HMK0820	TA0820	TAM0820	8	15	20	1.3	7.24	7.00	24000	0.013
HMK0912	TA0912	TAM0912	9	16	12	1.3	4.24	3.56	21600	0.009
HMK0916	TA0916	TAM0916	9	16	16	1.3	5.92	5.48	21600	0.012
HMK1010	TA1010	TAM1010	10	17	10	1.3	3.40	2.76	19200	0.009
HMK1012	TA1012	TAM1012	10	17	12	1.3	4.48	3.88	19200	0.010
HMK1015	TA1015	TAM1015	10	17	15	1.3	5.92	5.56	19200	0.012
HMK1020	TA1020	TAM1020	10	17	20	1.3	8.16	8.40	19200	0.016
HMK1212	TA1212	TAM1212	12	19	12	1.3	5.68	5.52	16000	0.012
HMK1215	TA1215	TAM1215	12	19	15	1.3	7.52	7.92	16000	0.014
HMK1220	TA1220	TAM1220	12	19	20	1.3	9.84	11.20	16000	0.018
HMK1225	TA1225	TAM1225	12	19	25	1.3	12.24	14.88	16000	0.023
HMK1416	TA1416	TAM1416	14	22	16	1.3	8.56	9.84	24000	0.020
HMK1420	TA1420	TAM1420	14	22	20	1.3	11.28	14.08	24000	0.024
HMK1510	TA1510	TAM1510	15	22	10	1.3	4.88	4.80	12800	0.012
HMK1512	TA1512	TAM1512	15	22	12	1.3	6.72	7.24	12800	0.014
HMK1515	TA1515	TAM1515	15	22	15	1.3	8.72	10.16	12800	0.017
HMK1520	TA1520	TAM1520	15	22	20	1.3	11.92	15.12	12800	0.023
HMK1525	TA1525	TAM1525	15	22	25	1.3	14.80	20.00	12800	0.027
HMK1616	TA1616	TAM1616	16	24	16	1.3	9.04	10.80	20000	0.022
HMK1620	TA1620	TAM1620	16	24	20	1.3	11.92	15.52	20000	0.027
HMK1715	TA1715	TAM1715	17	24	15	1.3	9.68	12.00	11200	0.020
HMK1720	TA1720	TAM1720	17	24	20	1.3	12.40	16.56	11200	0.025
HMK1725	TA1725	TAM1725	17	24	25	1.3	15.44	21.92	11200	0.031
HMK1813	TA1813	TAM1813	18	25	13	1.3	8.16	9.76	10400	0.019
HMK1815	TA1815	TAM1815	18	25	15	1.3	9.60	12.08	10400	0.021
HMK1817	TA1817	TAM1817	18	25	17	1.3	11.04	14.40	10400	0.023
HMK1819	TA1819	TAM1819	18	25	19	1.3	12.40	16.72	10400	0.026
HMK1820	TA1820	TAM1820	18	25	20	1.3	13.04	17.84	10400	0.027

HMK1825	TA1825	TAM1825	18	25	25	1.3	16.24	23.68	10400	0.033
HMK1916	TA1916	TAM1916	19	27	16	1.3	11.12	13.04	10400	0.026
HMK1920	TA1920	TAM1920	19	27	20	1.3	14.00	17.68	10400	0.031
HMK2015	TA2015	TAM2015	20	27	15	1.3	10.40	13.84	9600	0.023
HMK2020	TA2020	TAM2020	20	27	20	1.3	14.16	20.48	9600	0.029
HMK2025	TA2025	TAM2025	20	27	25	1.3	17.60	27.20	9600	0.036
HMK2030	TA2030	TAM2030	20	27	30	1.3	20.88	33.60	9600	0.042
	TA202820	TAM202820	20	28	20	1.3	13.76	19.76	16000	0.033
HMK2116	TA2116	TAM2116	21	29	16	1.3	12.24	15.28	8800	0.028
HMK2120	TA2120	TAM2120	21	29	20	1.3	15.52	20.64	8800	0.035
HMK2210	TA2210	TAM2210	22	29	10	1.3	6.72	8.08	8800	0.018
HMK2215	TA2215	TAM2215	22	29	15	1.3	10.72	14.80	8800	0.025
HMK2220	TA2220	TAM2220	22	29	20	1.3	14.56	21.92	8800	0.032
HMK2225	TA2225	TAM2225	22	29	25	1.3	18.88	30.80	8800	0.039
HMK2230	TA2230	TAM2230	22	29	30	1.3	21.52	36.00	8800	0.046
	TA223016	TAM223016	22	30	16	1.3	10.80	14.80	14400	0.029
	TA223020	TAM223020	22	30	20	1.3	14.32	21.28	14400	0.036
HMK2420	TA2420	TAM2420	24	31	20	3.4	15.04	23.36	8000	0.035
HMK2428	TA2428	TAM2428	24	31	28	3.4	20.80	35.60	8000	0.047
	TA243216	TAM243216	24	32	16	3.4	11.60	16.72	12800	0.032
	TA243220	TAM243220	24	32	20	3.4	15.36	24.00	12800	0.039
HMK2510	TA2510	TAM2510	25	33	10	3.4	7.32	8.32	7600	0.023
HMK2515	TA2515	TAM2515	25	33	15	3.4	12.64	16.80	7600	0.033
HMK2520	TA2520	TAM2520	25	33	20	3.4	17.44	25.20	7600	0.041
HMK2525	TA2525	TAM2525	25	33	25	3.4	21.36	32.80	7600	0.049
HMK2530	TA2530	TAM2530	25	33	30	3.4	26.00	42.40	7600	0.058
HMK2616	TA2616	TAM2616	26	34	16	3.4	13.68	18.72	7200	0.035
HMK2620	TA2620	TAM2620	26	34	20	3.4	17.28	25.20	7200	0.043
HMK2820	TA2820	TAM2820	28	37	20	3.4	18.88	26.00	6800	0.050
HMK2830	TA2830	TAM2830	28	37	30	3.4	28.00	43.60	6800	0.073
HMK2920	TA2920	TAM2920	29	38	20	3.4	19.68	28.00	6800	0.052
HMK2930	TA2930	TAM2930	29	38	30	3.4	27.60	43.20	6800	0.076
HMK3013	TA3013	TAM3013	30	40	13	3.4	11.28	13.68	6400	0.043
HMK3015	TA3015	TAM3015	30	40	15	3.4	13.68	17.68	6400	0.048
HMK3020	TA3020	TAM3020	30	40	20	3.4	19.36	27.60	6400	0.060
HMK3025	TA3025	TAM3025	30	40	25	3.4	24.80	37.60	6400	0.074
HMK3030	TA3030	TAM3030	30	40	30	3.4	28.80	46.00	6400	0.086
HMK3220	TA3220	TAM3220	32	42	20	3.4	22.00	30.40	6000	0.064
HMK3230	TA3230	TAM3230	32	42	30	3.4	33.20	51.60	6000	0.098
HMK3512	TA3512	TAM3512	35	45	12	3.4	11.92	14.08	5600	0.046
HMK3515	TA3515	TAM3515	35	45	15	3.4	16.16	20.96	5600	0.056

HMK3520	TA3520	TAM3520	35	45	20	3.4	22.72	32.40	5600	0.070
HMK3525	TA3525	TAM3525	35	45	25	3.4	28.80	43.60	5600	0.086
HMK3530	TA3530	TAM3530	35	45	30	3.4	34.40	55.20	5600	0.105
HMK3720	TA3720	TAM3720	37	47	20	3.4	23.44	34.40	5200	0.073
HMK3730	TA3730	TAM3730	37	47	30	3.4	35.60	58.40	5200	0.110
HMK3815	TA3815	TAM3815	38	48	15	3.4	17.36	23.44	5200	0.060
HMK3820	TA3820	TAM3820	38	48	20	3.4	24.40	36.00	5200	0.075
HMK3825	TA3825	TAM3825	38	48	25	3.4	30.80	48.80	5200	0.096
HMK3830	TA3830	TAM3830	38	48	30	3.4	36.80	61.60	5200	0.114
**HMK3845ZWD	**TA3845	**TAM3845	38	48	45	3.4	49.60	90.40	5200	0.159
HMK4015	TA4015	TAM4015	40	50	15	3.4	18.48	26.00	4800	0.064
HMK4020	TA4020	TAM4020	40	50	20	3.4	26.00	40.00	4800	0.079
HMK4025	TA4025	TAM4025	40	50	25	3.4	32.80	54.00	4800	0.102
HMK4030	TA4030	TAM4030	40	50	30	3.4	39.20	68.00	4800	0.120
**HMK4040ZWD	TA4040	TAM4040	40	50	40	3.4	46.80	85.60	4800	0.154
HMK4520	TA4520	TAM4520	45	55	20	3.4	26.40	42.40	4400	0.090
HMK4525	TA4525	TAM4525	45	55	25	3.4	33.20	57.20	4400	0.115
HMK4530	TA4530	TAM4530	45	55	30	3.4	39.60	72.00	4400	0.135
**HMK4540ZWD	TA4540	TAM4540	45	55	40	3.4	47.60	90.40	4400	0.174
HMK5012	TA5012	TAM5012	50	62	12	3.4	14.56	18.88	3840	0.078
HMK5015	TA5015	TAM5015	50	62	15	3.4	20.72	29.60	3840	0.099
HMK5020	TA5020	TAM5020	50	62	20	3.4	30.00	48.00	3840	0.123
HMK5025	TA5025	TAM5025	50	62	25	3.4	38.40	66.00	3840	0.150
HMK5030	TA5030	TAM5030	50	62	30	3.4	46.80	84.00	3840	0.178
**HMK5040ZWD	TA5040	TAM5040	50	62	40	3.4	56.00	107.20	3840	0.230
**HMK5045ZWD	**TAW5045	**TAMW5045	50	62	45	3.4	63.20	124.80	3840	0.245
	(TA5520)	(TAM5520)	55	67	20	3.4	32.32	56.80	4400	0.136
	(TA5525)	(TAM5525)	55	67	25	3.4	41.76	79.04	4400	0.165
	(TA5530)	(TAM5530)	55	67	30	3.4	50.56	100.80	4400	0.195
	(TA5540)	(TAM5540)	55	67	40	3.4	65.28	140.00	4400	0.250
	(**TAW5545)	(**TAMW5545)	55	67	45	3.4	65.20	140.00	4400	0.270
	(**TAW5550)	(**TAMW5550)	55	67	50	3.4	74.64	167.20	4000	0.300
	(TA6025)	(TAM6025)	60	72	25	3.4	44.56	88.80	4000	0.182
	(TA6030)	(TAM6030)	60	72	30	3.4	54.08	113.60	4000	0.215
	(TA6040)	(TAM6040)	60	72	40	3.4	69.92	157.60	4000	0.275
	(**TAW6045)	(**TAMW6045)	60	72	45	3.4	69.68	156.80	4000	0.295
	(**TAW6050)	(**TAMW6050)	60	72	50	3.4	79.76	186.40	4000	0.330
	(TA6212)	(TAM6212)	62	74	12	3.4	16.40	24.72	3600	0.107
	(TA6525)	(TAM6525)	65	77	25	3.4	46.08	95.20	3200	0.197
	(TA6530)	(TAM6530)	65	77	30	3.4	55.84	121.60	3200	0.230
	(**TAW6545)	(**TAMW6545)	65	77	45	3.4	72.00	168.80	3200	0.315

	(**TAW6550)	(**TAMW6550)	65	77	50	3.4	82.40	200.80	3200	0.355
	(TA7025)	(TAM7025)	70	82	25	3.4	47.68	101.60	2800	0.215
	(TA7030)	(TAM7030)	70	82	30	3.4	57.84	129.60	2800	0.250
	(TA7040)	(TAM7040)	70	82	40	3.4	75.04	181.60	2800	0.320
	(**TAW7050)	(**TAMW7050)	70	82	50		85.60	214.40	2800	0.380

SCE/BCE

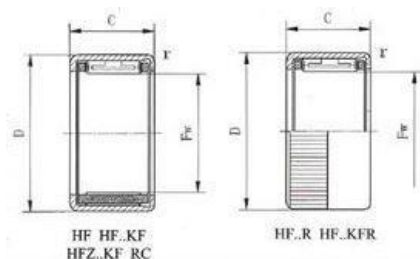


Bearing No.		Boundary Dimensions (mm)				Basic Load Rating		Limited Speed
Open ends	Closed end	Fw	D	C	Ct	C	Co	rpm
SCE24TN	BCE24TN	3.18	6.35	6.35	5.334	0.580	0.288	56000
SCE2-1/2-4TN	BCE2-1/2-4TN	3.97	7.15	6.35	5.334	0.670	0.338	56000
SCE34TN	BCE34TN	4.76	8.73	6.35	5.080	1.206	0.666	56000
SCE36TN	BCE36TN	4.76	8.73	9.53	8.382	1.944	1.242	56000
SCE44	BCE44	6.35	11.11	6.35	4.826	1.134	1.134	44000
SCE45	BCE45	6.35	11.11	7.93	6.604	1.764	1.044	44000
SCE47	BCE47	6.35	11.11	11.13	9.652	2.880	1.944	44000
SCE55	BCE55	7.94	12.70	7.93	6.604	2.052	1.260	35200
SCE57	BCE57	7.94	12.70	11.13	9.652	3.312	2.340	35200
SCE59	BCE59	7.94	12.70	14.27	12.700	4.176	3.168	35200
SCE65	BCE65	9.53	14.29	7.93	6.604	2.160	1.368	29600
SCE66	BCE66	9.53	14.29	9.53	8.128	2.736	1.836	29600
SCE67	BCE67	9.53	14.29	11.13	9.652	36.220	2.530	29600
SCE68	BCE68	9.53	14.29	12.70	11.176	4.068	3.096	29600
SCE610	BCE610	9.53	14.29	15.88	14.478	5.184	4.248	29600
SCE78	BCE78	11.11	15.88	12.70	11.176	4.500	3.564	24800
SCE710	BCE710	11.11	15.88	15.88	14.478	5.328	4.572	24800
SCE85	BCE85	12.70	17.46	7.93	6.604	2.556	1.782	21600
SCE86	BCE86	12.70	17.46	9.53	8.128	3.240	2.412	21600
SCE87	BCE87	12.70	17.46	11.13	9.652	4.140	3.312	21600
SCE88	BCE88	12.70	17.46	12.70	11.176	4.608	3.852	21600
SCE810	BCE810	12.70	17.46	15.88	14.478	6.192	5.544	21600
SCE812	BCE812	12.70	17.46	19.05	17.526	6.948	6.408	21600
SCE95	BCE95	14.29	19.05	7.93	6.604	2.700	1.980	19200
SCE96	BCE96	14.29	19.05	9.53	8.128	3.636	2.844	19200
SCE97	BCE97	14.29	19.05	11.13	9.652	4.356	3.708	19200
SCE98	BCE98	14.29	19.05	12.70	11.176	5.400	4.752	19200

SCE910	BCE910	14.29	19.05	15.88	14.478	6.624	6.192	19200
SCE912	BCE912	14.29	19.05	19.05	17.526	8.280	8.244	19200
SCE105	BCE105	15.88	20.64	7.93	6.604	3.024	4.160	14080
SCE107	BCE107	15.88	20.64	11.13	9.652	4.644	7.440	14080
SCE107-1/2	BCE107-1/2	15.88	20.64	11.91	10.414	5.004	8.240	14080
SCE108	BCE108	15.88	20.64	12.70	11.176	5.724	9.600	14080
SCE1010	BCE1010	15.88	20.64	15.88	14.478	7.308	13.040	14080
SCE1012	BCE1012	15.88	20.64	19.05	17.526	8.496	15.760	14080
SCE116	BCE116	17.46	22.23	9.53	8.128	4.032	4.740	12800
SCE118	BCE118	17.46	22.23	12.70	11.176	6.048	10.560	12800
SCE1110	BCE1110	17.46	22.23	15.88	14.478	7.380	14.400	12800
SCE1112	BCE1112	17.46	22.23	19.05	17.526	8.640	16.800	12800
SCE126	BCE126	19.05	25.40	9.53	8.128	5.004	6.640	11760
SCE128	BCE128	19.05	25.40	12.70	11.176	6.912	10.000	11760
SCE1210	BCE1210	19.05	25.40	15.88	14.478	9.000	14.000	11760
SCE1212	BCE1212	19.05	25.40	19.05	17.526	10.800	17.680	11760
SCE136		20.64	26.99	9.53		5.680	6.720	10880
SCE138	BCE138	20.64	26.99	12.70	11.176	6.336	11.440	10880
SCE1312	BCE1312	20.64	26.99	19.05	17.526	11.520	18.960	10880
SCE1314	BCE1314	20.64	26.99	22.23	20.574	12.960	23.200	10880
SCE146	BCE146	22.23	28.58	9.53	7.874	5.796	8.560	10080
SCE148	BCE148	22.23	28.58	12.70	11.176	7.848	12.640	10080
SCE1412	BCE1412	22.23	28.58	19.05	17.526	11.880	21.600	10080
SCE1416	BCE1416	22.23	28.58	25.40	23.876	15.480	30.400	10080
SCE1516	BCE1516	23.81	30.16	25.40		19.280	34.400	9440
SCE166	BCE166	25.40	31.75	9.53		6.240	8.160	8800
SCE168	BCE168	25.40	31.75	12.70	11.176	7.848	15.520	8800
SCE1612	BCE1612	25.40	31.75	19.05	17.526	12.600	25.200	8800
SCE1616	BCE1616	25.40	31.75	25.40	23.876	19.840	36.400	8800
SCE186	BCE186	28.58	34.93	9.53		7.040	9.200	7840
SCE188	BCE188	28.58	34.93	12.70	11.176	10.240	16.160	7840
SCE1812	BCE1812	28.58	34.93	19.05	17.526	15.120	27.360	7840
SCE1816	BCE1816	28.58	34.93	25.40	23.876	20.800	39.600	7840
SCE1916		30.16	38.10	25.40		26.400	46.020	7440
SCE208	BCE208	31.75	38.10	12.70	11.176	10.800	17.760	7040
SCE2010	BCE2010	31.75	38.10	15.88		13.200	23.200	7040
SCE2012	BCE2012	31.75	38.10	19.05	17.526	16.880	31.600	7040
SCE2016	BCE2016	31.75	38.10	25.40	23.876	21.600	44.000	7040
SCE2020	BCE2020	31.75	38.10	31.75	30.266	26.800	56.800	7040
SCE2110		33.34	41.28	15.88		16.880	27.200	6720
SCE228	BCE228	34.93	41.28	12.70	11.176	10.880	19.960	6400

SCE2212	BCE2212	34.93	41.28	19.05	17.526	17.200	34.000	6400
SCE2216	BCE2216	34.93	41.28	25.40	23.876	22.000	47.200	6400
SCE2220	BCE2220	34.93	41.28	31.75	30.226	27.200	61.600	6400
SCE248	BCE248	38.10	41.28	12.70	10.668	14.880	20.800	5920
SCE2410	BCE2410	38.10	47.63	15.88	13.716	19.520	29.200	5920
SCE2412	BCE2412	38.10	47.63	19.05	17.018	24.400	38.800	5920
SCE2414	BCE2414	38.10	47.63	22.23	20.066	28.800	48.000	5920
SCE2416	BCE2416	38.10	47.63	25.40	23.368	30.800	52.800	5920
SCE2420	BCE2420	38.10	47.63	31.75	29.718	38.000	68.800	5920
SCE2610	BCE2610	41.28	50.80	15.88	13.716	20.400	32.000	5440
SCE2620	BCE2620	41.28	50.80	31.75	29.718	40.800	77.600	5440
SCE2812	BCE2812	44.45	53.98	19.05	17.018	25.200	44.000	5040
SCE2816	BCE2816	44.45	53.98	25.40	23.365	33.200	60.800	5040
SCE2820	BCE2820	44.45	53.93	31.75		44.000	86.400	5040
SCE2824	BCE2824	44.45	53.98	38.10	30.068	49.600	104.000	5040
SCE328	BCE328	50.80	60.33	12.70		17.440	28.000	4400
SCE3210	BCE3210	50.80	60.33	15.88		22.800	39.600	4400
SCE3216	BCE3216	50.80	60.33	25.40	23.368	33.200	64.000	4400
SCE3220	BCE3220	50.80	60.33	31.75	29.718	44.000	92.800	4400
SCE348	BCE348	53.98	63.50	12.70		41.600	31.200	4160
SCE3410	BCE3410	53.98	63.50	15.88		24.800	45.600	4160
SCE3416	BCE3416	53.98	63.50	25.40		40.000	82.400	4160
SCE3612	BCE3612	57.15	66.68	19.05		30.000	57.600	3920
SCE3616	BCE3616	57.15	66.68	25.40	23.368	40.000	85.600	3920
(SCE4412)	(BCE4412)	69.85	79.38	19.05	17.018	30.800	64.000	3200
(SCE5612)	(BCE5612)	88.90	101.60	19.05	16.764	42.400	82.400	2520

HF/FC/HFZ/RC



Bearing No.				Boundary Dimensions (mm)				Driving Torque	Limited Speed	Shell Rotating	Mass
with reed		metal reed		Fw	D	C -0.3	r min	Nm	2rpm	3rpm	kg
Metric size											
HF0306KF				3	6.5	6	0.3	0.18	36000	6400	0.001
HF0306KFR				3	6.5	6	0.3	0.06	36000	6400	0.001
HF0406KF	FC-4			4	8.0	6	0.3	0.34	27200	6400	0.001
HF0406KFR				4	8.0	6	0.3	0.10	27200	6400	0.001
HF0612KF		HF0612	FCS-6	6	10.0	12	0.3	1.76	18400	10400	0.003
HF0612KFR		HF0612R		6	10.0	12	0.3	0.50	18400	10400	0.003
HF0812KF		HF0812	FCL-8-K	8	12.0	12	0.3	3.15	13600	9600	0.004
HF0812KFR		HF0812R		8	12.0	12	0.3	1.00	13600	9600	0.004
			FC-8	8	14.0	12					
HF1012KF		HF1012	FCL-10-K	10	14.0	12	0.3	5.30	11200	8800	0.004
			FC-10	10	16.0	12					
HF1216KF		HF1216	FC-12	12	18.0	16	0.3	12.20	8800	6400	0.011
HF1416KF		HF1416		14	20.0	16	0.3	17.30	7600	6400	0.013
HF1616KF		HF1616	FC-16	16	22.0	16	0.3	20.50	6800	6000	0.014
HF1816KF		HF1816		18	24.0	16	0.3	24.10	6000	6000	0.016
HF2016KF		HF2016	FC-20	20	26.0	16	0.3	28.50	5600	5200	0.017
HF2520KF		HF2520	FC-25	25	32.0	20	0.3	66.00	4400	4400	0.030
HF3020KF		HF3020	FC-30	30	37.0	20	0.3	90.00	3600	3600	0.036
HF3520KF		HF3520	FCS-35	35	42.0	20	0.3	121.00	3120	3120	0.040
Inch size											
	RC-02			3.175	7.140	6.35		0.32			
HFZ040708KF	RC040708	HFZ040708		6.350	11.112	12.70		1.94			
HFZ061008KF	RC061008	HFZ061008	RC061008FS	9.525	15.875	12.70		5.13			
HFZ081208KF	RC081208	HFZ081208	RC081208FS	12.700	19.050	12.70		8.31			
HFZ101410KF	RC101410	HFZ101410	RC101410FS	15.875	22.225	15.88		16.10			
HFZ121610KF	RC121610	HFZ121610	RC121610FS	19.050	25.400	15.88		22.10			
HFZ162110KF	RC162110	HFZ162110	RC162110FS	25.400	33.338	15.88		46.50			

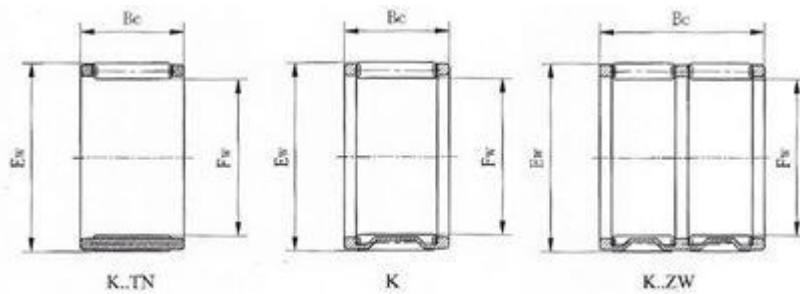
HFL/FCB/HFLZ/RCB



Bearing No.				Boundary Dimensions (mm)				Driving torque	Limited Speed	Shell rotating	Basic Load Rating (KN)		Mass
with reed		metal reed		metric size									
HFL0308KF				3	6.5	8	0.3	0.18	36000	6400			0.001
HFL0408KF				4	8.0	8	0.3	0.34	27200	6400			0.002
HFL0408KFR				4	8.0	8	0.3	0.10	27200	6400			0.002
HFL0606KFR				6	10.0	6	0.3	0.50	18400	10400			0.001
HFL0615KF		HFL0615		6	10.0	15	0.3	1.76	18400	10400			0.004
HFL0615KFR		HFL0615R		6	10.0	15	0.3	0.50	18400	10400			0.004
HFL0806KFR				8	12.0	6	0.3	0.70	13600	9600			0.002
HFL0822KF		HFL0822	FCBL-8-K	8	12.0	22	0.3	3.15	13600	9600	2.80	3.28	0.007
HFL0822KFR		HFL0822R		8	12.0	22	0.3	1.00	13600	9600	2.80	3.28	0.007
			FCB-8	8	14.0	20		4.00					0.000
HFL1022KF		HFL1022		10	14.0	22	0.3	5.30	11200	8800	3.00	3.72	0.008
			FCB-10	10	16.0	20		5.70					0.000
HFL1226KF		HFL1226	FCB-12	12	18.0	26	0.3	12.20	8800	6400	4.64	5.36	0.018
HFL1426KF		HFL1426		14	20.0	26	0.3	17.30	7600	6400	5.04	6.24	0.020
HFL1626KF		HFL1626	FCB-16	16	22.0	26	0.3	20.50	6800	6000	5.52	7.20	0.022
HFL1826KF		HFL1826		18	24.0	26	0.3	24.10	6000	6000	5.92	8.16	0.025
HFL2026KF		HFL2026	FCB-20	20	26.0	26	0.3	28.50	5600	5200	6.32	9.12	0.027
HFL2530KF		HFL2530	FCB-25	25	32.0	30	0.3	66.00	4400	4400	7.84	11.20	0.044
HFL3030KF		HFL3030	FCB-30	30	37.0	30	0.3	90.00	3600	3600	8.64	13.52	0.051
HFL3530KF		HFL3530		35	42.0	30	0.3	121.00	3120	3120	9.12	15.04	0.058

Needle Roller & Cage Assemblies

K



Bearing No.	Boundary Dimensions (mm)			Basic Load Rating (KN)		Limited Speed	Mass
	Fw	Ew	Bc	C	Co	rpm	kg
K 3X5X7 TN	3	5	7	1.232	1.032	40000	0.0003
K 3X5X9 TN	3	5	9	1.368	1.184	40000	0.0004
K 3X6X7 TN	3	6	7	1.144	0.776	37600	0.0004
K 4X7X7 TN	4	7	7	1.392	1.016	34400	0.0005
K 4X7X10 TN	4	7	10	1.864	1.472	34400	0.0007
K 5X8X8 TN	5	8	8	1.880	1.536	31200	0.0007
K 5X8X10 TN	5	8	10	2.400	2.120	31200	0.0009
K 6X9X8 TN	6	9	8	2.080	1.824	29600	0.0008
K 6X9X10 TN	6	9	10	2.680	5.520	29600	0.0011
K 6X10X13 TN	6	10	13	3.040	2.480	28000	0.0019
K 7X9X7 TN	7	9	7	1.384	1.416	28000	0.0006
K 7X10X8	7	10	8	2.280	2.120	27200	0.0017
K 8X11X8	8	11	8	2.480	2.400	25600	0.0018
K 8X11X10	8	11	10	3.160	3.280	25600	0.0020
K 8X11X13	8	11	13	4.080	4.640	25600	0.0032
K 8X12X10	8	12	10	4.000	3.760	25600	0.0035
K 9X12X10	9	12	10	3.600	4.000	24800	0.0029
K 9X12X13	9	12	13	4.720	5.680	24800	0.0038
K 10X13X10	10	13	10	3.800	4.400	23200	0.0032
K 10X13X13	10	13	13	4.960	6.240	23200	0.0041
K 10X13X16	10	13	16	5.680	7.440	23200	0.0051
K 10X14X10	10	14	10	4.640	4.800	23200	0.0041
K 10X16X12	10	16	12	6.480	5.760	22400	0.0081
K 12X15X10	12	15	10	3.920	4.880	21600	0.0035
K 12X15X13	12	15	13	5.120	6.800	21600	0.0045
K 12X16X13	12	16	13	6.400	7.520	21600	0.0063
K 12X17X13	12	17	13	7.680	8.320	20800	0.0081
K 12X18X12	12	18	12	8.000	7.920	20800	0.0093

K 14X18X10	14	18	10	5.680	6.800	20000	0.0040
K 14X18X13	14	18	13	6.560	8.080	20000	0.0065
K 14X18X15	14	18	15	7.600	9.840	20000	0.0083
K 14X18X17	14	18	17	8.640	11.520	20000	0.0080
K 14X20X12	14	20	12	8.240	8.480	19200	0.0085
K 15X18X17	15	18	17	6.400	9.680	20000	0.0072
K 15X19X10	15	19	10	6.000	7.360	19200	0.0050
K 15X19X13	15	19	13	6.800	8.720	19200	0.0070
K 15X19X17	15	19	17	9.040	12.480	19200	0.0095
K 15X20X13	15	20	13	7.920	9.200	19200	0.0070
K 15X21X15	15	21	15	11.440	13.120	19200	0.0110
K 15X21X21	15	21	21	15.520	19.440	19200	0.0170
K 16X20X10	16	20	10	6.240	7.920	19200	0.0055
K 16X20X13	16	20	13	7.120	9.440	19200	0.0075
K 16X20X17	16	20	17	9.360	13.440	19200	0.0100
K 16X22X12	16	22	12	9.200	10.000	18400	0.0100
K 16X22X16	16	22	16	11.840	14.000	18400	0.0120
K 16X22X20	16	22	20	16.640	18.240	18400	0.0170
K 16X24X20	16	24	20	17.120	18.800	17600	0.0220
K 17X21X10	17	21	10	6.480	8.480	18400	0.0055
K 17X21X13	17	21	13	8.320	11.680	18400	0.0065
K 17X21X17	17	21	17	9.760	14.320	18400	0.0095
K 18X22X10	18	22	10	6.720	9.040	17600	0.0060
K 18X22X13	18	22	13	7.360	10.160	17600	0.0080
K 18X22X17	18	22	17	9.680	14.400	17600	0.0110
K 18X24X12	18	24	12	10.240	11.920	17600	0.0120
K 18X24X13	18	24	13	10.480	12.240	17600	0.0130
K 18X25X22	18	25	22	18.480	23.200	17600	0.0230
K 19X23X13	19	23	13	7.600	10.800	17600	0.0080
K 19X23X17	19	23	17	10.000	15.360	17600	0.0110
K 20X24X10	20	24	10	7.120	10.080	16800	0.0065
K 20X24X13	20	24	13	7.840	11.440	16800	0.0090
K 20X24X17	20	24	17	10.320	16.320	16800	0.0120
K 20X26X12	20	26	12	10.720	12.960	16800	0.0110
K 20X26X13	20	26	13	11.520	14.320	16800	0.0120
K 20X26X17	20	26	17	15.360	20.800	16800	0.0160
K 20X26X20	20	26	20	16.880	23.200	16800	0.0190
K 20X28X16	20	28	16	15.840	17.920	16000	0.0200
K 20X28X20	20	28	20	19.120	22.800	16000	0.0270
K 20X28X25	20	28	25	24.400	31.200	16000	0.0320
K 20X30X30	20	30	30	28.400	33.200	16000	0.0490

K 21X25X13	21	25	13	8.080	12.080	16800	0.0090
K 22X26X10	22	26	10	7.280	10.720	16000	0.0075
K 22X26X13	22	26	13	8.320	12.720	16000	0.0095
K 22X26X17	22	26	17	10.960	18.160	16000	0.0120
K 22X28X17	22	28	17	15.520	21.600	16000	0.0180
K 22X29X16	22	29	16	16.000	20.400	15200	0.0160
K 22X30X15	22	30	15	16.080	18.720	15200	0.0260
K 22X32X24	22	32	24	27.200	32.000	14400	0.0430
K 23X35X16	23	35	16	19.600	19.120	13600	0.0450
K 24X28X10	24	28	10	7.680	11.840	15200	0.0085
K 24X28X13	24	28	13	8.800	14.080	15200	0.0100
K 24X28X17	24	28	17	11.600	20.000	15200	0.0130
K 24X30X17	24	30	17	15.600	22.000	14400	0.0190
K 24X30X31ZW	24	30	31	22.000	34.800	14400	0.0320
K 25X29X10	25	29	10	7.920	12.320	14400	0.0085
K 25X29X13	25	29	13	9.040	14.720	14400	0.0110
K 25X29X17	25	29	17	11.920	20.800	14400	0.0140
K 25X30X17	25	30	17	14.960	24.000	14000	0.0160
K 25X30X20	25	30	20	17.360	29.200	14400	0.0180
K 25X30X26ZW	25	30	26	17.120	28.400	14400	0.0190
K 25X31X17	25	31	17	15.680	22.800	14400	0.0190
K 25X31X21	25	31	21	19.760	30.400	14400	0.0200
K 25X32X16	25	32	16	16.640	22.000	13600	0.0210
K 25X33X20	25	33	20	22.800	30.400	13600	0.0330
K 25X33X24	25	33	27	27.200	37.600	13600	0.0390
K 25X35X30	25	35	30	37.600	49.600	12800	0.0650
K 26X30X13	26	30	13	9.280	15.360	14400	0.0110
K 26X30X17	26	30	17	12.160	22.000	14400	0.0250
K 26X30X22ZW	26	30	22	12.560	22.800	14400	0.0120
K 28X33X13	28	33	13	12.240	19.360	12800	0.0130
K 28X33X17	28	33	17	15.760	26.800	12800	0.0170
K 28X34X17	28	34	17	17.440	26.800	12800	0.0240
K 25X35X16	25	35	16	17.200	23.600	12800	0.0240
K 25X35X18	25	35	18	19.200	27.200	12800	0.0270
K 28X40X25	28	40	25	36.400	44.000	11200	0.0700
K 30X34X13	30	34	13	9.840	17.360	12000	0.0140
K 30X35X13	30	35	13	12.480	20.400	12000	0.0140
K 30X35X17	30	35	17	15.680	27.200	12000	0.0190
K 30X35X27	30	35	27	24.400	47.200	12000	0.0300
K 30X37X16	30	37	16	18.480	26.800	12000	0.0270
K 30X37X18	30	37	18	20.800	30.800	12000	0.0300

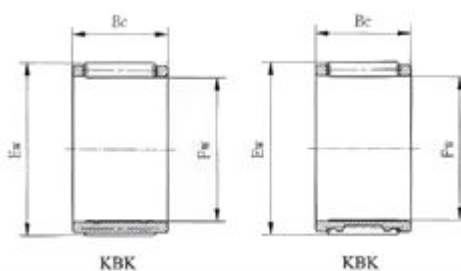
K 30X40X18	30	40	18	25.600	32.000	11200	0.0480
K 30X40X30	30	40	30	39.200	55.200	12000	0.0730
K 32X37X13	32	37	13	12.400	20.400	11200	0.0180
K 32X37X17	32	37	17	15.920	28.400	11200	0.0190
K 32X37X27	32	37	27	24.000	48.000	11200	0.0300
K 32X38X20	32	38	20	21.200	36.000	11200	0.0300
K 32X39X16	32	39	16	19.040	28.400	11200	0.0370
K 32X39X18	32	39	18	21.200	32.800	11200	0.0310
K 32X40X25	32	40	25	30.000	46.400	11200	0.0490
K 32X40X42ZW	32	40	42	40.000	67.200	11200	0.0970
K 32X46X32	32	46	32	52.800	67.200	10400	0.1190
K 35X40X13	35	40	13	12.960	22.400	10400	0.0190
K 35X40X17	35	40	17	16.640	30.800	10400	0.0210
K 35X40X25	35	40	25	23.600	48.000	10400	0.0310
K 35X40X27	35	40	27	20.000	38.800	10400	0.0410
K 35X42X16	35	42	16	19.520	30.000	10400	0.0340
K 35X42X18	35	42	18	22.000	34.400	10400	0.0340
K 35X42X20	35	42	20	21.000	39.200	10400	0.0370
K 35X42X30	35	42	30	31.200	54.400	10400	0.0670
K 35X45X20	35	45	20	29.600	40.000	9600	0.0560
K 35X45X30	35	45	30	42.400	63.200	9600	0.0800
K 37X42X17	37	42	17	17.920	34.400	9600	0.0220
K 38X43X17	38	43	17	16.400	30.800	9600	0.0290
K 38X43X27	38	43	27	25.200	54.400	9600	0.0430
K 38X46X20	38	46	20	28.400	45.600	9600	0.0470
K 38X46X32	38	46	32	44.000	79.200	9600	0.0760
K 39X44X26ZW	39	44	26	22.000	44.800	9600	0.0450
K 40X45X13	40	45	13	14.080	26.000	9600	0.0220
K 40X45X17	40	45	17	17.120	33.200	9600	0.0310
K 40X45X27	40	45	27	26.400	58.400	9600	0.0460
K 40X47X18	40	47	18	23.600	40.000	8800	0.0390
K 40X47X20	40	47	20	26.000	45.600	8800	0.0420
K 40X48X20	40	48	20	28.800	47.200	8800	0.0490
K 42X47X13	42	47	13	14.240	26.800	8800	0.0180
K 42X47X17	42	47	17	17.360	34.400	8800	0.0320
K 42X47X30ZW	42	47	30	26.800	60.800	8800	0.0540
K 42X50X20	42	50	20	28.000	45.600	8800	0.0530
K 43X48X17	43	48	17	17.280	34.400	8800	0.0300
K 43X48X27	43	48	27	26.800	60.000	8800	0.0500
K 45X50X17	45	50	17	18.000	36.800	8000	0.0340
K 45X50X27	45	50	27	27.600	64.000	8000	0.0510

K 45X52X18	45	52	18	25.200	45.600	8000	0.0420
K 45X53X20	45	53	20	31.200	53.600	8000	0.0550
K 45X53X21	45	53	21	30.800	53.600	8000	0.0600
K 45X53X28	45	53	28	41.600	78.400	8000	0.0810
K 45X59X18	45	59	18	35.200	43.200	7600	0.1050
K 45X59X32	45	59	32	58.400	82.400	7600	0.1480
K 47X52X17	47	52	17	18.640	39.200	8000	0.0350
K 47X52X27	47	52	27	28.000	66.400	8000	0.0510
K 50X55X13.5	50	55	13.5	14.560	29.200	7600	0.0300
K 50X55X17	50	55	17	17.680	37.600	7600	0.0350
K 50X55X20	50	55	20	21.200	48.000	7600	0.0430
K 50X55X30	50	55	30	31.200	77.600	7600	0.0650
K 50X57X18	50	57	18	26.800	50.400	7200	0.0470
K 50X58X20	50	58	20	28.400	49.600	7200	0.0750
K 50X58X25	50	58	25	35.200	64.800	7200	0.0900
K 52X57X12	52	57	12	14.400	29.200	7200	0.0240
K 55X60X20	55	60	20	22.800	52.800	6800	0.0400
K 55X60X27	55	60	27	30.400	77.600	6800	0.0600
K 55X60X30	55	60	30	32.800	86.400	6800	0.0710
K 55X62X18	55	62	18	28.400	56.000	6800	0.0520
K 55X63X20	55	63	20	32.000	59.200	6800	0.0670
K 55X63X25	55	63	25	40.800	80.800	6800	0.0800
K 55X63X32	55	63	32	49.600	104.000	6800	0.1020
K 58X65X18	58	65	18	28.000	56.000	6400	0.0520
K 58X65X36ZW	58	65	36	85.600	10.720	6400	0.1270
K 60X65X20	60	65	20	23.600	57.600	6400	0.0520
K 60X65X30	60	65	30	34.000	92.800	6400	0.0770
K 60X66X33ZW	60	66	33	36.800	89.600	6400	0.1040
K 60X66X40ZW	60	66	40	46.400	120.800	6400	0.1160
K 60X68X20	60	62	20	24.800	68.000	6000	0.0710
K 60X68X23	60	62	23	39.600	80.800	6000	0.0940
K 60X68X25	60	62	25	42.400	88.800	6000	0.0890
K 60X68X30ZW	60	62	30	35.600	70.400	6000	0.1290
K 60X75X42	60	75	42	94.400	159.200	6000	0.2400
K 62X70X40ZW	62	70	40	52.800	116.800	6000	0.1740
K 64X70X16	64	70	16	22.400	48.000	6000	0.0530
K 65X70X20	65	70	20	24.400	61.600	6000	0.0560
K 65X70X30	65	70	30	32.500	99.200	6000	0.0830
K 65X73X23	65	73	23	36.800	75.200	5600	0.1080
K 65X73X30	65	73	30	45.600	98.400	5600	0.1410
K 68X74X20	68	74	20	28.400	67.200	5600	0.0710

K 68X74X30	68	74	30	37.200	94.400	5600	0.1000
K 68X74X35ZW	68	74	35	38.800	100.000	5600	0.1200
K 70X76X20	70	76	20	28.800	68.800	5200	0.0710
K 70X76X30	70	76	30	41.600	111.200	5200	0.1100
K 70X78X30	70	78	30	48.000	108.000	5200	0.1480
K 72X80X20	72	80	20	33.200	68.000	5200	0.0980
K 73X79X20	73	79	20	29.600	72.000	5200	0.0750
K 75X81X20	75	81	20	30.000	75.200	5200	0.0790
K 75X81X30	75	81	30	41.600	114.400	5200	0.1140
K 75X83X23	75	83	23	40.000	87.200	4800	0.1240
K 75X83X30	75	83	30	49.600	114.400	4800	0.1470
K 75X83X35ZW	75	83	35	50.400	117.600	4800	0.1820
K 75X83X40ZW	75	83	40	58.400	141.600	4800	0.2110
K 80X86X20	80	86	20	30.800	78.400	4800	0.0600
K 80X88X30	80	88	30	56.800	140.800	4800	0.1380
K 80X88X40ZW	80	88	40	60.800	153.600	4800	0.2270
K 80X88X46ZW	80	88	46	70.400	184.800	4800	0.2600
K 85X92X20	85	92	20	35.600	86.400	4400	0.1020
K 90X97X20	90	97	20	36.000	90.400	4000	0.1090
K 90X98X27	90	98	27	48.800	120.000	4000	0.1500
K 90X98X30	90	98	30	54.400	137.600	4000	0.1720
K 95X103X30	95	103	30	55.200	144.000	3920	0.1650
K 95X103X40ZW	95	103	40	66.400	182.400	3920	0.2660
K 100X107X21	100	107	21	38.400	101.600	3760	0.1200
K 100X108X27	100	108	27	45.600	114.400	3760	0.1850
K 100X108X30	100	108	30	56.800	150.400	3760	0.1800
K 105X112X21	105	112	21	38.000	101.600	3600	0.1290
K 110X117X24	110	117	24	44.800	126.400	3440	0.1720
K 110X118X30	110	118	30	62.400	175.200	3440	0.2170
K 115X123X27	115	123	27	50.400	136.000	3280	0.2000
K 120X127X24	120	127	24	47.200	139.200	3200	0.1650
K 125X133X35	125	133	35	68.800	208.000	3040	0.2750
K 130X137X24	130	137	24	48.800	148.800	2960	0.1700
K 135X143X35	135	143	35	72.800	232.000	2800	0.3000
K 145X153X26	145	153	26	59.200	204.000	2640	0.2620
K 150X160X46	150	160	46	117.600	376.000	2560	0.5700
K 155X163X26	155	163	26	60.000	188.800	2480	0.2650
K 160X170X46	160	170	46	121.600	408.000	2400	0.5500
K 165X173X26	165	173	26	64.800	212.000	2320	0.3200
K 175X183X32	175	183	32	79.200	280.000	2160	0.4000
K 185X195X37	185	195	37	102.400	340.000	2080	0.6070

K 195X205X37	195	205	37	106.400	360.000	2000	0.6200
K 210X220X42	210	220	42	123.200	448.000	1840	0.7400
K 220X230X42	220	230	42	126.400	472.000	1760	0.7900
K 240X250X42	240	250	42	131.200	504.000	1600	0.8500
K 265X280X50	265	280	50	204.000	688.000	1440	1.8100

KBK

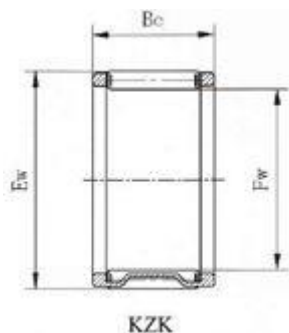


Bearing No.	Boundary Dimensions (mm)			Basic Load Rating (KN)	
	Fw	Ew	Bc	C	Co
KBK 8X11X8.7	8.0	11.0	8.7		
KBK 8X11X10	8.0	11.0	10.0	2.80	3.20
KBK 8X11X12	8.0	11.0	12.0	3.12	3.60
KBK 9X12X11.5	9.0	12.0	11.5	3.36	3.84
KBK 9X12X13	9.0	12.0	13.0	3.68	4.64
KBK 9X12X14	9.0	12.0	14.0	3.76	4.72
KBK 9X13X12	9.0	13.0	12.0	4.24	4.56
KBK 9X13X12.5	9.0	13.0	12.5	4.24	4.56
KBK 9X13X13	9.0	13.0	13.0	4.28	4.48
KBK 9X13X14	9.0	13.0	14.0	4.32	4.60
KBK 10X13X8	10.0	13.0	8.0	3.20	4.00
KBK 10X13X10	10.0	13.0	10.0	3.36	4.16
KBK 10X13X14.5	10.0	13.0	14.5	4.32	5.28
KBK 10X13X16	10.0	13.0	16.0	5.44	6.16
KBK 10X14X10	10.0	14.0	10.0	3.52	3.68
KBK 10X14X12	10.0	14.0	12.0	4.16	4.56
KBK 10X14X12.5	10.0	14.0	12.5	4.48	4.96
KBK 10X14X13	10.0	14.0	13.0	4.48	4.96
KBK 10X14X15	10.0	14.0	15.0	4.96	5.68
KBK 11X15X12.5	11.0	15.0	12.5	3.68	4.16
KBK 11X15X16	11.0	15.0	16.0	4.00	5.44
KBK 11X15X17	11.0	15.0	17.0	4.16	5.60
KBK 12X15X13	12.0	15.0	13.0	4.40	5.84
KBK 12X15X14.3	12.0	15.0	14.3	4.64	6.16
KBK 12X15X15	12.0	15.0	15.0	4.72	6.24
KBK 12X15X16.5	12.0	15.0	16.6	5.44	7.92
KBK 12X15X17	12.0	15.0	17.0	5.60	8.00
KBK 12X15X17.5	12.0	15.0	17.5	5.60	8.00
KBK 12X15X19	12.0	15.0	19.0	6.00	8.48

KBK 12X16X13	12.0	16.0	13.0	5.04	6.08
KBK 12X16X15	12.0	16.0	15.0	6.00	7.20
KBK 12X16X15.5	12.0	16.0	15.5	6.08	8.00
KBK 12X16X16	12.0	16.0	16.0	6.24	7.44
KBK 12X16X17	12.0	16.0	17.0	6.32	7.52
KBK 12X17X14	12.0	17.0	14.0	6.40	7.60
KBK 12X17X14.3	12.0	17.0	14.3	6.40	7.60
KBK 12X17X14.8	12.0	17.0	14.8	6.64	7.84
KBK 13X17X14.5	13.0	17.0	14.5	6.64	8.16
KBK 13X17X17.5	13.0	17.0	17.5	7.60	9.68
KBK 14X18X10	14.0	18.0	10.0	5.01	5.92
KBK 14X18X12	14.0	18.0	12.0	5.10	6.06
KBK 14X18X13	14.0	18.0	13.0	5.84	6.96
KBK 14X18X14	14.0	18.0	14.0	5.92	7.04
KBK 14X18X14.5	14.0	18.0	14.5	5.92	7.04
KBK 14X18X15	14.0	18.0	15.0	6.08	7.19
KBK 14X18X16.5	14.0	18.0	16.5	7.04	7.76
KBK 14X18X17	14.0	18.0	17.0	7.12	7.84
KBK 14X18X20	14.0	18.0	20.0	7.20	8.08
KBK 14X18X21	14.0	18.0	21.0	8.40	9.92
KBK 14X18X22	14.0	18.0	22.0	8.88	10.48
KBK 14X19X17	14.0	19.0	17.0	7.36	8.80
KBK 15X19X10	15.0	19.0	10.0	5.20	6.88
KBK 15X19X18	15.0	19.0	18.0	7.92	9.04
KBK 15X19X19	15.0	19.0	19.0	8.08	10.24
KBK 15X19X20	15.0	19.0	20.0	9.04	12.40
KBK 15X20X24	15.0	20.0	24.0	11.28	16.00
KBK 16X20X19	16.0	20.0	19.0	9.36	13.44
KBK 16X20X20	16.0	20.0	20.0	10.32	14.08
KBK 16X20X21	16.0	20.0	21.0	10.32	14.08
KBK 16X20X22	16.0	20.0	22.0	10.40	14.96
KBK 16X21X19	16.0	21.0	19.0	10.40	14.96
KBK 17.5X22X16	17.5	22.0	16.0	8.80	13.04
KBK 18X22X22	18.0	22.0	22.0	9.20	14.16
KBK 18X22X23.5	18.0	22.0	23.5	9.52	15.20
KBK 18X22X24	18.0	22.0	24.0	9.60	16.00
KBK 18X22X25	18.0	22.0	25.0	10.16	16.08
KBK 18X23X21	18.0	23.0	21.0	7.92	8.08
KBK 18X23X23	18.0	23.0	23.0	8.40	9.60
KBK 18X24X20	18.0	24.0	20.0	16.00	20.00
KBK 20X24X30	20.0	24.0	30.0	11.92	20.40

KBK 20X25X22	20.0	25.0	22.0	12.16	17.84
KBK 20X25X25	20.0	25.0	25.0	13.68	19.20

KZK



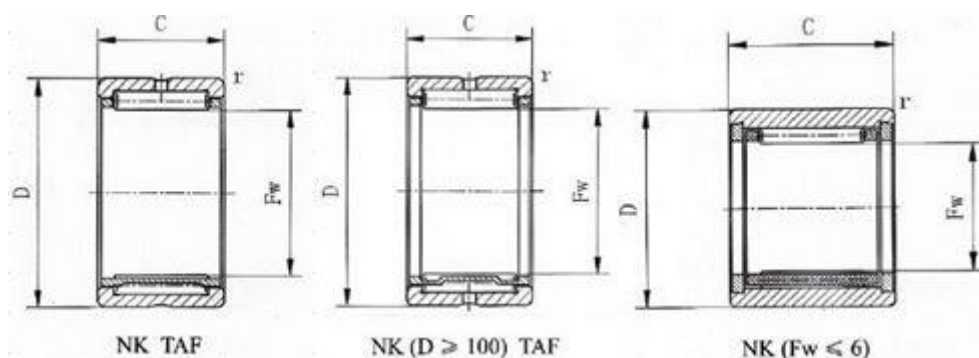
Bearing No.	Boundary Dimensions (mm)			Basic Load Rating (KN)	
	F_w	E_w	B_c	C	C_o
KZK 8X12X8	8.0	12.0	8.0	3.760	3.664
KZK 10X14X8.7	10.0	14.0	8.7	3.840	4.000
KZK 10X14X10	10.0	14.0	10.0	4.000	4.128
KZK 12X15X13	12.0	15.0	13.0	4.240	5.920
KZK 12X16X10	12.0	16.0	10.0	4.880	5.920
KZK 12X16X11	12.0	16.0	11.0	4.960	5.680
KZK 12X17X10	12.0	17.0	10.0	5.616	5.616
KZK 12X18X10	12.0	18.0	10.0	5.920	5.760
KZK 13X18X10	13.0	18.0	10.0	5.760	6.640
KZK 14X18X10	14.0	18.0	10.0	5.680	6.800
KZK 14X19X10	14.0	19.0	10.0	5.840	6.080
KZK 14.4X20.4X10	14.4	20.4	10.0	6.450	6.240
KZK 15X19X9	15.0	19.0	9.0	5.440	5.680
KZK 15X19X10	15.0	19.0	10.0	5.760	6.720
KZK 15X20X10	15.0	20.0	10.0	6.240	7.280
KZK 15X20X12	15.0	20.0	12.0	6.400	7.680
KZK 15X21X10	15.0	21.0	10.0	6.720	8.400
KZK 15X21X11	15.0	21.0	11.0	6.800	8.560
KZK 15.2X22.2X12	15.2	22.2	12.0	6.880	8.880
KZK 16X20X10	16.0	20.0	10.0	6.560	7.360
KZK 16X20X24	16.0	20.0	24.0	6.960	7.520
KZK 16X21X10	16.0	21.0	10.0	7.040	7.840
KZK 16X22X11.7	16.0	22.0	11.7	8.800	9.520
KZK 16X22X12	16.0	22.0	12.0	8.800	9.520
KZK 16X22X14	16.0	22.0	14.0	10.560	11.144
KZK 17X21X10	17.0	21.0	10.0	6.080	7.200
KZK 17X23X11	17.0	23.0	11.0	6.480	9.040
KZK 18X22X10	18.0	22.0	10.0	6.080	7.840
KZK 18X22X24	18.0	22.0	24.0	6.080	13.760

KZK 18X24X11.6	18.0	24.0	11.6	9.280	10.480
KZK 18X24X12	18.0	24.0	12.0	9.280	10.480
KZK 18X24X13.3	18.0	24.0	13.3	7.200	8.560
KZK 18X24X13.5	18.0	24.0	13.5	7.200	8.560
KZK 18X24X15	18.0	24.0	15.0	10.560	12.400
KZK 19X25X16	19.0	25.0	16.0	9.680	12.400
KZK 19X28X14	19.0	28.0	14.0	9.680	12.000
KZK 20X25X16	20.0	25.0	16.0	7.920	9.840
KZK 20X26X12	20.0	26.0	12.0	8.080	10.000
KZK 20X26X14	20.0	26.0	14.0	10.080	13.360
KZK 20X26X17	20.0	-	17.0	10.160	14.080
KZK 22X28X13	22.0	28.0	13.0	9.520	13.200
KZK 22X28X14	22.0	28.0	14.0	10.080	13.440
KZK 22X28X15	22.0	28.0	15.0	10.800	14.800
KZK 22X28X16	22.0	28.0	16.0	11.520	16.080
KZK 22X29X15	22.0	29.0	15.0	14.240	17.440
KZK 22X29X16	22.0	29.0	16.0	14.240	17.440
KZK 22X30X16	22.0	30.0	16.0	14.960	17.840
KZK 23X29X13	23.0	29.0	13.0	8.000	9.040
KZK 23X30X14	23.0	30.0	14.0	7.480	8.080
KZK 23X30X16	23.0	30.0	16.0	7.824	9.440
KZK 23.1X28.1X14	23.1	28.1	14.0	8.480	12.640
KZK 24X30X15	24.0	30.0	15.0	8.960	10.960
KZK 24X30X16	24.0	30.0	16.0	8.960	10.960
KZK 25X30X28	25.0	30.0	28.0	10.640	12.160
KZK 25X31X12	25.0	31.0	12.0	6.960	7.040
KZK 25X31X17	25.0	31.0	17.0	7.360	7.800
KZK 25X31X20	25.0	31.0	20.0	7.760	8.480
KZK 25X32X16	25.0	32.0	16.0	14.560	18.480
KZK 25.1X30.1X14	25.1	30.1	14.0	10.960	15.200
KZK 26X34X16	26.0	34.0	16.0	9.360	14.000
KZK 28X33X14	28.0	33.0	14.0	10.560	17.520
KZK 28X34X14	28.0	34.0	14.0	13.200	16.560
KZK 28X35X15	28.0	35.0	15.0	14.400	17.600
KZK 28X35X16	28.0	35.0	16.0	15.120	18.400
KZK 28X36X16	28.0	36.0	16.0	15.600	21.600
KZK 28X38X13.6	28.0	38.0	13.6	13.840	16.240
KZK 30X36X16	30.0	36.0	16.0	15.120	18.240
KZK 30X37X16	30.0	37.0	16.0	17.200	24.400
KZK 30X38X16	30.0	38.0	16.0	18.160	26.080
KZK 32X40X22	32.0	40.0	22.0	22.240	31.440

KZK 32X42X20	32.0	42.0	20.0	20.800	32.160
KZK 38X46X20	38.0	46.0	20.0	24.880	34.400
KZK 40X48X17	40.0	48.0	17.0	23.200	31.200
KZK 40X48X20	40.0	48.0	20.0	26.000	40.800

Needle Roller Bearings (Machine)

NK

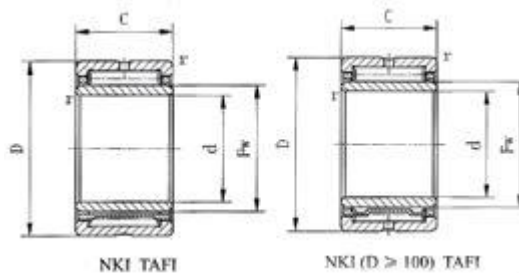


Bearing No.	Boundary Dimensions (mm)				Basic Load Rating (KN)		Limited Speed	Mass
	Fw	D	C	r min	C	Co	rpm	kg
NK 5/10 TN	5	10	10	0.15	2.11	1.75	32000	0.003
NK 5/12 TN	5	10	12	0.15	2.18	1.80	32000	0.004
NK 6/10 TN	6	12	10	0.15	2.13	1.82	29600	0.005
NK 6/12 TN	6	12	12	0.15	2.72	2.52	29600	0.006
NK 7/10	7	14	10	0.30	2.14	1.88	27200	0.007
NK 7/12	7	14	12	0.30	2.72	2.56	27200	0.008
NK 8/12	8	15	12	0.30	3.20	3.28	25600	0.009
NK 8/16	8	15	16	0.30	3.88	4.16	25600	0.012
NK 9/12	9	16	12	0.30	3.64	4.00	24000	0.010
NK 9/16	9	16	16	0.30	4.40	5.12	24000	0.013
NK 10/12	10	17	12	0.30	3.64	4.08	22400	0.010
NK 10/16	10	17	16	0.30	4.36	5.16	22400	0.013
NK 12/12	12	19	12	0.30	4.00	4.88	20800	0.013
NK 12/16	12	19	16	0.30	7.20	8.80	20800	0.016
NK 14/16	14	22	16	0.30	8.24	9.20	19200	0.021
NK 14/20	14	22	20	0.30	10.40	12.48	19200	0.026
NK 15/16	15	23	16	0.30	8.72	10.16	18400	0.022
NK 15/20	15	23	20	0.30	11.04	13.76	18400	0.027
NK 16/16	16	24	16	0.30	9.76	11.92	18400	0.022
NK 16/20	16	24	20	0.30	11.68	15.04	18400	0.028
NK 17/16	17	25	16	0.30	9.68	12.00	17600	0.024
NK 17/20	17	25	20	0.30	12.32	16.32	17600	0.030
NK 18/16	18	26	16	0.30	10.16	12.96	16800	0.025
NK 18/20	18	26	20	0.30	12.88	17.60	16800	0.031
NK 19/16	19	27	16	0.30	10.64	13.92	16800	0.026
NK 19/20	19	27	20	0.30	12.80	17.76	16800	0.032

NK 20/16	20	28	16	0.30	10.56	14.00	16800	0.027
NK 20/20	20	28	20	0.30	13.36	19.04	16800	0.034
NK 21/16	21	29	16	0.30	11.00	15.00	15200	0.028
NK 21/20	21	29	20	0.30	14.64	21.68	15200	0.035
NK 22/16	22	30	16	0.30	11.36	15.92	14400	0.034
NK 22/20	22	30	20	0.30	14.40	21.60	14400	0.037
NK 24/16	24	32	16	0.30	12.16	17.84	13600	0.032
NK 24/20	24	32	20	0.30	14.88	23.04	13600	0.040
NK 25/16	25	33	16	0.30	12.08	17.92	12800	0.033
NK 25/20	25	33	20	0.30	15.36	24.40	12800	0.042
NK 26/16	26	34	16	0.30	12.48	18.88	12000	0.034
NK 26/20	26	34	20	0.30	15.28	24.40	12000	0.042
NK 28/20	28	37	20	0.30	17.84	27.20	11200	0.052
NK 28/30	28	37	30	0.30	21.36	38.40	11200	0.082
NK 29/20	29	38	20	0.30	17.76	27.20	11200	0.054
NK 29/30	29	38	30	0.30	22.00	40.40	11200	0.084
NK 30/20	30	40	20	0.30	17.68	27.20	10400	0.065
NK 30/30	30	40	30	0.30	26.40	45.60	10400	0.098
NK 32/20	32	42	20	0.30	18.80	30.00	10400	0.068
NK 32/30	32	42	30	0.30	27.20	48.40	10400	0.102
NK 35/20	35	45	20	0.30	19.84	33.20	8800	0.074
NK 35/30	35	45	30	0.30	28.80	53.20	8800	0.112
NK 37/20	37	47	20	0.30	20.24	34.80	8800	0.077
NK 37/30	37	47	30	0.30	29.20	55.60	8800	0.107
NK 38/20	38	48	20	0.30	20.72	36.00	8800	0.079
NK 38/30	38	48	30	0.30	30.00	58.40	8800	0.107
NK 40/20	40	50	20	0.30	21.12	37.60	8000	0.083
NK 40/30	40	50	30	0.30	30.80	60.80	8000	0.125
NK 42/20	42	52	20	0.30	21.52	39.20	7600	0.086
NK 42/30	42	52	30	0.30	31.20	63.20	7600	0.130
NK 43/20	43	53	20	0.30	22.00	40.80	7600	0.086
NK 43/30	43	53	30	0.30	32.00	65.60	7600	0.133
NK 45/20	45	55	20	0.30	22.40	42.00	7200	0.092
NK 45/30	45	55	30	0.30	32.80	68.40	7200	0.139
NK 47/20	47	57	20	0.30	23.00	44.40	6800	0.095
NK 47/30	47	57	30	0.30	34.00	73.20	6800	0.142
NK 50/25	50	62	25	0.60	20.80	59.60	6400	0.158
NK 50/35	50	62	35	0.60	40.80	84.80	6400	0.221
NK 55/25	55	68	25	0.60	32.80	65.60	6000	0.193
NK 55/35	55	68	35	0.60	43.20	94.40	6000	0.267
NK 60/25	60	72	25	0.60	32.80	68.00	5200	0.185

NK 60/35	60	72	35	0.60	45.60	104.00	5200	0.258
NK 65/25	65	78	25	0.60	36.00	78.40	4800	0.221
NK 65/35	65	78	35	0.60	48.00	113.60	4800	0.310
NK 68/25	68	82	25	0.60	35.60	71.20	4800	0.241
NK 68/35	68	82	35	0.60	50.40	111.20	4800	0.238
NK 70/25	70	85	25	0.60	36.00	73.20	4400	0.275
NK 70/35	70	85	35	0.60	51.20	115.20	4400	0.386
NK 73/25	73	90	25	1.00	43.20	80.00	4400	0.302
NK 73/35	73	90	35	1.00	61.20	124.80	4400	0.428
NK 75/25	75	92	25	1.00	44.00	83.20	4400	0.315
NK 75/35	75	92	35	1.00	62.40	129.60	4400	0.492
NK 80/25	80	95	25	1.00	45.60	95.20	4000	0.301
NK 80/35	80	95	35	1.00	63.60	147.20	4000	0.425
NK 85/25	85	105	25	1.00	56.40	98.40	3760	0.404
NK 85/35	85	105	35	1.00	80.00	154.40	3760	0.517
NK 90/25	90	110	25	1.00	57.20	102.40	3520	0.426
NK 90/35	90	110	35	1.00	83.20	166.40	3520	0.604
NK 95/26	95	115	26	1.00	59.60	109.60	3360	0.490
NK 95/36	95	115	36	1.00	86.40	178.40	3360	0.652
NK 100/26	100	120	26	1.00	58.80	109.60	3200	0.487
NK 100/36	100	120	36	1.00	85.60	178.40	3200	0.679
NK 105/26	105	125	26	1.00	61.20	117.60	3040	0.506
NK 105/36	105	125	36	1.00	88.80	190.40	3040	0.713
NK 110/30	110	130	30	1.10	78.00	163.20	2880	0.612
NK 110/40	110	130	40	1.10	103.20	233.60	2880	0.830
NK 120/40	120	140	40	1.10	90.40	214.40	2640	0.910
NK 130/40	130	150	40	1.10	92.80	226.40	2480	0.980
NK 145/32	145	170	32	1.50	88.80	190.40	2240	1.120
NK 145/42	145	170	42	1.50	122.40	288.00	2240	1.490
NK 155/32	155	180	32	1.50	91.20	201.60	2080	14.200
NK 155/42	155	180	42	1.50	124.80	304.00	2080	1.590
NK 165/32	165	190	32	1.50	93.60	212.00	1920	1.420
NK 165/42	165	190	42	1.50	128.00	320.00	1920	1.660

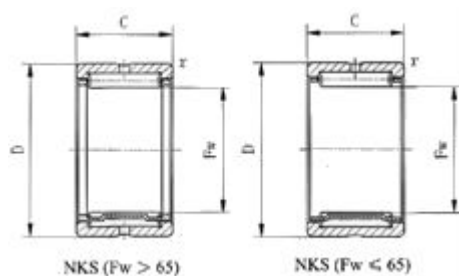
NKI



Bearing No.	Boundary Dimensions (mm)					Allowable offset	Basic Load Rating (KN)		Limited Speed	Mass
	d	Fw	D	C	r min	s	C	Co	rpm	kg
NKI 5/12	5	8	15	12	0.3	1.5	3.20	3.28	25600	0.012
NKI 6/12	6	9	16	12	0.3	1.5	3.64	4.00	24000	0.013
NKI 6/16	6	9	16	16	0.3	2.0	4.40	5.12	24000	0.017
NKI 7/12	7	10	17	12	0.3	1.5	3.64	4.08	22400	0.014
NKI 7/16	7	10	17	16	0.3	2.0	4.36	5.16	22400	0.018
NKI 9/12	9	12	19	12	0.3	1.5	4.00	4.88	20800	0.018
NKI 9/16	9	12	19	16	0.3	2.0	7.20	8.80	20800	0.022
NKI 10/16	10	14	22	16	0.3	0.5	8.24	9.20	19200	0.030
NKI 10/20	10	14	22	20	0.3	0.5	10.40	12.48	19200	0.038
NKI 12/16	12	16	24	16	0.3	0.5	9.76	11.92	18400	0.033
NKI 12/20	12	16	24	20	0.3	0.5	11.68	15.04	18400	0.042
NKI 15/16	15	19	27	16	0.3	0.5	10.64	13.92	16800	0.039
NKI 15/20	15	19	27	20	0.3	0.5	12.80	17.76	16800	0.045
NKI 17/16	17	21	29	16	0.3	0.5	11.00	15.00	15200	0.042
NKI 17/20	17	21	29	20	0.3	0.5	14.64	21.68	15200	0.053
NKI 20/16	20	24	32	16	0.3	0.5	12.16	17.84	13600	0.049
NKI 20/20	20	24	32	20	0.3	0.5	14.88	23.04	13600	0.061
NKI 22/16	22	26	34	16	0.3	0.5	12.48	18.88	12000	0.046
NKI 22/20	22	26	34	20	0.3	0.5	15.28	24.40	12000	0.064
NKI 25/20	25	29	38	20	0.3	1.0	17.76	27.20	11200	0.079
NKI 25/30	25	29	38	30	0.3	1.5	22.00	40.40	11200	0.123
NKI 28/20	28	32	42	20	0.3	1.0	18.80	30.00	10400	0.096
NKI 28/30	28	32	42	30	0.3	1.5	27.20	48.40	10400	0.146
NKI 30/20	30	35	45	20	0.3	0.5	19.84	33.20	8800	0.112
NKI 30/30	30	35	45	30	0.3	1.0	28.80	53.20	8800	0.171
NKI 32/20	32	37	47	20	0.3	0.5	20.24	34.80	8800	0.117
NKI 32/30	32	37	47	30	0.3	1.0	29.20	55.60	8800	0.170
NKI 35/20	35	40	50	20	0.3	0.5	21.12	37.60	8000	0.130
NKI 35/30	35	40	50	30	0.3	1.0	30.80	60.80	8000	0.193

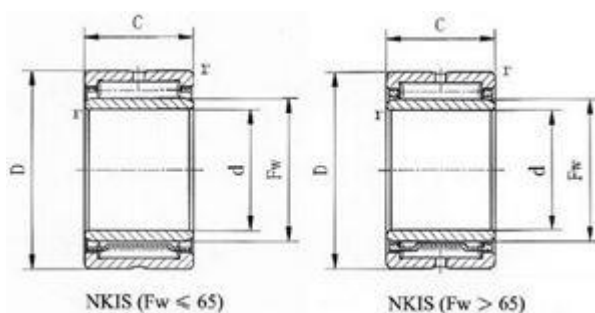
NKI 38/20	38	43	53	20	0.3	0.5	22.00	40.80	7600	0.134
NKI 38/30	38	43	53	30	0.3	1.0	32.00	65.60	7600	0.207
NKI 40/20	40	45	55	20	0.3	0.5	22.40	42.00	7200	0.143
NKI 40/30	40	45	55	30	0.3	1.0	32.80	68.40	7200	0.216
NKI 42/20	42	47	57	20	0.3	0.5	23.00	44.40	6800	0.148
NKI 42/30	42	47	57	30	0.3	1.0	34.00	73.20	6800	0.222
NKI 45/25	45	50	62	25	0.6	1.5	20.80	59.60	6400	0.229
NKI 45/35	45	50	62	35	0.6	2.0	40.80	84.80	6400	0.322
NKI 50/25	50	55	68	25	0.6	1.5	32.80	65.60	6000	0.271
NKI 50/35	50	55	68	35	0.6	2.0	43.20	94.40	6000	0.379
NKI 55/25	55	60	72	25	0.6	1.5	32.80	68.00	5200	0.271
NKI 55/35	55	60	72	35	0.6	2.0	45.60	104.00	5200	0.379
NKI 60/25	60	68	82	25	0.6	1.0	35.60	71.20	4800	0.393
NKI 60/35	60	68	82	35	0.6	1.0	50.40	111.20	4800	0.551
NKI 65/25	65	73	90	25	1.0	1.0	43.20	80.00	4400	0.466
NKI 65/35	65	73	90	35	1.0	1.0	61.20	124.80	4400	0.660
NKI 70/25	70	80	95	25	1.0	0.8	45.60	95.20	4000	0.525
NKI 70/35	70	80	95	35	1.0	0.8	63.60	147.20	4000	0.739
NKI 75/25	75	85	105	25	1.0	1.0	56.40	98.40	3760	0.642
NKI 75/35	75	85	105	35	1.0	1.0	80.00	154.40	3760	0.853
NKI 80/25	80	90	110	25	1.0	1.0	57.20	102.40	3520	0.680
NKI 80/35	80	90	110	35	1.0	1.0	83.20	166.40	3520	0.959
NKI 85/26	85	95	115	26	1.0	1.5	59.60	109.60	3360	0.743
NKI 85/36	85	95	115	36	1.0	1.5	86.40	178.40	3360	1.050
NKI 90/26	90	100	120	26	1.0	1.5	58.80	109.60	3200	0.781
NKI 90/36	90	100	120	36	1.0	1.5	85.60	178.40	3200	1.090
NKI 95/26	95	105	125	26	1.0	1.5	61.20	117.60	3040	0.819
NKI 95/36	95	105	125	36	1.0	1.5	88.80	190.40	3040	1.150
NKI 100/30	100	110	130	30	1.1	1.5	78.00	163.20	2880	0.990
NKI 100/40	100	110	130	40	1.1	2.0	103.20	233.60	2880	1.340
NKI 110/40	110	120	140	40	1.1		90.40	214.40	2640	1.490
NKI 120/40	120	130	150	40	1.1		92.80	226.40	2480	1.570
NKI 130/32	130	145	170	32	1.5		88.80	190.40	2240	1.900
NKI 130/42	130	145	170	42	1.5		122.40	288.00	2240	2.540
NKI 140/32	140	155	180	32	1.5		91.20	201.60	2080	2.040
NKI 140/42	140	155	180	42	1.5		124.80	304.00	2080	2.690
NKI 150/32	150	165	190	32	1.5		93.60	212.00	1920	2.320

NKS



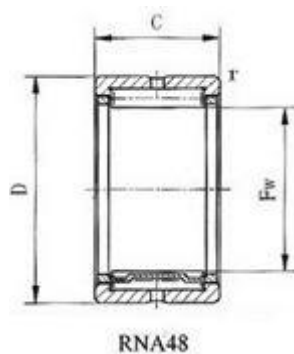
Bearing No.	Boundary Dimensions (mm)				Allowable offset	Basic Load Rating (KN)		Limited Speed	Mass
	Fw	D	C	r min	s	C	Co	rpm	kg
NKS 8	8	16	13	0.3		4.00	3.76	25600	0.011
NKS 10	10	19	13	0.3		4.64	4.80	23200	0.015
NKS 12	12	22	16	0.6		7.68	8.32	20800	0.023
NKS 14	14	25	16	0.6		11.52	11.04	19200	0.029
NKS 15	15	26	16	0.6		11.52	11.20	18400	0.030
NKS 16	16	28	16	0.6		12.56	12.64	17600	0.035
NKS 18	18	30	16	0.6		13.44	14.16	16800	0.038
NKS 20	20	28	20	0.3		18.40	20.00	16000	0.049
NKS 22	22	35	20	0.3		19.60	22.40	14400	0.062
NKS 24	24	37	20	0.6	0.5	20.80	24.80	13600	0.066
NKS 25	25	38	20	0.6		22.00	26.80	13600	0.068
NKS 28	28	42	20	0.6	0.5	22.80	29.20	12000	0.084
NKS 30	30	45	22	0.6		25.60	32.00	11200	0.104
NKS 32	32	47	22	0.6	1.0	26.80	34.80	10400	0.110
NKS 35	35	50	22	0.6		28.00	37.60	9600	0.118
NKS 37	37	52	22	0.6	1.0	29.20	40.00	9600	0.123
NKS 40	40	55	22	0.6		30.40	43.20	8800	0.129
NKS 43	43	58	22	0.6	0.5	31.20	45.60	8000	0.139
NKS 45	45	60	22	0.6		32.40	48.00	8000	0.145
NKS 50	50	65	22	1.0	0.5	34.00	53.60	7200	0.157
NKS 55	55	72	22	1.0	0.5	36.00	59.20	6400	0.221
NKS 60	60	80	28	1.1	2.0	50.40	78.40	6000	0.335
NKS 65	65	85	28	1.1	2.0	53.60	86.40	5600	0.356
NKS 70	70	90	28	1.1	2.0	54.40	90.40	5200	0.380
NKS 75	75	95	28	1.1	2.0	56.80	98.40	4800	0.402
NKS 80	80	100	28	1.1		6.00	106.40	4400	0.413
NKS 115	115	135	32	1.1		72.80	163.20	3200	0.700

NKIS



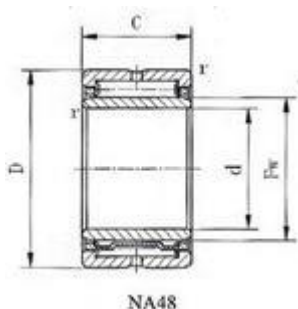
Bearing No.	Boundary Dimensions (mm)					Allow migration	Basic Load Rating (KN)		Limited Speed	Mass
	d	Fw	D	C	r min	s	C	Co	rpm	kg
NKIS 6	6	10	19	13	0.3		4.64	4.80	23200	0.020
NKIS 7	7	12	22	16	0.6		7.68	8.32	20800	0.035
NKIS 8	8	14	25	16	0.6		11.52	11.04	19200	0.047
NKIS 9	9	15	26	16	0.6		11.52	11.20	18400	0.041
NKIS 10	10	16	28	16	0.6		12.56	12.64	17600	0.054
NKIS 12	12	18	30	16	0.6		13.44	14.16	16800	0.060
NKIS 15	15	22	35	20	0.3		19.60	22.40	14400	0.092
NKIS 17	17	24	37	20	0.6	0.5	20.80	24.80	13600	0.098
NKIS 20	20	28	42	20	0.6	0.5	22.80	29.20	12000	0.129
NKIS 25	25	32	47	22	0.6	1.0	26.80	34.80	10400	0.016
NKIS 30	30	37	52	22	0.6	1.0	29.20	40.00	9600	0.184
NKIS 35	35	43	58	22	0.6	0.5	31.20	45.60	8000	0.220
NKIS 40	40	50	65	22	1.0	0.5	34.00	53.60	7200	0.281
NKIS 45	45	55	72	22	1.0	0.5	36.00	59.20	6400	0.336
NKIS 50	50	60	80	28	1.1	2.0	50.40	78.40	6000	0.518
NKIS 55	55	65	85	28	1.1	2.0	53.60	86.40	5600	0.558
NKIS 60	60	70	90	28	1.1	2.0	54.40	90.40	5200	0.560
NKIS 65	65	75	95	28	1.1	2.0	56.80	98.40	4800	0.641
NKIS 70	70	80	100	28	1.1		6.00	106.40	4400	0.680

RNA48



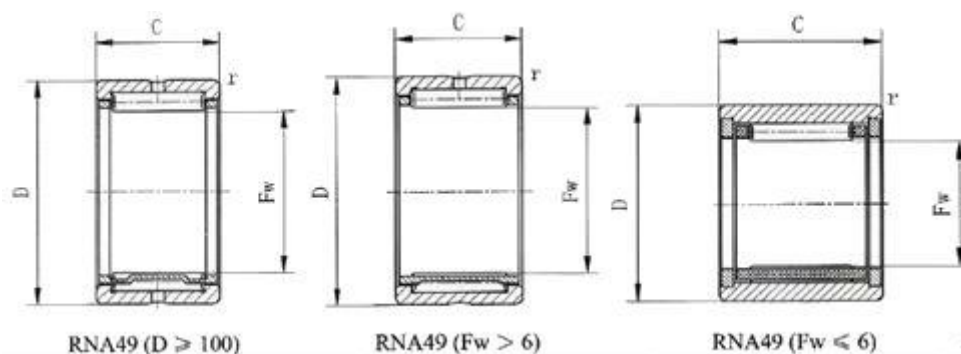
Bearing No.	Boundary Dimensions (mm)					Basic Load Rating (KN)		Limited Speed	Mass
	F_w	D	C	r min	s	C	C_o	rpm	kg
RNA4822	120	140	30	1.0	0.8	74.8	168.0	2640	0.670
RNA4824	130	150	30	1.0	0.8	79.6	186.4	2480	0.730
RNA4826	145	170	35	1.1	1.0	94.4	244.0	2240	0.950
RNA4828	155	175	35	1.1	1.0	96.8	252.0	2080	1.020
RNA4830	165	190	40	1.1	1.5	121.6	312.0	1920	1.600
RNA4832	175	200	40	1.1	1.5	128.0	340.0	1840	1.700
RNA4834	185	215	45	1.1	1.5	148.0	396.0	1760	2.540
RNA4836	195	225	45	1.1	1.5	156.0	432.0	1680	2.680
RNA4838	210	240	50	1.5	1.5	181.6	544.0	1520	3.210
RNA4840	220	250	50	1.5	1.5	184.8	564.0	1440	3.350
RNA4844	210	270	50	1.5	1.5	196.6	616.0	1360	3.620
(RNA4848)	265	300	60	2.0	2.0	288.0	864.0	1200	5.400
(RNA4852)	285	320	60	2.0	2.0	300.0	928.0	1120	5.800
(RNA4856)	305	350	69	2.0	2.5	364.0	1040.0	1040	9.300
(RNA4860)	330	380	80	2.1	2.0	500.0	1416.0	960	12.700
(RNA4864)	350	400	80	2.1	2.0	512.0	1480.0	880	13.400
(RNA4868)	370	420	80	2.1	2.0	524.0	1552.0	880	14.000
(RNA4872)	390	440	80	2.1	2.0	532.0	1616.0	800	14.800
(RNA4876)	415	480	100	2.1	2.0	800.0	2272.0	760	26.000

NA48



Bearing No.	Boundary Dimensions (mm)					Allow migration	Basic Load Rating (KN)		Limited Speed	Mass
	d	Fw	D	C	r min	s	C	Co	rpm	kg
NA4822	110	120	140	30	1.0	0.8	74.8	168.0	2640	1.11
NA4824	120	130	150	30	1.0	0.8	79.6	186.4	2480	1.17
NA4826	130	145	170	35	1.1	1.0	94.4	244.0	2240	1.82
NA4828	140	155	175	35	1.1	1.0	96.8	252.0	2080	1.60
NA4830	150	165	190	40	1.1	1.5	121.6	312.0	1920	2.72
NA4832	160	175	200	40	1.1	1.5	128.0	340.0	1840	2.90
NA4834	170	185	215	45	1.1	1.5	148.0	396.0	1760	3.99
NA4836	180	195	225	45	1.1	1.5	156.0	432.0	1680	4.19
NA4838	190	210	240	50	1.5	1.5	181.6	544.0	1520	5.62
NA4840	200	220	250	50	1.5	1.5	184.8	564.0	1440	5.84
NA4844	220	210	270	50	1.5	1.5	196.6	616.0	1360	6.37
(NA4848)	240	265	300	60	2.0	2.0	288.0	864.0	1200	10.00
(NA4852)	260	285	320	60	2.0	2.0	300.0	928.0	1120	10.80
(NA4856)	280	305	350	69	2.0	2.5	364.0	1040.0	1040	15.50
(NA4860)	300	330	380	80	2.1	2.0	500.0	1416.0	960	22.00
(NA4864)	320	350	400	80	2.1	2.0	512.0	1480.0	880	23.20
(NA4868)	340	370	420	80	2.1	2.0	524.0	1552.0	880	24.10
(NA4872)	360	390	440	80	2.1	2.0	532.0	1616.0	800	25.70
(NA4876)	380	415	480	100	2.1	2.0	800.0	2272.0	760	44.50

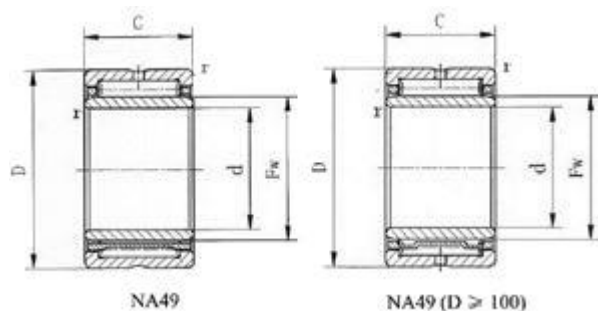
RNA49



Bearing No.	Boundary Dimensions (mm)				Basic Load Rating (KN)		Limited Speed	Mass
	Fw	D	C	r _{min}	C	Co	rpm	kg
RNA493TN	5	11	10	0.15	1.96	1.57	32000	0.005
RNA494TN	6	12	10	0.15	2.20	1.80	30000	0.005
RNA495	7	13	10	0.15	2.24	2.02	27200	0.006
RNA496	8	15	10	0.15	3.14	2.62	25600	0.007
RNA497	9	17	10	0.15	3.44	2.77	24000	0.009
RNA498	10	19	11	0.20	4.71	3.82	22400	0.013
RNA499	12	20	11	0.30	5.02	4.79	20800	0.014
RNA4900	14	22	13	0.30	6.88	7.36	19200	0.017
RNA4901	16	24	13	0.30	7.64	8.72	18400	0.018
RNA49/14	18	26	13	0.30	8.64	10.48	16000	0.020
RNA4902	20	28	13	0.30	8.24	10.24	16000	0.022
RNA4903	22	30	13	0.30	8.96	11.68	14400	0.022
RNA4904	25	37	17	0.30	17.04	20.40	12800	0.052
RNA49/22	28	39	17	0.30	18.56	23.44	11200	0.050
RNA4905	30	42	17	0.30	19.20	25.20	10400	0.061
RNA49/28	32	45	17	0.30	19.84	26.80	10400	0.073
RNA4906	35	47	17	0.30	20.40	28.40	8800	0.069
RNA49/32	40	52	20	0.60	25.20	38.00	8000	0.089
RNA4907	42	55	20	0.60	25.60	40.00	7600	0.107
RNA49/38	45	58	20	0.60	27.44	44.56	7200	0.120
RNA4908	48	62	22	0.60	34.80	53.20	6800	0.140
RNA49/42	50	65	22	0.60	37.42	57.28	6400	0.174
RNA4909	52	68	22	0.60	36.80	58.40	6000	0.182
RNA49/48	55	70	22	0.60	36.08	62.32	6000	0.188
RNA4910	58	72	22	0.60	38.40	64.00	5600	0.163
RNA49/52	60	75	22	0.60	38.40	68.36	5200	0.205

RNA4911	63	80	25	1.00	46.80	79.60	5200	0.255
RNA49/58	65	82	25	1.00	48.08	82.40	4800	0.275
RNA4912	68	85	25	1.00	49.20	86.40	4800	0.275
RNA49/62	70	88	25	1.00	50.16	88.80	4400	0.320
RNA4913	72	90	25	1.00	50.00	89.60	4400	0.312
RNA49/68	75	95	30	1.00	65.20	120.00	4400	0.470
RNA4914	80	100	30	1.00	68.40	124.80	4000	0.460
RNA4915	85	105	30	1.00	69.60	129.60	3760	0.489
RNA4916	90	110	30	1.00	72.40	139.20	3520	0.516
RNA49/82	95	115	30	1.00	73.44	152.00	3200	0.575
RNA4917	100	120	35	1.10	89.60	189.60	3200	0.657
RNA4918	105	125	35	1.10	92.80	201.60	3040	0.697
RNA4919	110	130	35	1.10	94.40	208.00	2880	0.719
RNA4920	115	140	40	1.10	101.60	208.00	2800	1.150
RNA4922	125	150	40	1.10	104.80	223.20	2560	1.240
RNA4924	135	165	45	1.10	144.00	304.00	2400	1.860
RNA4926	150	180	50	1.50	161.60	304.00	2160	2.210
RNA4928	160	190	50	1.50	167.20	388.00	2000	2.350
RNA4930	170	210	60	2.00	208.80	488.00	1920	4.090
RNA4932	180	220	60	2.00	216.00	520.00	1760	4.310
RNA4934	190	230	60	2.00	223.20	552.00	1680	4.530
RNA4936	205	250	69	2.00	300.00	712.00	1600	6.250
RNA4938	215	260	69	2.00	312.00	756.00	1520	6.500
(RNA4940)	225	280	80	2.10	404.00	944.00	1440	10.400
(RNA4944)	240	300	80	2.10	420.00	1016.00	1280	11.200
(RNA4948)	265	320	80	2.10	432.00	1080.00	1200	12.000
(RNA4952)	290	360	100	2.10	644.00	1520.00	1120	21.200
(RNA4956)	310	380	100	2.10	668.00	1624.00	1040	22.500
(RNA4960)	340	420	118	3.00	864.00	2110.00	960	33.400
(RNA4964)	360	440	118	3.00	896.00	2256.00	880	35.200
(RNA4968)	380	460	118	3.00	928.00	2400.00	880	37.000
(RNA4972)	400	480	118	3.00	960.00	2560.00	800	38.700
(RNA4976)	430	520	140	4.00	1120.00	3000.00	760	56.400
(RNA4980)	450	540	140	4.00	1160.00	3200.00	720	58.800
(RNA4984)	470	560	140	4.00	1200.00	3400.00	680	61.200
(RNA4988)	490	600	160	4.00	1400.00	3680.00	640	86.900

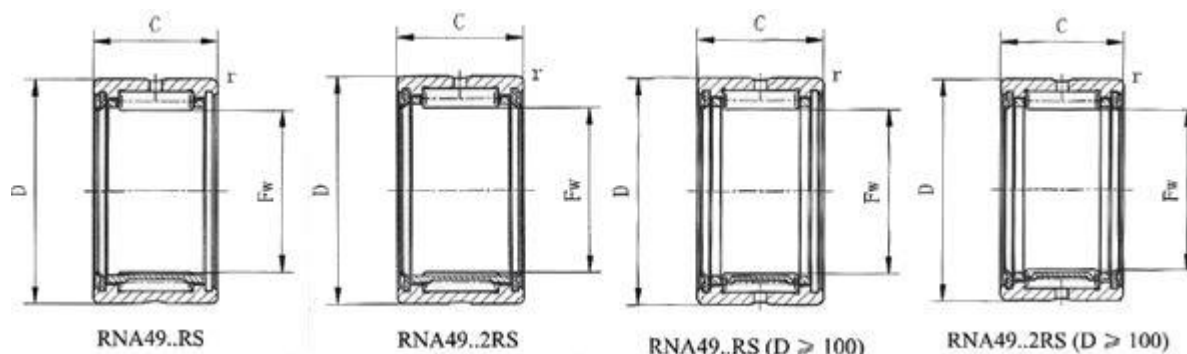
NA49



Bearing No.	Boundary Dimensions (mm)					Allow migration	Basic Load Rating (KN)		Limited Speed	Mass
	d	Fw	D	C	r min	s	C	Co	rpm	kg
NA495	5	7	13	10	0.15	0.5	2.24	2.02	27200	0.007
NA496	6	8	15	10	0.15	0.5	3.14	2.62	25600	0.009
NA497	7	9	17	10	0.15	0.5	3.44	2.77	24000	0.011
NA498	8	10	19	11	0.20	0.5	4.71	3.82	22400	0.015
NA499	9	12	20	11	0.30	0.5	5.02	4.79	20800	0.017
NA4900	10	14	22	13	0.30	0.5	6.88	7.36	19200	0.024
NA4901	12	16	24	13	0.30	0.5	7.64	8.72	18400	0.027
NA4902	15	20	28	13	0.30	0.5	8.24	10.24	16000	0.036
NA4903	17	22	30	13	0.30	0.5	8.96	11.68	14400	0.037
NA4904	20	25	37	17	0.30	0.8	17.04	20.40	12800	0.074
NA49/22	22	28	39	17	0.30	0.8	18.56	23.44	11200	0.080
NA4905	25	30	42	17	0.30	0.8	19.20	25.20	10400	0.088
NA49/28	28	32	45	17	0.30	0.8	19.84	26.80	10400	0.098
NA4906	30	35	47	17	0.30	0.8	20.40	28.40	8800	0.101
NA49/32	32	40	52	20	0.60	0.8	25.20	38.00	8000	0.157
NA4907	35	42	55	20	0.60	0.8	25.60	40.00	7600	0.171
NA4908	40	48	62	22	0.60	1.0	34.80	53.20	6800	0.232
NA4909	45	52	68	22	0.60	1.0	36.80	58.40	6000	0.232
NA4910	50	58	72	22	0.60	1.0	38.40	64.00	5600	0.276
NA4911	55	63	80	25	1.00	1.5	46.80	79.60	5200	0.396
NA4912	60	68	85	25	1.00	1.5	49.20	86.40	4800	0.427
NA4913	65	72	90	25	1.00	1.5	50.00	89.60	4400	0.454
NA4914	70	80	100	30	1.00	1.5	68.40	124.80	4000	0.727
NA4915	75	85	105	30	1.00	1.5	69.60	129.60	3760	0.776
NA4916	80	90	110	30	1.00	1.5	72.40	139.20	3520	0.820
NA4917	85	100	120	35	1.10	1.0	89.60	189.60	3200	1.240
NA4918	90	105	125	35	1.10	1.0	92.80	201.60	3040	1.310

NA4919	95	110	130	35	1.10	1.0	94.40	208.00	2880	1.360
NA4920	100	115	140	40	1.10	2.0	101.60	208.00	2800	1.930
NA4922	110	125	150	40	1.10	2.0	104.80	223.20	2560	2.080
NA4924	120	135	165	45	1.10	2.0	144.00	304.00	2400	2.840
NA4926	130	150	180	50	1.50	1.5	161.60	304.00	2160	2.900
NA4928	140	160	190	50	1.50	1.5	167.20	388.00	2000	4.050
NA4930	150	170	210	60	2.00	1.5	208.80	488.00	1920	6.380
NA4932	160	180	220	60	2.00	1.5	216.00	520.00	1760	6.750
NA4934	170	190	230	60	2.00	1.5	223.20	552.00	1680	7.110
NA4936	180	205	250	69	2.00	1.5	300.00	712.00	1600	10.200
NA4938	190	215	260	69	2.00	1.5	312.00	756.00	1520	10.700
(NA4940)	200	225	280	80	2.10	1.5	404.00	944.00	1440	15.400
(NA4944)	220	240	300	80	2.10	1.5	420.00	1016.00	1280	16.700
(NA4948)	240	265	320	80	2.10	2.0	432.00	1080.00	1200	18.000
(NA4952)	260	290	360	100	2.10	2.0	644.00	1520.00	1120	31.100
(NA4956)	280	310	380	100	2.10	2.0	668.00	1624.00	1040	33.100
(NA4960)	300	340	420	118	3.00	2.0	864.00	2110.00	960	51.400
(NA4964)	320	360	440	118	3.00	2.0	896.00	2256.00	880	54.400
(NA4968)	340	380	460	118	3.00	2.0	928.00	2400.00	880	57.300
(NA4972)	360	400	480	118	3.00	2.0	960.00	2560.00	800	60.200
(NA4976)	380	430	520	140	4.00	2.0	1120.00	3000.00	760	90.300
(NA4980)	400	450	540	140	4.00	2.5	1160.00	3200.00	720	94.400
(NA4984)	420	470	560	140	4.00	2.5	1200.00	3400.00	680	98.500
(NA4988)	440	490	600	160	4.00	2.5	1400.00	3680.00	640	131.000

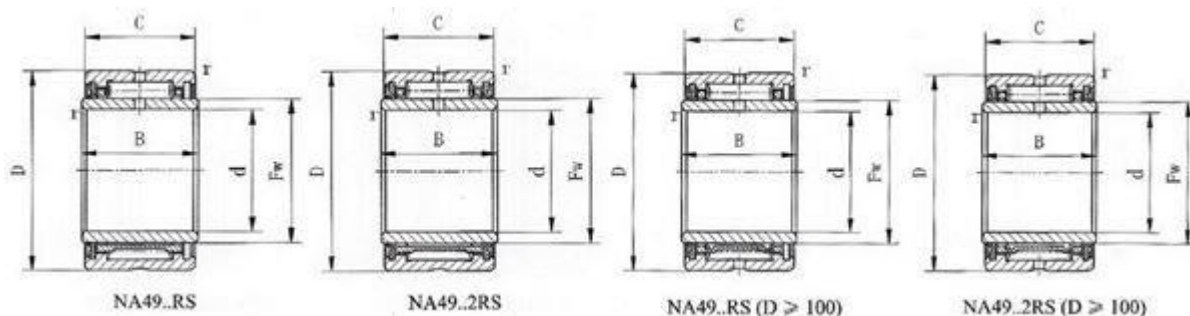
RNA49...RS/RNA49...2RS



Bearing No.		Boundary Dimensions (mm)				Basic Load Rating (KN)		Limited Speed	Mass
		Fw	D	C	r min	C	Co	rpm	kg
RNA4900 2RS	RNA4900 RS	14	22	13	0.3	6.56	6.96	11200	0.016
RNA4901 2RS	RNA4901 RS	16	24	13	0.3	6.88	7.60	9600	0.018
RNA49/14 2RS	RNA49/14 RS	18	26	13	0.3	7.52	8.80	8800	0.020
RNA4902 2RS	RNA4902 RS	20	28	13	0.3	7.84	9.52	7600	0.022
RNA4903 2RS	RNA4903 RS	22	30	13	0.3	8.40	10.72	6800	0.023
RNA4904 2RS	RNA4904 RS	25	37	17	0.3	14.64	16.72	6000	0.055
RNA49/22 2RS	RNA49/22 RS	28	39	17	0.3	14.96	19.28	5600	0.056
RNA4905 2RS	RNA4905 RS	30	42	17	0.3	16.56	20.48	5200	0.063
RNA49/28 2RS	RNA49/28 RS	32	45	17	0.3	17.12	21.84	4800	0.076
RNA4906 2RS	RNA4906 RS	35	47	17	0.3	17.60	23.20	4400	0.071
RNA49/32 2RS	RNA49/32 RS	40	52	20	0.6	23.92	36.00	4000	0.095
RNA4907 2RS	RNA4907 RS	42	55	20	0.6	24.56	37.76	3600	0.112
RNA49/38 2RS	RNA49/38 RS	45	58	20	0.6	25.84	41.12	3200	0.119
RNA4908 2RS	RNA4908 RS	48	62	22	0.6	30.32	47.60	3200	0.150
RNA49/42 2RS	RNA49/42 RS	50	65	22	0.6	31.04	79.60	3200	0.173
RNA4909 2RS	RNA4909 RS	52	68	22	0.6	31.68	51.76	2800	0.197
RNA49/48 2RS	RNA49/48 RS	55	70	22	0.6	32.32	54.00	2800	0.187
RNA4910 2RS	RNA4910 RS	58	72	22	0.6	33.68	58.00	2800	0.177
RNA49/52 2RS	RNA49/52 RS	60	75	22	0.6	34.32	60.08	2400	0.200
RNA4911 2RS	RNA4911 RS	63	80	25	1.0	42.56	69.92	2400	0.265
RNA49/58 2RS	RNA49/58 RS	65	82	25	1.0	43.60	72.80	2400	0.275
RNA4912 2RS	RNA4912 RS	68	85	25	1.0	44.48	75.68	2400	0.285
RNA49/62 2RS	RNA49/62 RS	70	88	25	1.0	45.44	78.56	2000	0.320
RNA4913 2RS	RNA4913 RS	72	90	25	1.0	46.40	81.60	2000	0.325
RNA49/68 2RS	RNA49/68 RS	75	95	30	1.0	60.24	108.80	2000	0.465
RNA4914 2RS	RNA4914 RS	80	100	30	1.0	62.72	116.80	2000	0.495

RNA4915 2RS	RNA4915 RS	85	105	30	1.0	64.96	124.80	1600	0.520
RNA4916 2RS	RNA4916 RS	90	110	30	1.0	65.84	128.80	1600	0.545
RNA49/82 2RS	RNA49/82 RS	95	115	30	1.0	67.84	136.80	1600	0.570
RNA4917 2RS	RNA4917 RS	100	120	35	1.1	84.00	184.00	1520	0.695
RNA4918 2RS	RNA4918 RS	105	125	35	1.1	86.40	193.60	1440	0.730
RNA4919 2RS	RNA4919 RS	110	130	35	1.1	89.60	204.00	1360	0.760
RNA4920 2RS	RNA4920 RS	115	140	40	1.1	109.60	242.40	1360	1.200
RNA4922 2RS	RNA4922 RS	125	150	40	1.1	114.40	263.20	1200	1.280
RNA4924 2RS	RNA4924 RS	135	165	45	1.1	145.60	333.60	1120	1.940
RNA4926 2RS	RNA4926 RS	150	180	50	1.5	168.80	417.60	1040	2.360
RNA4928 2RS	RNA4928 RS	160	190	50	1.5	174.40	448.00	960	2.510

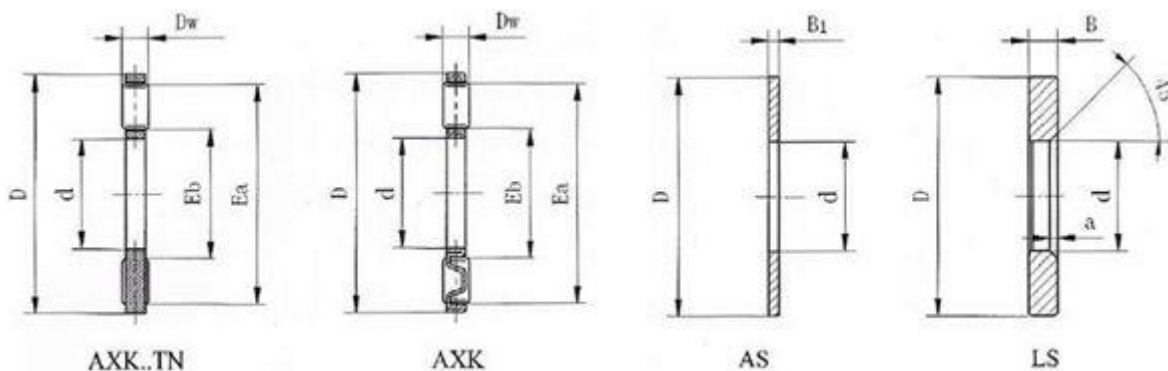
NA49...RS/NA49...2RS



Bearing No.		Boundary Dimensions (mm)					Basic Load Rating (KN)		Limited Speed	Mass
		d	Fw	D	C	r min	C	Co	rpm	kg
NA4900 2RS	NA4900 RS	10	14	22	13	0.3	6.56	6.96	11200	0.025
NA4901 2RS	NA4901 RS	12	16	24	13	0.3	6.88	7.60	9600	0.028
NA4902 2RS	NA4902 RS	15	20	28	13	0.3	7.84	9.52	7600	0.036
NA4903 2RS	NA4903 RS	17	22	30	13	0.3	8.4	10.72	6800	0.040
NA4904 2RS	NA4904 RS	20	25	37	17	0.3	14.64	16.72	6000	0.079
NA49/22 2RS	NA49/22 RS	22	28	39	17	0.3	14.96	19.28	5600	0.080
NA4905 2RS	NA4905 RS	25	30	42	17	0.3	16.56	20.48	5200	0.093
NA49/28 2RS	NA49/28 RS	28	32	45	17	0.3	17.12	21.84	4800	0.101
NA4906 2RS	NA4906 RS	30	35	47	17	0.3	17.60	23.20	4400	0.106
NA49/32 2RS	NA49/32 RS	32	40	52	20	0.6	23.92	36.00	4000	0.167
NA4907 2RS	NA4907 RS	35	42	55	20	0.6	24.56	37.76	3600	0.179
NA4908 2RS	NA4908 RS	40	48	62	22	0.6	30.32	47.60	3200	0.245
NA4909 2RS	NA4909 RS	45	52	68	22	0.6	31.68	51.76	2800	0.290
NA4910 2RS	NA4910 RS	50	58	72	22	0.6	33.68	58.00	2800	0.295
NA4911 2RS	NA4911 RS	55	63	80	25	1.0	42.56	69.92	2400	0.415
NA4912 2RS	NA4912 RS	60	68	85	25	1.0	44.48	75.68	2400	0.445
NA4913 2RS	NA4913 RS	65	72	90	25	1.0	46.40	81.60	2000	0.475
NA4914 2RS	NA4914 RS	70	80	100	30	1.0	62.72	116.80	2000	0.770
NA4915 2RS	NA4915 RS	75	85	105	30	1.0	64.96	124.80	1600	0.815
NA4916 2RS	NA4916 RS	80	90	110	30	1.0	65.84	128.80	1600	0.860
NA4917 2RS	NA4917 RS	85	100	120	35	1.1	84.00	184.00	1520	1.300
NA4918 2RS	NA4918 RS	90	105	125	35	1.1	86.40	193.60	1440	1.360
NA4919 2RS	NA4919 RS	95	110	130	35	1.1	89.60	204.00	1360	1.420
NA4920 2RS	NA4920 RS	100	115	140	40	1.1	109.60	242.40	1360	1.980
NA4922 2RS	NA4922 RS	110	125	150	40	1.1	114.40	263.20	1200	2.150
NA4924 2RS	NA4924 RS	120	135	165	45	1.1	145.60	333.60	1120	2.990
NA4926 2RS	NA4926 RS	130	150	180	50	1.5	168.80	417.60	1040	4.080
NA4928 2RS	NA4928 RS	140	160	190	50	1.5	174.40	448.00	960	4.340

Needle Roller Thrust Bearing

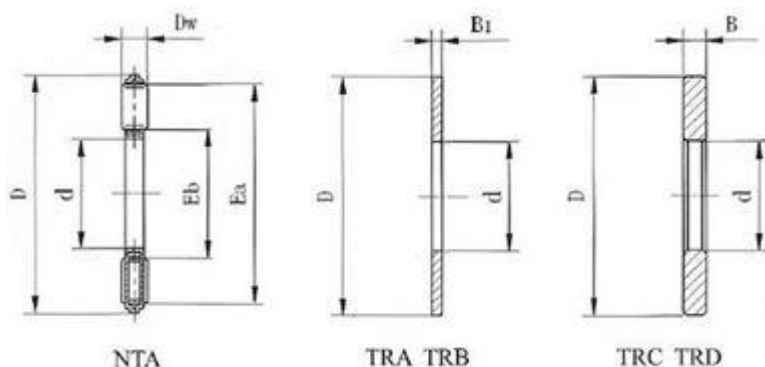
AXK



Bearing No.	Thrust Washer		Boundary Dimensions (mm)								Basic Load Rating (KN)		Limited Speed rpm	Mass kg
			d	D	Dw	B1	B	a	Eb	Ea	C	Co		
AXK0414TN	AS0414		4	14	2	1			5	13	3.52	6.40	16800	0.001
AXK0515TN	AS0515		5	15	2	1			6	14	3.80	7.36	16800	0.001
AXK0619TN	AS0619	LS0619	6	19	2	1	2.75	0.3	7	18	5.44	12.40	15200	0.004
AXK0821TN	AS0821	LS0821	8	21	2	1	2.75	0.3	9	20	6.24	15.52	14400	0.004
AXK1024	AS1024	LS1024	10	24	2	1	2.75	0.3	12	23	7.36	20.40	13600	0.007
AXK1226	AS1226	LS1226	12	26	2	1	2.75	0.3	14	25	7.92	23.20	12000	0.008
AXK1528	AS1528	LS1528	15	28	2	1	2.75	0.3	17	27	9.04	28.80	10400	0.009
AXK1730	AS1730	LS1730	17	30	2	1	2.75	0.3	19	29	9.52	31.60	9600	0.009
AXK2035	AS2035	LS2035	20	35	2	1	2.75	0.3	22	34	10.48	37.20	8000	0.013
AXK2542	AS2542	LS2542	25	42	2	1	3.00	0.6	29	41	11.76	46.40	6800	0.019
AXK3047	AS3047	LS3047	30	47	2	1	3.00	0.6	34	46	13.04	56.00	6000	0.022
AXK3552	AS3552	LS3552	35	52	2	1	3.50	0.6	39	51	14.24	64.80	5200	0.029
AXK4060	AS4060	LS4060	40	60	3	1	3.50	0.6	45	58	22.40	91.20	4800	0.040
AXK4565	AS4565	LS4565	45	65	3	1	4.00	0.6	50	63	24.00	102.40	4000	0.050
AXK5070	AS5070	LS5070	50	70	3	1	4.00	0.6	55	68	25.60	114.40	3840	0.055
AXK5578	AS5578	LS5578	55	78	3	1	5.00	0.6	60	76	30.40	148.80	3440	0.088
AXK6085	AS6085	LS6085	60	85	3	1	4.75	1.0	65	83	35.60	187.20	3200	0.097
AXK6590	AS6590	LS6590	65	90	3	1	5.25	1.0	70	88	37.20	204.00	2960	0.115
AXK7095	AS7095	LS7095	70	95	4	1	5.25	1.0	74	93	43.20	204.00	2800	0.123
AXK75100	AS75100	LS75100	75	100	4	1	5.75	1.0	79	98	44.00	212.00	2640	0.142
AXK80105	AS80105	LS80105	80	105	4	1	5.75	1.0	84	103	44.80	224.00	2480	0.151
AXK85110	AS85110	LS85110	85	110	4	1	5.75	1.0	89	108	46.40	232.00	2400	0.159
AXK90120	AS90120	LS90120	90	120	4	1	6.50	1.0	94	118	58.40	324.00	2160	0.234
AXK100135	AS100135	LS100135	100	135	4	1	7.00	1.0	105	133	72.80	448.00	2000	0.350

AXK110145	AS110145	LS110145	110	145	4	1	7.00	1.0	115	143	77.60	496.00	1840	0.385
AXK120155	AS120155	LS120155	120	155	4	1	7.00	1.0	125	153	81.60	544.00	1680	0.415
AXK130170	AS130170	LS130170	130	170	5	1	9.00	1.0	136	167	106.40	672.00	1520	0.663
AXK140180	AS140180	LS140180	140	180	5	1	9.50	1.0	146	177	110.40	720.00	1440	0.749
AXK150190	AS150190	LS150190	150	190	5	1	9.50	1.0	156	187	114.40	768.00	1360	0.796
AXK160200	AS160200	LS160200	160	200	5	1	9.50	1.0	166	197	118.40	816.00	1280	0.842

NTA



Bearing No.	Thrust Washer				Boundary Dimensions (mm)					Basic Load Rating(KN)		Limited Speed
					d	D	Dw	Eb	Ea	C	Co	rpm
NTA411	TRA411	TRB411	TRC411		6.35	17.45	1.984	8.60	14.70	3.330	7.416	22400
NTA512	TRA512	TRB512			7.93	19.05	1.984	10.20	16.30	3.780	9.036	20000
NTA613	TRA613	TRB613	TRC613		9.52	20.63	1.984	11.70	18.00	3.924	9.864	22400
NTA815	TRA815	TRB815	TRC815		12.70	23.80	1.984	15.00	21.10	4.644	13.176	15200
NTA916	TRA916	TRB916	TRC916		14.27	25.40	1.984	16.50	22.60	5.004	14.796	14400
NTA1018	TRA1018	TRB1018	TRC1018	TRD1018	15.88	28.58	1.984	18.00	25.90	5.724	18.252	12800
NTA1220	TRA1220	TRB1220	TRC1220	TRD1220	19.05	31.75	1.984	21.30	28.90	6.372	21.924	11200
NTA1423	TRA1423	TRB1423	TRC1423	TRD1423	22.23	36.51	1.984	22.10	34.03	8.460	33.156	9600
NTC1427		TRB1427	TRC1427	TRD1427	22.22	42.87	1.984	25.90	39.87	12.348	55.800	8000
NTA1625	TRA1625	TRB1625	TRC1625	TRD1625	25.40	39.68	1.984	27.68	36.83	8.712	35.532	8800
NTA1828	TRA1828	TRB1828	TRC1828	TRD1828	28.58	44.45	1.984	30.73	41.60	10.944	49.320	7840
NTA2031	TRA2031	TRB2031	TRC2031	TRD2031	31.75	49.21	1.984	34.03	46.23	13.284	65.520	7040
NTA2233	TRA2233	TRB2233	TRC2233	TRD2233	34.92	52.38	1.984	37.10	49.50	14.076	72.360	6560
NTA2435	TRA2435	TRB2435	TRC2435	TRD2435	38.10	55.56	1.984	40.40	52.60	15.300	82.800	6160
NTA2840	TRA2840	TRB2840	TRC2840	TRD2840	44.45	63.50	1.984	46.70	58.90	16.704	96.840	5520
NTA3244	TRA3244	TRB3244	TRC3244	TRD3244	50.80	69.85	1.984	53.10	65.30	15.840	93.240	4960
NTA3446	TRA3446	TRB3446	TRC3446	TRD3446	53.39	73.02	1.984	56.40	68.60	16.092	96.840	4720
NTA3648	TRA3648	TRB3648	TRC3648	TRD3648	57.15	76.20	1.984	59.40	71.60	16.344	100.080	4560
NTA3650					57.15	79.37	3.175	59.90	75.20	26.640	136.080	4240
NTA4052	TRA4052	TRB4052	TRC4052	TRD4052	63.50	82.55	1.984	65.80	78.00	16.812	106.920	4160
NTA4458	TRA4458	TRB4458	TRC4458	TRD4458	69.85	92.07	3.175	72.60	87.90	75.040	196.200	3680
NTA4860	TRA4860	TRB4860		TRD4860	76.20	95.25	1.984	78.50	90.70	39.520	120.960	3600
NTA5266	TRA5266			TRD5266	82.55	104.77	3.175	85.30	100.60	80.800	226.440	3200
NTA6074	TRA6074	TRB6074	TRC6074	TRD6074	95.25	117.47	3.175	98.00	113.30	39.600	264.240	2800
NTA6681	TRA6681		TRC6681	TRD6681	104.77	128.58	3.175	107.40	124.50	45.000	320.040	2560