

CYLINDRICAL ROLLER BEARINGS

Cylindrical roller bearings belong to the separate type bearings, whose roller and raceway is linear contact and whose radial load capacity is greater applying to heavy load and shock load and high speed conditions. the mounting and dismounting of such bearing is more convenient, when the requirements of inner and outer ring interference fit, its advantages are demonstrated. this bearing can be classified into single-row, double-row, four-row cylindrical roller bearings according to the rows of rollers. In addition, there are Cylindrical roller bearings with a full complement of rollers and other arrangements, one of which is the most widely used --single row cylindrical roller bearing with cage.

Single-row cylindrical roller bearings can be classified into N style, NU style, NJ style and NF style.

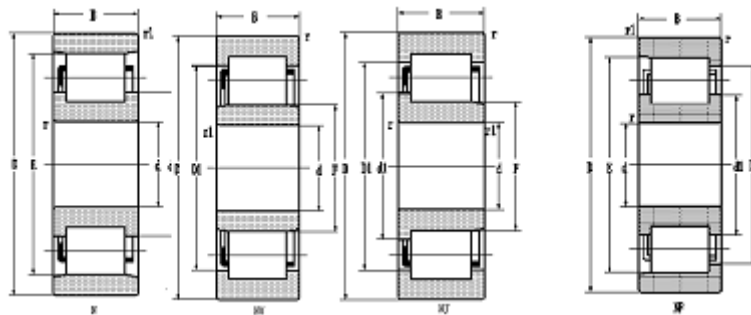
N style have two ribs on the inner ring and the outer ring without ribs; NU type have two ribs on the outer ring and the inner ring without ribs; N type and NU type permit the axis do axial displacement in both directions relative to the housing at a certain range, and are suitable for the non-locating bearings. NJ type have two ribs on the outer ring and one rib on the inner ring; NF type have one rib on outer ring and double ribs on the inner ring; NJ type and NF type can withstand a certain degree of axial load, and permit the shaft do axial displacement in one direction; while, NUP bearing can locate a shaft in both directions. according to different application, NU type and NJ type can be used with HJ thrust collar.

cylindrical roller bearings with Full complement of rollers have two types: single-row (NCF) and double-row (NNCF) full complement of roller cylindrical roller bearings because such bearings have no cage and have larger number of rollers, their carrying capacity is large, but the high speed performance is poor, generally used in low speed and heavy load application.

The cage of cylindrical roller bearing, when its outer diameter $D \leq 400\text{mm}$, generally use pressed

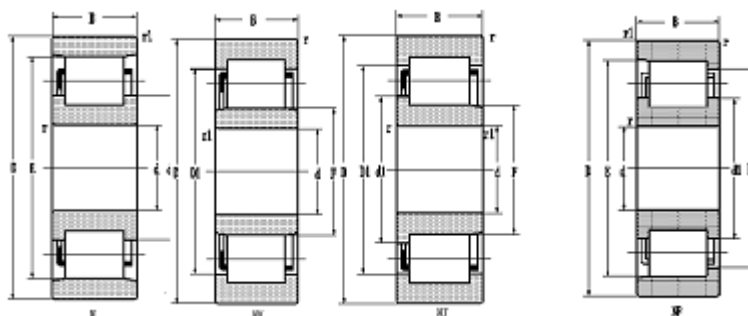
steel plate (or belt) cage, when $D > 400\text{mm}$, use steel or brass machined solid cage; four-row cylindrical roller bearings use brass cage or pin column cage.

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d130-140mm



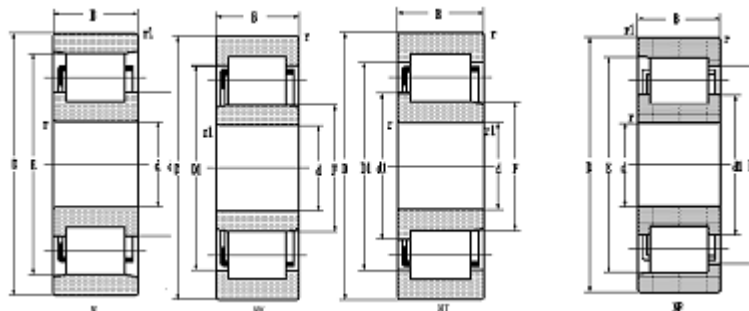
Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{smin}	r _{1smin}	FW(EW)	Dyc Cr	Stc Cor	Grease	oil				
mm							KN		r/min				kg	
130	230	40	11	3	3	153.5	350	495	2200	2800	42226E	NJ226E	7.38	HJ226E
	230	40	-	3	3	153.5	350	495	2200	2800	92226E	NUP226E	7.49	-
	230	64	-	3	3	204	390	625	2200	2800	2526	N2226	11.6	-
	230	64	-	3	3	204	390	625	2200	2800	12526	NF2226	11.7	-
	230	64	11	3	3	156	390	625	2200	2800	32526	NU2226	11.8	HJ2226
	230	64	11	3	3	156	390	625	2200	2800	42526	NJ2226	11.9	HJ2226
	230	64	-	3	3	156	390	625	2200	2800	92526	NUP2226	12.2	-
	230	64	11	3	3	153.5	480	735	2200	2800	32526E	NU2226E	11.5	HJ2226E
	280	58	-	4	4	243	540	725	1800	2200	2326	N326	17.8	-
	280	58	14	4	4	167	540	725	1800	2200	32326	NU326	17.9	HJ326
	280	58	14	4	4	167	540	725	1800	2200	42326	NJ326	18.2	HJ326
	280	93	-	4	4	243	790	1180	1800	2200	2626	N2326	29	-
	280	93	14	4	4	167	790	1180	1800	2200	32626	NU2326	28.7	HJ2326
	280	93	14	4	4	167	790	1180	1800	2200	42626	NJ2326	29	HJ2326
	280	93	-	4	4	167	790	1180	1800	2200	92626	NUP2326	29.5	-
	340	78	18	5	5	185	855	1100	1800	2200	32426	NU426	39.5	HJ426-
140	210	33	-	2	1.1	158	170	240	2400	3000	32128	NU1028	4	-
	210	53	-	2	1.1	158	325	630	2400	3000	303218	NU3028M	7.64	-
	250	42	-	3	3	221	330	490	2000	2600	2228	N228	9.14	-
	250	42	11	3	3	169	330	490	2000	2600	32228	NU228	9.16	HJ228
	250	42	11	3	3	169	330	490	2000	2600	42228	NJ228	9.38	HJ228
	250	42	-	3	3	169	330	490	2000	2600	92228	NUP228	9.51	-
	250	68	11	3	3	169	460	755	2000	2600	32528	NU2228	14.4	HJ2228
	250	68	11	3	3	169	460	755	2000	2600	42528	NJ2228	14.8	HJ2228
	300	62	-	4	4	260	590	800	1800	2200	2328	N328	21.8	-
	300	62	-	4	4	260	590	800	1800	2200	12328	NF328	21.9	-
	300	62	15	4	4	180	590	800	1800	2200	32328	NU328	22.2	HJ328
	300	62	15	4	4	180	590	800	1800	2200	42328	NJ328	22.6	HJ328
	300	62	15	4	4	180	590	800	1800	2200	92328	NUP328	22.3	-
	300	102	-	4	4	260	870	1300	1800	2200	2628	N2328	34.6	-
	300	102	15	4	4	180	870	1300	1800	2200	32628	NU2328	33.6	HJ2328
	300	102	15	4	4	180	870	1300	1800	2200	42628	NJ2328	34.8	HJ2328

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d140-170mm



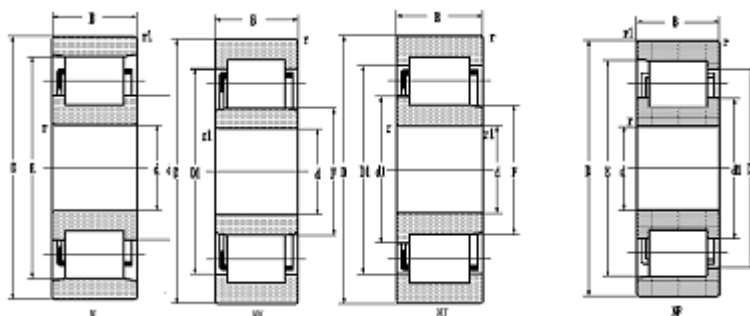
Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{smin}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil				
mm							KN		r/min				kg	
140	360	82	18	5	5	196	920	1200	1700	2000	32428	NU428	45.5	HJ428
	360	82	18	5	5	196	920	1200	1700	2000	42428	NJ428	46.3	HJ428
150	225	35	-	2.1	1.5	205.5	190	300	2600	3200	2130	N1030	4.94	-
	225	35	-	2.1	1.5	169.5	190	300	2600	3200	32130	NU1030	5.05	-
	270	45	-	3	3	238	380	565	1900	2400	2230	N230	11.6	-
	270	45	12	3	3	182	380	565	1900	2400	32230	NU230	11.8	HJ230
	270	45	12	3	3	182	380	565	1900	2400	42230	NJ230	12	HJ230
	270	45	-	3	3	182	380	565	1900	2400	92230	NUP230	12.3	-
	320	65	-	4	4	277	650	890	1700	2000	2330	N330	26.5	-
	320	65	15	4	4	193	650	890	1700	2000	32330	NU330	26.6	HJ330
	320	65	15	4	4	193	650	890	1700	2000	42330	NJ330	26.9	HJ330
	320	65	-	4	4	193	650	890	1700	2000	92330	NUP330	27.4	-
	320	108	-	4	4	277	970	1480	1700	2000	12630	NF2330	43.6	-
	320	108	15	4	4	193	970	1480	1700	2000	32630	NU2330	41.5	HJ2330
320	108	15	4	4	193	970	1480	1700	2000	42630	NJ2330	42.4	HJ2330	
320	128	-	4	4	193	1200	1880	1700	2000	3042330	NJ3330	50	-	
160	220	36	-	2	2	173	230	435	2400	3000	-	NJ2932	4.2	-
	240	38	-	2.1	1.5	180	235	380	2400	3000	32132	NUL032	5.96	-
	240	38	-	2.1	1.5	180	235	380	2400	3000	42132	NJL032	6.15	-
	290	48	-	3	3	255	450	655	1800	2200	2232	N232	14.3	-
	290	48	12	3	3	195	450	655	1800	2200	32232	NU232	14.4	HJ232
	290	48	12	3	3	195	450	655	1800	2200	42232	NJ232	14.5	HJ232
	290	48	-	3	3	195	450	655	1800	2200	92232	NUP232	14.6	-
	290	48	12	3	3	195	625	1000	1800	2200	32532	NU2232	23.3	HJ2232
	340	68	-	4	4	292	685	970	1500	1800	2332	N332	30.8	-
	340	68	15	4	4	208	685	970	1500	1800	32332	NU332	30.9	HJ332
340	68	15	4	4	208	685	970	1500	1800	42332	NJ332	31.5	HJ332	
340	114	-	4	4	292	1020	1610	1500	1800	2632	N2332	51.6	-	
340	114	15	4	4	208	1020	1610	1500	1800	32632	NU2332	54.4	-	
170	260	42	11	2.1	2.1	193	270	440	2200	2800	32134	NU1034	8.23	HJ1034

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d170-190mm



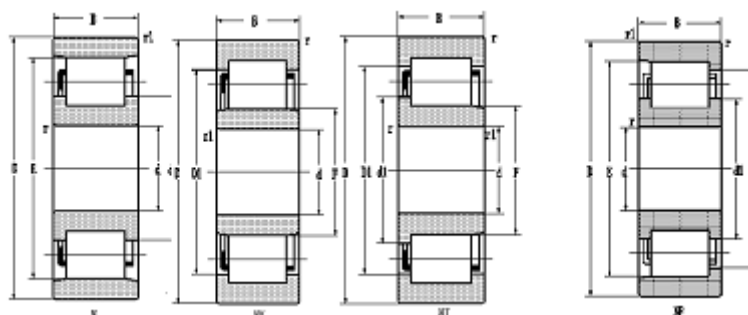
Principle dimensions								Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{smin}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil					
mm								KN		r/min				kg	
170	260	42	-	2.1	2.1	193	270	440	2200	2800	42134	NJ1034	8.5	-	
	310	-	-	4	4	272	500	780	1800	2200	2234	N234	18.2	-	
	310	52	12	4	4	208	500	780	1800	2200	32234	NU234.	18.7	HJ234	
	310	52	12	4	4	208	500	780	1800	2200	42234	NJ234	19.2	HJ234	
	360	72	-	4	4	310	780	1110	1600	1900	2334	N334	37.3	-	
	360	72	16	4	4	220	780	1110	1600	1900	32334	NU334	37.7	HJ334	
	360	72	16	4	4	220	780	1110	1600	1900	42334	NJ334	38.4	HJ334	
	360	120	16	4	4	220	1160	1850	1400	1700	32634	NU2334	61.1	-	
	360	120	16	4	4	220	1160	1850	1400	1700	42634	NJ2334	62.5	-	
177.8	260.35	63.5					418	728				70CD1025	12.3		
180	280	46	12	2.1	2.1	205	310	450	2000	2600	32136	NU1036	10.5	HJ1036	
	320	52	-	4	4	282	505	785	1700	2000	2236	N236	19.7	-	
	320	52	12	4	4	218	505	785	1700	2000	32236	NU236	19.8	HJ236	
	320	52	12	4	4	218	505	785	1700	2000	42236	NJ236	20	HJ236	
	320	52	-	4	4	218	505	785	1700	2000	92236	NUP236	20.5	-	
	320	86	12	4	4	218	950	1580	1700	2000	32536	NU2236	31.4	HJ22236	
	320	86	12	4	4	218	950	1580	1700	2000	42536	NJ2236	31.9	HJ22236	
	320	86	-	4	4	218	950	1580	1700	2000	92536	NUP2236	32.1	-	
	380	75	-	4	4	328	900	1260	1500	1800	2336	N336	39.6	-	
	380	75	17	4	4	232	900	1260	1500	1800	32336	NU336	42.8	HJ336	
	380	126	17	4	4	232	1240	1850	1300	1600	32636	NU2336	69.5	HJ2336	
	380	126	17	4	4	232	1240	1850	1300	1600	42636	NJ2336	72	HJ2336	
190	260	42	-	2	2	207	310	380	2000	2600	2032938	NU2938	6.5	-	
	290	46	12	2.1	2.1	215	370	640	2000	2600	32138	NU1038	10.9	H11038	
	340	55	13	4	4	231	650	900	1600	1900	32238	NU238	21.6	HJ238	
	340	55	13	4	4	231	650	900	1600	1900	42238	NJ238	22	HJ238	
	340	55	-	4	4	231	650	900	1600	1900	92238	NUP238	22.3	-	
	340	92	13	4	4	231	905	1350	1600	1900	32538	NU2238	38.6	HJ2238	
	400	78	-	5	5	345	905	1370	1200	1500	2338	N338	50.2	-	
	400	78	18	5	5	245	905	1370	1200	1500	32338	NU338	48.5	HJ338	
	400	78	18	5	5	245	905	1370	1200	1500	42338	NJ338	49.4	HJ338	

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d200-220mm



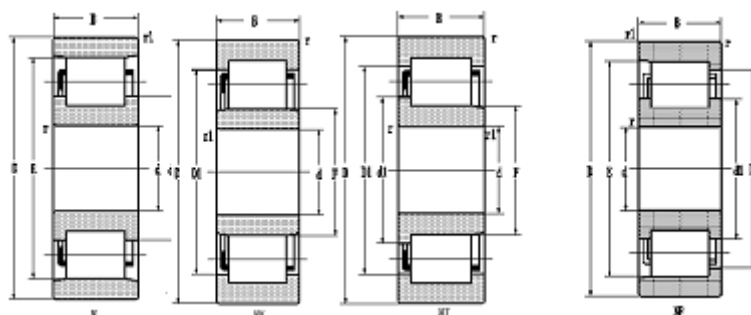
Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{1smin}	r _{2smin}	FW(EW)	Dyc	Stc	Grease	oil				
mm							KN		r/min				kg	
200	310	51	13	2.1	2.1	229	905	705	1900	2400	32140	NU1040	14.3	HJ1040
	310	51	13	2.1	2.1	229	905	705	1900	2400	42140	NJ1040	147	HJ1040
	360	58	-	4	4	316	905	995	1500	1800	2240	N240	26.8	-
	360	58	14	4	4	244	905	995	1500	1800	32240	NU240	26.5	HJ240
	360	58	14	4	4	244	905	995	1500	1800	42240	NJ240	27.1	HJ240
	360	58	14	4	4	243	950	1050	1500	1800	32240E	NU240E	28.5	HJ240E
	360	58	14	4	4	243	950	1050	1500	1800	42240E	NJ240E	29	HJ240E
	360	58	-	4	4	243	950	1050	1500	1800	92240E	NUP240E	29.5	-
	360	98	14	4	4	244	905	1600	1500	1800	42540	NJ2240	45.5	HJ2240
	360	98	-	4	4	244	905	1600	1500	1800	92540	NUP2240	46.3	-
	360	98	14	4	4	241	1100	1750	1500	1800	32540E	NU2240E	46	HJ2240E
	360	98	-	4	4	325	1160	1980	1500	1800	2540E	N2240E	41.5	-
	360	98	14	4	4	241	1160	1980	1500	1800	32540E	NU2240E	42.2	HJ2240E
	420	80	18	5	5	260	900	1200	1300	1600	32340	NU340	56	HJ340
	420	138	-	5	5	360	1620	2640	1200	1500	2640	N2340	94.5	-
	420	138	-	5	5	247	1850	2600	1200	1500	32640	NU2340	96	-
	420	165	-	5	5	260	1950	3900	1200	1500	3032340	NU3340	118	-
	420	165	-	5	5	260	1950	3900	1200	1500	3092340	NUP3340	121	-
220	300	48	-	2.1	1.5	240	370	750	1900	2400	2032944	NU2944	10.5	-
	340	56	14	3	3	250	470	775	1800	2200	32144	NUL044	19.4	HJ1044
	340	56	14	3	3	250	470	775	1800	2200	42144	NJL044	19.6	HJ1044
	400	65	-	4	4	350	760	1220	1500	1800	2244	N244	36.7	-
	400	65	15	4	4	270	760	1220	1500	1800	32244	NU244	35	HJ244
	400	65	15	4	4	270	760	1220	1500	1800	42244	NJ244	35.4	HJ244
	400	65	-	4	4	270	760	1220	1500	1800	92244	NUP244	36	-
	400	108	-	4	4	270	1100	1950	1300	1600	32544	NU2244	62.2	-
	400	108	-	4	4	270	1100	1950	1300	1600	42544	NJ2244	63.3	-
	460	88	20	5	5	284	1160	1730	1200	1500	32344	NU344	73.4	HJ344
	460	145	-	5	5	284	1970	3200	1000	1300	32644	NU2344	114	-
	460	145	-	5	5	407	2050	3350	1000	1300	2644E	N2344E	113	-
	460	145	-	5	5	284	2050	3350	1000	1300	32644E	NU2344E	114	-

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d240-320mm



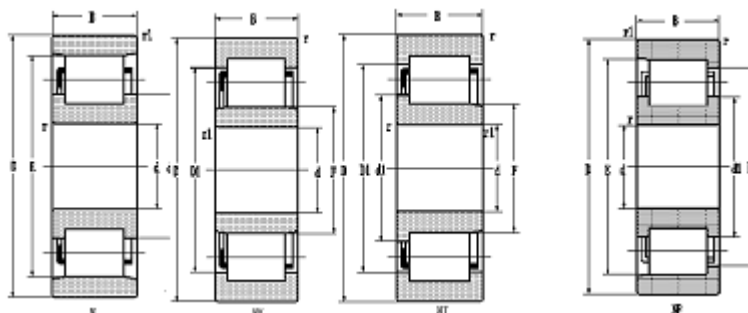
Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{smin}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil				
mm							KN		r/min				kg	
240	320	60					516	1040				NU320	13.6	
	360	56	14	3	3	270	495	855	1700	2000	32148	NU1048	21.2	HJ1048
	440	72	16	4	4	295	950	1540	1300	1600	32248	NU248	46.9	HJ248
	440	72	16	4	4	295	950	1540	1300	1600	42248	NJ248	49.6	HJ248
	440	72	-	4	4	295	950	1540	1300	1600	92248	NUP248	53.5	-
	440	120	16	4	4	295	1350	2150	1200	1500	32548	NU2248	84	HJ2248
	500	95	-	5	5	430	1390	2120	1000	1300	2348	N348	96.3	-
	500	95	22	5	5	310	1390	2120	1000	1300	32348	NU348	96.5	HJ348
	500	155	22	5	5	310	1950	3000	950	1200	32648	NU2348	155	HJ2348
250	380	50	-	4	2.1	347	650	650	1300	1600	2750	N650	20	-
260	400	65	-	4	4	364	625	1090	1500	1800	2152	N1052	36.8	-
	400	65	16	4	4	296	625	1090	1500	1800	32152	NU1052	37.2	HJ1052
	400	65	-	4	4	296	625	1090	1500	1800	92152	NUP1052	37.6	-
	400	82	-	4	4	294	985	1880	1200	1500	2032152	NU2052E	40	-
	480	80	18	5	5	320	1100	1800	1100	1400	32252	NU252	68.5	HJ252
	480	80	18	5	5	320	1100	1800	1100	1400	42252	NJ252	71	HJ252
	480	130	18	5	5	320	1650	2700	1000	1300	32552	NU2252	110	HJ2252
280	420	65	16	4	4	316	640	1100	1400	1700	32156	NU1056	40	HJ1056
	500	80	18	5	5	340	1050	1550	1100	1400	32256	NU256	72	HJ256
	500	80	18	5	5	340	1050	1550	1100	1400	42256	NJ256	73	HJ256
	500	130	18	5	5	327	2000	3000	950	1200	32556	NU2256	115	HJ2256
	580	175	26	6	6	362	2450	3900	850	1000	32656	NU2356	230	HJ2356
292.1	387.35	53.975					580	1170				115AM152	20.4	
300	460	74	19	4	4	340	850	1510	1200	1500	32160	NU1060	44.1	HJ1060
	460	74	19	4	4	340	850	1510	1200	1500	42160	NJ1060	45.1	HJ1060
	460	118	-	4	4	340	1650	1800	1000	1300	3032160	NU3060	73	-
	540	85	20	5	5	364	1370	2270	1000	1300	32260	NU260	86.9	HJ260
	540	140	20	5	5	364	1890	3100	950	1200	32560	NU2260	145	HJ2260
	540	177.6										300RU92	80.6	
	620	109	-	7.5	7.5	385	2100	3300	900	1100	32360	NU360	166	
320	480	74	19	4	4	360	870	1580	1100	1400	32164	NU1064	48.2	HJ1064

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d320-460mm



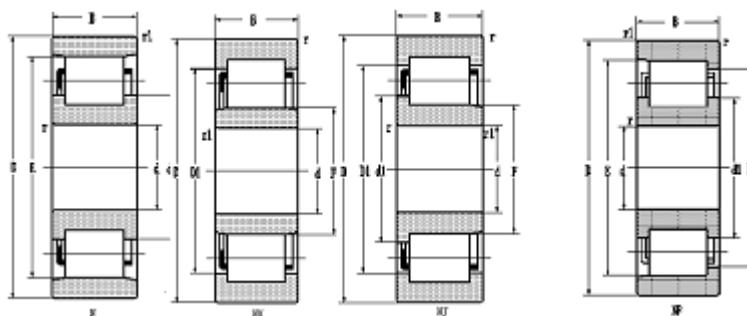
Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{smin}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil				
mm							KN		r/min				kg	
320	480	74	19	4	4	360	870	1580	1100	1400	42164	NJ1064	49	J1064
	480	74	-	4	4	360	870	1580	1100	1400	92164	NUP1064	49.5	-
	580	92	21	5	5	390	1450	2250	950	1200	32264	NU264	115	HJ264
	580	150	21	5	5	390	2150	3600	900	1100	32564	NU2264	180	HJ2264
340	520	82	21	5	5	385	1350	1900	1000	1300	32168	NU1068	65	HJ1068
	620	165	-	6	6	416	2400	4000	850	1000	32568	NU2268	225	-
360	440	38					402	900				NCF1872V	11.5	
	540	82	21	5	5	405	1000	1650	1000	1300	32172	NU1072	68	HJ1072
	600	192	-	5	5	420	3200	6500	800	950	3032772	NU3172	219	-
	650	170	-	6	6	437	2750	2900	800	950	32572E	NU2272	263	-
	750	224	-	7.5	7.5	455	4700	5400	630	750	32672	NU2372	490	-
380	480	60	-	2.1	2.1	455	640	750	1000	1300	2002876	N2876	25	-
	560	82	21	5	5	425	1050	1750	950	1200	32176	NU1076	71	HJ1076
	680	175	-	6	6	462	2850	4950	750	900	32576	NU2276	285	-
400	540	65	-	4	4	434	780	980	950	1200	1032980	NU1980	44	-
	600	90	23	5	5	450	1310	2460	900	1100	32180	NU1080	90	HJ1080
	600	90	-	5	5	450	1310	2460	900	1100	42180	NJ1080	91	-
	600	148	-	5	5	448	2150	3300	800	950	3032180	NU3080	150	-
	650	145	-	6	6	585	2800	3000	750	900	2002780	N2180	195	-
420	620	90	23	4	4	470	1300	2200	900	1100	32184	NU1084	96	HJ1084
440	546	46	-	2.5	1.5	468	410	476	900	1100	32788	NU688	27	-
	650	94	24	6	6	493	1360	2400	850	1000	32188	NU1088	110	HJ1088
	720	122	-	6	6	648	2300	2300	700	900	1002788	N1188	195	-
	720	226	-	6	6	508	4850	9800	600	700	3032788	NU3188	374	-
460	620	95	-	4	4	502	1520	1600	800	950	-	NUP2992	85	-
	680	100	25	6	6	516	1500	2600	800	950	32192	NU1092	125	HJ1092
	760	240	-	7.5	7.5	531	4950	10000	560	670	3032792	NU3192	465	-

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d480-600mm



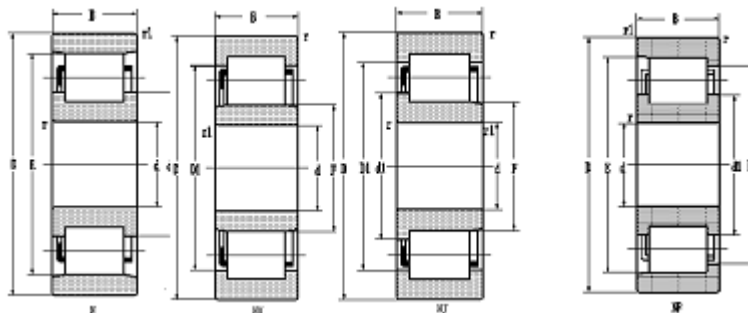
Principle dimensions								Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{min}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil					
mm								KN		r/min				kg	
480	700	100	25	6	6	536	1600	2700	750	900	32196	NU1096	130	Hj1096	
500	620	56	-	3	3	530	800	1700	800	950	-	NU18/500E	39	-	
	670	78	-	5	5	544	1100	2100	750	900	10329/500	NU19/500	79	-	
	670	100	-	5	5	543	1760	4300	750	900	20329/500	NU29/500	101	-	
	670	128	-	5	5	543	2100	4700	750	900	-	NJ39/500E	130	-	
	720	100	25	6	6	556	1800	4350	750	900	321/500	NU10/500	135	HJ10/500	
	720	128	-	6	6	553	2700	5300	630	750	-	NU20/500E	180	-	
	720	167	-	6	6	540.8	3650	7200	630	750	-	NU30/500E	230	-	
	830	264	-	7.5	7.5	576	5800	10800	500	600	-	NU31/500E	595	-	
	920	185	-	7.5	7.5	604	4700	7650	560	670	-	NU12/500	585	-	
530	650	72	-	3	3	622	1050	2890	750	900	-	NF28/530	53	-	
	650	72	-	3	3	560.5	1050	2890	750	900	-	NJ28/530E	52	-	
	710	106	-	5	5	580	1800	4550	700	850	10329/530	NU19/530	123	-	
	710	106	-	5	5	580	1800	4550	700	850	20329/530	NUP29/530	126	-	
	780	112	-	6	6	593	2100	3700	670	800	321/530	NU10/530	190	-	
	780	145	-	6	6	591	3400	6600	560	670	-	NU20/530E	255	-	
560	750	85	-	5	5	608	1500	2900	670	800	10329/560E	NU19/560E	110	-	
	750	112	-	5	5	703	2250	5600	670	800	-	N29/560	140	-	
	820	115	-	6	6	625	2100	3850	630	750	321/560	NU10/560	215	-	
	820	115	-	6	6	625	2100	3850	630	750	421/560	NJ10/560	220	-	
	820	150	-	6	6	626	3500	6900	530	630	-	NU20/560E	290	-	
	1030	206	-	6	6	668	6500	10100	480	560	-	NU12/560	805	-	
600	730	60	-	3	3	632	810	1850	670	800	-	NU18/600E	51	-	
	800	90	-	5	5	649	1750	3500	630	750	110329/600E	NU19/600E	130	-	
	800	90	-	5	5	649	1750	3500	630	750	-	NUP19/600E	140	-	
	800	90	-	5	5	757	1750	3500	630	750	-	NF19/600E	135	-	
	800	118	-	5	5	649	2650	5900	630	750	20329/600E	NUP29/600E	165	-	
	830	150	-	5	5	655	3100	7400	630	750	327/600	-	240	-	
	870	118	-	6	6	667	2500	4600	600	700	321/600	NU10/600	250	-	

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d600-710mm



Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{min}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil				
mm							KN		r/min				kg	
600	870	155	-	6	6	661	3800	7200	500	600	-	NU20/600E	325	-
	870	200	-	6	6	661	4850	9900	500	600	-	NU30/600E	415	-
630	780	88	-	4	4	668	1450	3550	630	750	-	NU28/630	98	-
	780	88	-	4	4	743	1450	3550	630	750	-	N28/630	100	-
	780	112	-	4	4	745	2000	5150	560	670	-	N38/630	120	-
	780	112	-	4	4	745	2000	5150	560	670	-	NF38/630	125	-
	850	100	-	6	6	795	1850	2530	600	700	10029/630	N19/630	165	-
	850	100	-	6	6	688	1850	2530	600	700	10329/630	NU19/630	160	-
	850	100	-	6	6	683	2050	4000	600	700	10329/630E	NU19/630E	165	-
	850	128	-	6	6	685	3000	4200	600	700	20329/630	NU29/630	210	-
	850	128	-	6	6	683	3200	6400	600	700	20329/630E	NU29/630E	220	-
	850	128	-	6	6	683	3200	6400	600	700	-	NUP29/630E	230	-
	920	128	-	7.5	7.5	702	3100	5600	450	530	-	NU10/630E	285	-
	920	128	-	7.5	7.5	702	3100	5600	450	530	-	NUP10/630E	290	-
920	170	-	7.5	7.5	699	4300	8600	450	530	-	NU20/630E	400	-	
670	900	103	-	6	6	728	2100	4300	530	630	10329/670E	NU19/670E	195	-
	900	103	-	6	6	728	2100	4300	530	630	-	NUP19/670E	200	-
	980	136	-	7.5	7.5	747	3400	6150	430	500	321/670E	NU10/670E	350	-
	980	180	-	7.5	7.5	746	4900	9900	430	500	-	NU20/670E	480	-
	980	230	-	7.5	7.5	744	6000	12600	430	500	-	NU30/670	600	-
700	930	160	-	6	6	760	3200	4500	430	500	327/700	NU6/700	300	-
710	870	74	-	4	4	750	1350	3050	530	630	-	NU18/710	98	-
	870	95	-	4	4	831	1750	4500	530	630	-	N28/710E	130	-
	950	106	-	6	6	770	2300	3250	500	600	10329/710	NU19/710	210	-
	950	140	-	6	6	766	3400	7500	500	600	-	NU29/710E	295	-
	950	140	-	6	6	766	3400	7500	500	600	-	NUP29/710E	300	-
	1030	140	-	7.5	7.5	778	4200	7650	430	500	321/710	NU10/710	480	-
	1030	185	-	7.5	7.5	787	5350	10800	400	480	-	NU20/710E	540	-

SINGLE ROW CYLINDRICAL ROLLER BEARINGS d750-1900mm



Principle dimensions							Basic load ratings		Speed ratings		Old spec.	Designations	Weight	thrust collar code
d	D	B	B1	r _{min}	r _{1smin}	FW(EW)	Dyc	Stc	Grease	oil				
mm							KN		r/min				kg	
750	920	78	-	5	5	794	1350	3150	500	600	-	NU18/750	110	-
	1000	112	-	6	6	943	2550	5300	480	560	-	NF19/750E	265	-
	1090	150	-	7.5	7.5	832	4300	7950	360	430	321/750E	NU10/750E	490	-
	1090	195	-	7.5	7.5	832	6350	13200	360	430	-	NU20/750E	635	-
800	980	82	-	5	5	848	1550	3750	450	530	-	NJ18/800E	145	-
	1150	155	-	7.5	7.5	883	4950	9550	340	400	321/800E	NU10/800E	560	-
	1150	200	-	7.5	7.5	882	6350	13150	340	400	-	NU20/800E	715	-
840	1040	125	-	3	3	985	2500	5280	-	-	27/840	N6/840	240	-
850	1030	106	-	5	5	898	1910	5400	-	-	-	NU28/850	190	-
	1030	106	-	5	5	982	1910	5400	-	-	-	N28/850	195	-
	1120	118	-	6	6	919	2900	6300	-	-	-	NU19/850E	330	-
950	1250	175	-	7.5	7.5	1024	5100	13400	-	-	-	NUP29/950	616	-
	1250	224	-	7.5	7.5	1170	6780	15500	-	-	30029/950	N39/950	750	-
1060	1400	150	-	7.5	7.5	1162	4500	10000	-	-	10329/1060	NU19/1060	690	-
1200	1520	185	-	7.5	7.5	1289	5650	17000	-	-	-	NU6/1200	830	-
1250	1500	112	-	6	6	1316	3300	9550	-	-	-	NU18/1250	390	-
	1750	290	-	9.5	9.5	1635	12000	27500	-	-	-	N20/1250	2320	-
1320	1600	122	-	6	6	1385	3450	9000	-	-	-	NU18/1320	530	-
	1720	300	-	7.5	7.5	1640	12000	30600	-	-	-	N39/1320	1900	-
	1850	400	-	12	12	1737	19500	49500	-	-	-	N30/1320	3550	-
1400	1700	175	-	7.5	7.5	1637	5950	16500	-	-	-	N28/1400	860	-
1900	2300	175	-	9.5	9.5	2204	7750	22500	-	-	-	N18/1900	1480	-