

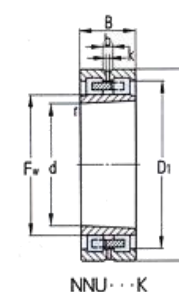
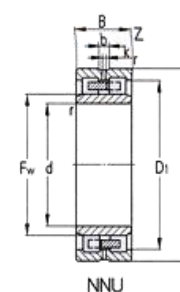
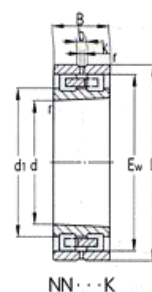
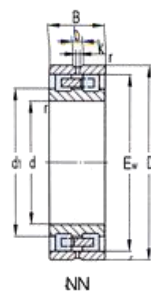


NN series Double row
cylindrical roller bearings
for machine tool spindle
with P2, P4, P5, UP, SP
grade

Dalian Goldbull Bearing Co.,Ltd

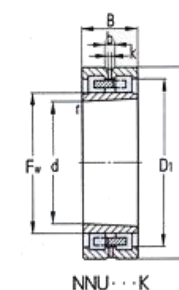
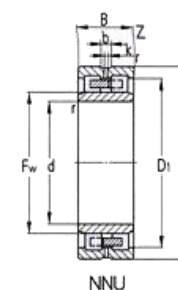
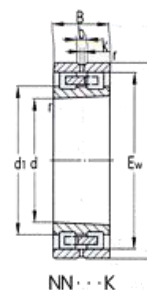
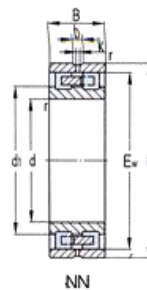
www.gb-bearing.com

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



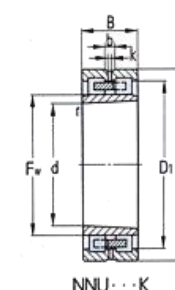
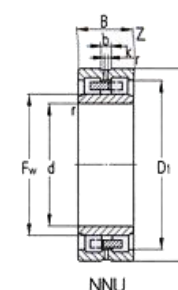
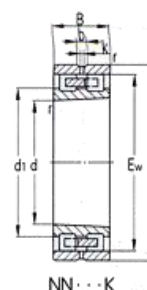
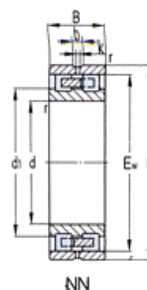
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3182116	NN3016K	80	125	34	1.1	130	200	4800	6000	1.5
3282116	NN3016	80	125	34	1.1	130	200	4800	6000	1.5
3182117	NN3017K	85	130	34	1.1	135	224	4500	5600	1.6
3282117	NN3017	85	130	34	1.1	135	224	4500	5600	1.6
3182118	NN3018K	90	140	37	1.5	147	260	4300	5000	2.0
3282118	NN3018	90	140	37	1.5	147	260	4300	5000	2.0
3182119	NN3019K	95	145	37	1.5	150	246	4000	5000	2.26
3282119	NN3019	95	145	37	1.5	150	246	4000	5000	2.26
3182920	NN3920K	100	140	30	1.1	106	182	4400	5500	1.32
3282920	NN3920	100	140	30	1.1	106	182	4400	5500	1.32
3382920	NNU3920K	100	140	30	1.1	106	182	4400	5500	1.32
3482920	NNU3920	100	140	30	1.1	106	182	4400	5500	1.32
4382920	NNU4920K	100	140	40	1.1	155	295	4000	5000	1.9
4482920	NNU4920	100	140	40	1.1	155	295	4000	5000	1.9
3182120	NN3020K	100	150	37	1.5	168	292	4000	4800	2.17
3282120	NN3020	100	150	37	1.5	168	292	4000	4800	2.17
4482748	NNU4020	100	150	50	1.5	168	192	3600	4500	3.11

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



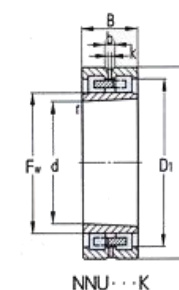
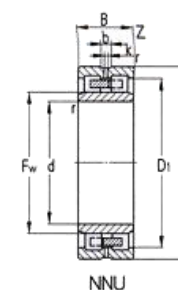
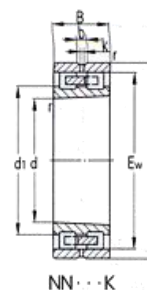
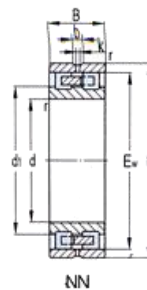
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3182720	NN3120K	100	165	52	1.5	234	360	2800	3360	4.38
3282720	NN3120	100	165	52	1.5	234	360	2800	3360	4.38
4182921	NN4921K	105	145	40	1	161	315	3800	4800	1.99
4282921	NN4921	105	145	40	1	161	315	3800	4800	1.99
4382921	NNU4921K	105	145	40	1	161	315	3800	4800	1.99
4482921	NNU4921	105	145	40	1	161	315	3800	4800	1.99
3182121	NN3021K	105	160	41	2	192	350	3800	4500	2.88
3282121	NN3021	105	160	41	2	192	350	3800	4500	2.88
3382121	NNU3021K	105	160	41	2	192	350	3800	4500	2.9
3482121	NNU3021	105	160	41	2	192	350	3800	4500	2.9
3182922	NN3922K	110	150	30	1.1	114	207	4000	5000	1.41
3282922	NN3922	110	150	30	1.1	114	207	4000	5000	1.41
3382922	NNU3922K	110	150	30	1.1	114	207	4000	5000	1.41
3482922	NNU3922	110	150	30	1.1	114	207	4000	5000	1.41
4182922	NN4922K	110	150	40	1.1	167	335	3600	4500	2.07
4282922	NN4922	110	150	40	1.1	167	335	3600	4500	2.07
4382922	NNU4922K	110	150	40	1.1	167	335	3600	4500	2.07
4482922	NNU4922	110	150	40	1.1	167	335	3600	4500	2.07
3182122	NN3022K	110	170	45	2	220	375	3400	4300	3.71

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



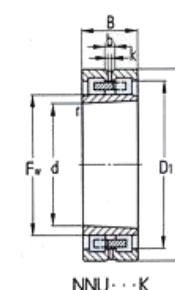
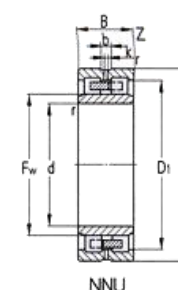
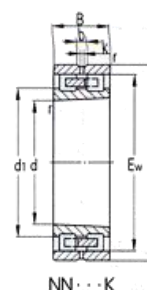
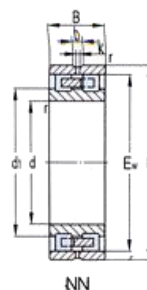
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3282122	NN3022	110	170	45	2	220	375	3400	4300	3.71
3382182	NNU3022K	110	170	45	2	220	375	3400	4300	3.74
3482182	NNU3022	110	170	45	2	220	375	3400	4300	3.74
3182722	NN3122K	110	180	56	2	290	450	2380	3000	5.4
3282722	NN3122	110	180	56	2	290	450	2380	3000	5.4
3182924	NN3924K	120	165	34	1.1	138	251	3600	4400	2.02
3282924	NN3924	120	165	34	1.1	138	251	3600	4400	2.02
3382924	NNU3924K	120	165	34	1.1	138	251	3600	4400	2.02
3482924	NNU3924	120	165	34	1.1	138	251	3600	4400	2.02
4182924	NN4924K	120	165	45	1.1	183	360	3200	4000	2.85
4282924	NN4924	120	165	45	1.1	183	360	3200	4000	2.85
4382924	NNU4924K	120	165	45	1.1	183	360	3200	4000	2.85
4482924	NNU4924	120	165	45	1.1	183	360	3200	4000	2.85
3182124	NN3024K	120	180	46	2	238	405	3200	3800	3.85
3282124	NN3024	120	180	46	2	238	405	3200	3800	3.85
3382124	NNU3024K	120	180	46	2	238	405	3200	3800	4.07
3482124	NNU3024	120	180	46	2	238	405	3200	3800	4.07
3182724	NN3124K	120	200	62	2	355	550	2240	2660	7.72
3282724	NN3124	120	200	62	2	355	550	2240	2660	7.72

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



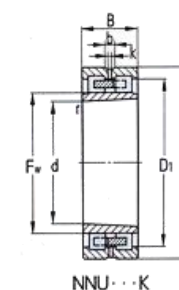
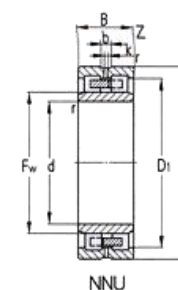
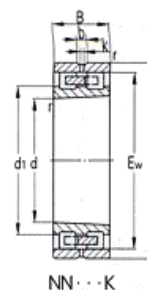
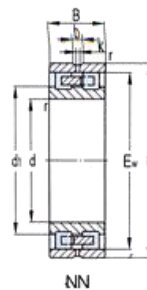
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4182826	NN4826K	130	165	35	1	107	238	3600	4800	1.82
4282826	NN4826	130	165	35	1	107	238	3600	4800	1.82
4382826	NNU4828K	130	165	35	1	107	238	3600	4800	1.82
4482826	NNU4828	130	165	35	1	107	238	3600	4800	1.82
3182926	NN3926K	130	180	37	1.5	173	325	3300	4100	2.59
3282926	NN3926	130	180	37	1.5	173	325	3300	4100	2.59
3382926	NNU3926K	130	180	37	1.5	173	325	3300	4100	2.59
3482926	NNU3926	130	180	37	1.5	173	325	3300	4100	2.59
4182926	NN4926K	130	180	50	1.5	274	545	3000	3800	3.85
4282926	NN4926	130	180	50	1.5	274	545	3000	3800	3.85
4382926	NNU4926K	130	180	50	1.5	274	545	3000	3800	3.85
4482926	NNU4926	130	180	50	1.5	274	545	3000	3800	3.85
3182126	NN3026K	130	200	52	2	284	475	3000	3600	5.54
3282126	NN3026	130	200	52	2	284	475	3000	3600	5.54
3382126	NNU3026K	130	200	52	2	284	475	3000	3600	5.92
3482126	NNU3026	130	200	52	2	284	475	3000	3600	5.92
3182726	NN3126K	130	210	64	2	360	580	2100	2520	8.49
3282726	NN3126	130	210	64	2	360	580	2100	2520	8.49
3182928	NN3928K	140	190	37	1.5	201	375	3100	3950	2.78
3282928	NN3928	140	190	37	1.5	201	375	3100	3950	2.78

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



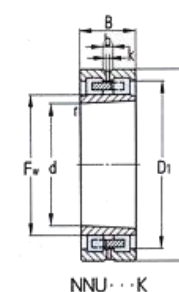
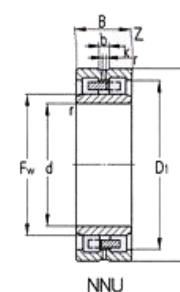
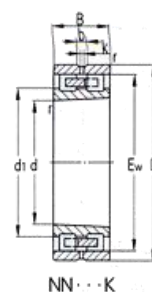
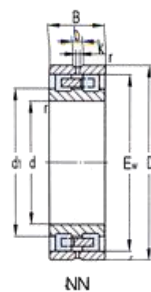
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3382938	NNU3928K	140	190	37	1.5	201	375	3100	3950	2.78
3482928	NNU3928	140	190	37	1.5	201	375	3100	3950	2.78
4182928	NN4928K	140	190	50	1.5	283	585	2800	3600	4.08
4282928	NN4928	140	190	50	1.5	283	585	2800	3600	4.08
4382928	NNU4928K	140	190	50	1.5	283	585	2800	3600	4.08
4482928	NNU4928	140	190	50	1.5	283	585	2800	3600	4.08
3182128	NN3028K	140	210	53	2	298	515	2800	3400	6.05
3282128	NN3028	140	210	53	2	298	515	2800	3400	6.05
3382128	NNU3028K	140	210	53	2	298	515	2800	3400	6.38
3482128	NNU3028	140	210	53	2	298	515	2800	3400	6.38
3182728	NN3128K	140	225	68	2.1	360	580	1960	2380	10.1
3282728	NN3128	140	225	68	2.1	360	580	1960	2380	10.1
3182930	NN3930K	150	210	45	2	262	490	2860	3520	4.47
3282930	NN3930	150	210	45	2	262	490	2860	3520	4.47
3382930	NNU3930K	150	210	45	2	262	490	2860	3520	4.47
3482930	NNU3930	150	210	45	2	262	490	2860	3520	4.47
4182930	NN4930K	150	210	60	2	350	715	2600	3200	6.3.9
4282930	NN4930	150	210	60	2	350	715	2600	3200	6.3.9
4382930	NNU4930K	150	210	60	2	350	715	2600	3200	6.3.9
4482930	NNU4930	150	210	60	2	350	715	2600	3200	6.3.9

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



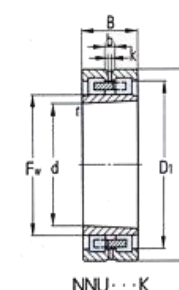
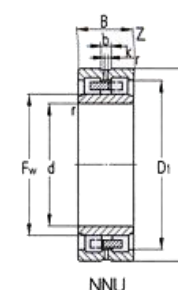
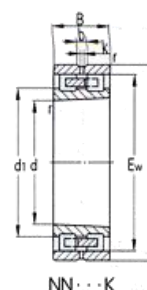
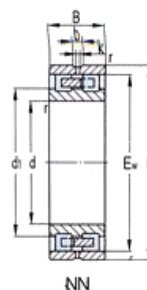
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3182130	NN3030K	150	225	56	2	335	585	2600	3000	7.75
3282130B	NN3030	150	225	56	2	335	585	2600	3000	7.75
3382130	NNU3030K	150	225	56	2	335	585	2600	3000	7.81
3482130	NNU3030	150	225	56	2	335	585	2600	3000	7.81
3182730	NN3130K	150	250	80	2.1	535	860	1820	2100	15.4
3182730	NN3130	150	250	80	2.1	535	860	1820	2100	15.4
4182832	NN4832K	160	200	40	1	150	355	2880	3600	2.95
4282832	NN4832	160	200	40	1	150	355	2880	3600	2.95
4382832	NNU4832K	160	200	40	1	150	355	2880	3600	2.95
4482832	NNU4832	160	200	40	1	150	355	2880	3600	2.95
3182932	NN3932K	160	220	45	2	271	520	3520	3300	5.02
3282932	NN3932	160	220	45	2	271	520	3520	3300	5.02
3382932	NNU3932K	160	220	45	2	271	520	3520	3300	5.02
3482932	NNU3932	160	220	45	2	271	520	3520	3300	5.02
4182932	NN4932K	160	220	60	2	365	760	2400	3000	6.76
4282932	NN4932	160	220	60	2	365	760	2400	3000	6.76
4382932	NNU4932K	160	220	60	2	365	760	2400	3000	6.76
4482932	NNU4932	160	220	60	2	365	760	2400	3000	6.76
3182132	NN3032K	160	240	60	2	375	660	2400	2800	8.4
3282132	NN3032	160	240	60	2	375	660	2400	2800	8.4

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



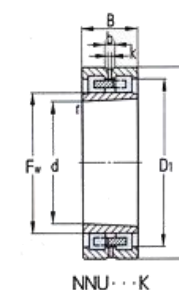
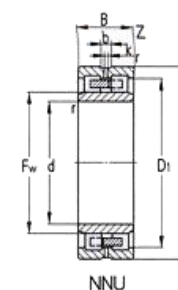
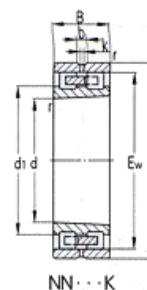
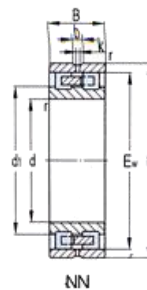
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3382132	NNU3032K	160	240	60	2	375	660	2400	2800	9.48
3482132	NNU3032	160	240	60	2	375	660	2400	2800	9.48
4182132	NN4032K	160	240	80	2.1	510	985	1920	2240	12.7
4282132	NN4032	160	240	80	2.1	510	985	1920	2240	12.7
4382132	NNU4032K	160	240	80	2.1	510	985	1920	2240	12.7
4482132	NNU4032	160	240	80	2.1	510	985	1920	2240	12.7
3182732	NN3132K	160	270	86	2.1	620	1000	1680	1960	19.8
3282732	NN3132	160	270	86	2.1	620	1000	1680	1960	19.8
3182934	NN3934K	170	230	45	2	280	550	2640	3080	5.4
3282934	NN3934	170	230	45	2	280	550	2640	3080	5.4
3382934	NNU3934K	170	230	45	2	280	550	2640	3080	5.4
3482934	NNU3934	170	230	45	2	280	550	2640	3080	5.4
4182934	NN4934K	170	230	60	2	375	805	2400	2800	7.2
4282934	NN4934	170	230	60	2	375	805	2400	2800	7.2
4382934	NNU4934K	170	230	60	2	375	805	2400	2800	7.2
4482934	NNU4934	170	230	60	2	375	805	2400	2800	7.2
3182134	NN3034K	170	260	67	2	450	860	2200	2600	12.8
3282134	NN3034	170	260	67	2	450	860	2200	2600	12.8
3382134	NNU3034K	170	260	67	2	450	860	2200	2600	12.9
3482134	NNU3034	170	260	67	2	450	860	2200	2600	12.9

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



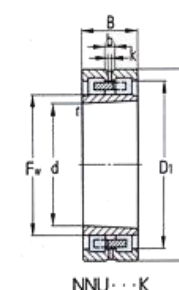
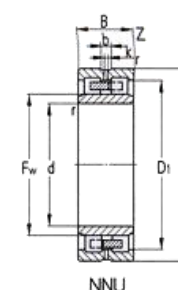
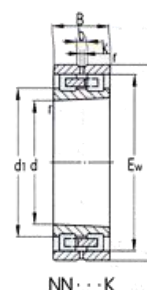
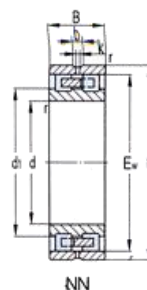
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3182734	NN3134K	170	280	88	2.1	635	1050	1540	1820	21.4
3282734	NN3134	170	280	88	2.1	635	1050	1540	1820	21.4
4182836	NN4836K	180	225	45	1	225	535	2640	3120	4.15
4282836	NN4836	180	225	45	1	225	535	2640	3120	4.15
4382836	NNU4836K	180	225	45	1	225	535	2640	3120	4.15
4482836	NNU4836	180	225	45	1	225	535	2640	3120	4.15
3182936	NN3936K	180	250	52	2	340	655	2420	2860	7.2
3282936	NN3936	180	250	52	2	340	655	2420	2860	7.2
3382936	NNU3936K	180	250	52	2	340	655	2420	2860	7.2
3482936	NNU3936	180	250	52	2	340	655	2420	2860	7.2
4182936	NN4936K	180	250	69	2	480	1020	2200	3600	10.4
4282936	NN4936	180	250	69	2	480	1020	2200	3600	10.4
4382936	NNU4936K	180	250	69	2	480	1020	2200	3600	10.4
4482936	NNU4936	180	250	69	2	480	1020	2200	3600	10.4
3182136	NN3036K	180	280	74	2	565	1090	2200	2400	16.8
3282136	NN3036	180	280	74	2	565	1090	2200	2400	16.8
3382136	NNU3036K	180	280	74	2	565	1090	2200	2400	16.9
3482136	NNU3036	180	280	74	2	565	1090	2200	2400	16.9
3182938	NN3938K	190	260	52	2	345	680	2200	2600	8.2

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



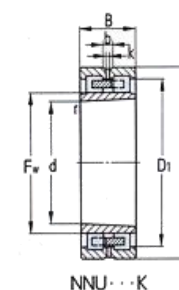
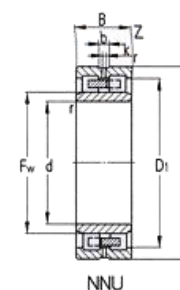
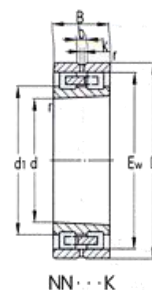
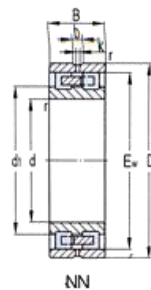
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3282938	NN3938	190	260	52	2	345	680	2200	2600	8.2
3382938	NNU3938K	190	260	52	2	345	680	2200	2600	8.2
3482938	NNU3938	190	260	52	2	345	680	2200	2600	8.2
4182938	NN4938K	190	260	69	2	485	1060	2000	2600	10.9
4282938	NN4938	190	260	69	2	485	1060	2000	2600	10.9
4382938	NNU4938K	190	260	69	2	485	1060	2000	2600	10.9
4482938	NNU4938	190	260	69	2	485	1060	2000	2600	10.9
3182138	NN3038K	190	290	75	2	595	1140	2000	2400	17.8
3282138	NN3038	190	290	75	2	595	1140	2000	2400	17.8
3382138	NNU3038K	190	290	75	2	595	1140	2000	2400	17.9
3482138	NNU3038	190	290	75	2	595	1140	2000	2400	17.9
4182138	NN4038K	190	290	100	2.1	825	1640	1760	2080	21
4282138	NN4038	190	290	100	2.1	825	1640	1760	2080	21
4382138	NNU4038	190	290	100	2.1	825	1640	1760	2080	21
4482138	NNU4038	190	290	100	2.1	825	1640	1760	2080	21
3182738	NN3138K	190	320	104	3	840	1420	1300	1600	33.8
3282738	NN3138	190	320	104	3	840	1420	1300	1600	33.8
3182940	NN3940K	200	280	60	2	420	815	2010	2410	10.6
3282940	NN3940	200	280	60	2	420	815	2010	2410	10.6
3382940	NNU3940K	200	280	60	2	420	815	2010	2410	10.6

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



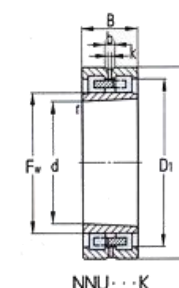
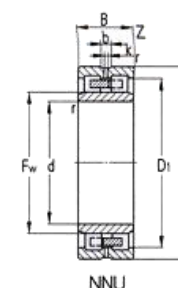
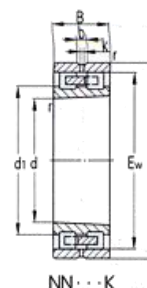
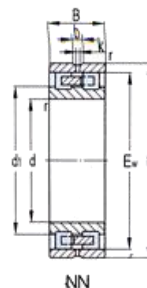
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3482940	NNU3940	200	280	60	2	420	815	2010	2410	10.6
4182940	NN4940K	200	280	80	2	570	1220	1900	2400	15.3
4282940	NN4940	200	280	80	2	570	1220	1900	2400	15.3
4382940	NNU4940K	200	280	80	2	570	1220	1900	2400	15.3
4482940	NNU4940	200	280	80	2	570	1220	1900	2400	15.3
3182140	NN3040K	200	310	82	2	655	1340	1900	2400	22.7
3282140	NN3040	200	310	82	2	655	1340	1900	2400	22.7
3382140	NNU3040K	200	310	82	2	655	1340	1900	2400	22.9
3482140	NNU3040	200	310	82	2	655	1340	1900	2400	22.9
4182140	NN4040K	200	310	109	2.1	890	1730	1440	1760	30.4
4282140	NN4040	200	310	109	2.1	890	1730	1440	1760	30.4
4382140	NNU4040K	200	310	109	2.1	890	1730	1440	1760	30.4
4482140	NNU4040	200	310	109	2.1	890	1730	1440	1760	30.4
3182944	NN3944K	220	300	60	2	440	895	1870	2410	11.4
3282944	NN3944	220	300	60	2	440	895	1870	2410	11.4
3382944	NNU3944K	220	300	60	2	440	895	1870	2410	11.4
3482944	NNU3944	220	300	60	2	440	895	1870	2410	11.4
4182944	NN4944K	220	300	80	2	600	1330	1700	2200	16.6
4282944	NN4944	220	300	80	2	600	1330	1700	2200	16.6
4382944	NNU4944K	220	300	80	2	600	1330	1700	2200	16.6

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



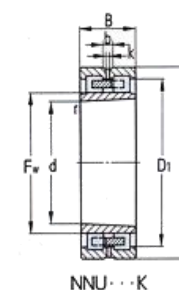
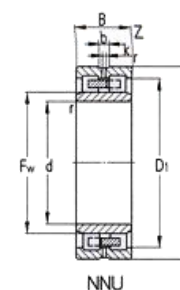
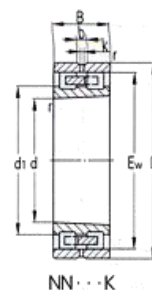
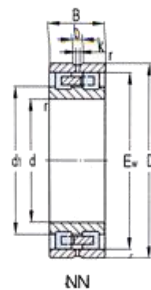
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4482944	NNU4944	220	300	80	2	600	1330	1700	2200	16.6
3182144	NN3044K	220	340	90	3	815	1580	1800	2200	29.6
3282144	NN3044	220	340	90	3	815	1580	1800	2200	29.6
3382144	NNU3044K	220	340	90	3	815	1580	1800	2200	30
3482144	NNU3044	220	340	90	3	815	1580	1800	2200	30
4182144	NN4044K	220	340	118	3	1190	2400	1360	1650	39.8
4282144	NN4044	220	340	118	3	1190	2400	1360	1650	39.8
4382144	NNU4044K	220	340	118	3	1190	2400	1360	1650	39.8
4482144	NNU4044	220	340	118	3	1190	2400	1360	1650	39.8
3182744	NN3144K	220	370	120	4	1050	1810	1190	1400	51.9
3282744	NN3144	220	370	120	4	1050	1810	1190	1400	51.9
3482744	NNU3144	220	370	120	4	1050	1810	1190	1400	51.9
4182848	NN4848K	240	300	60	1.1	405	1030	1920	2400	9.77
4282848	NN4848	240	300	60	1.1	405	1030	1920	2400	9.77
4382848	NNU4848K	240	300	60	1.1	405	1030	1920	2400	9.77
4482848	NNU4848	240	300	60	1.1	405	1030	1920	2400	9.77
3182948	NN3948K	240	320	60	2.1	460	975	1760	2000	12.2
3282948	NN3948	240	320	60	2.1	460	975	1760	2000	12.2
3382948	NNU3948K	240	320	60	2.1	460	975	1760	2000	12.2
3482948	NNU3948	240	320	60	2.1	460	975	1760	2000	12.2

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



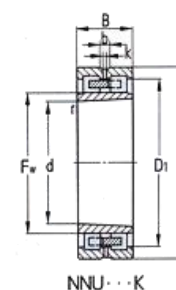
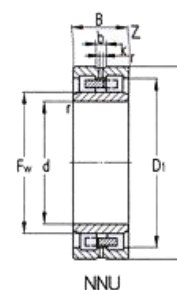
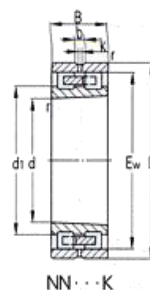
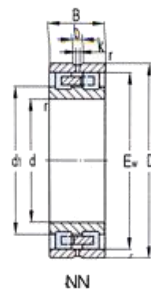
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4182948	NN4948K	240	320	80	2.1	625	1450	1600	2000	18
4282948	NN4948	240	320	80	2.1	625	1450	1600	2000	18
4382948	NNU4948K	240	320	80	2.1	625	1450	1600	2000	18
4482948	NNU4948	240	320	80	2.1	625	1450	1600	2000	18
3182148	NN3048K	240	360	92	3	870	1690	1700	2000	32.7
3282148	NN3048	240	360	92	3	870	1690	1700	2000	32.7
3382148	NNU3048K	240	360	92	3	870	1690	1700	2000	32.6
3482148	NNU3048	240	360	92	3	870	1690	1700	2000	32.6
4182148	NN4048K	240	360	118	3	1240	2600	1200	1550	42.5
4282148	NN4048	240	360	118	3	1240	2600	1200	1550	42.5
4382148	NNU4048K	240	360	118	3	1240	2600	1200	1550	42.5
4482148	NNU4048	240	360	118	3	1240	2600	1200	1550	42.5
3182748	NN3148K	240	400	128	4	1170	2040	1050	1260	64.2
3282748	NN3148	240	400	128	4	1170	2040	1050	1260	64.2
3182952	NN3952K	260	360	75	2.1	670	1380	1540	1900	21.4
3282952	NN3952	260	360	75	2.1	670	1380	1540	1900	21.4
3382952	NNU3952K	260	360	75	2.1	670	1380	1540	1900	21.4
3482952	NNU3952	260	360	75	2.1	670	1380	1540	1900	21.4
4182952	NN4952K	260	360	100	2	941	2050	1400	1700	30
4282952	NN4952	260	360	100	2	941	2050	1400	1700	30

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



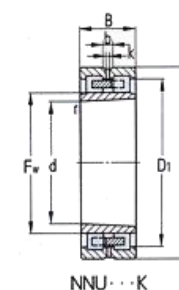
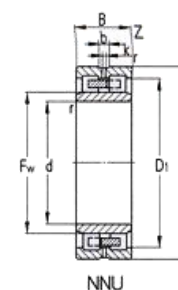
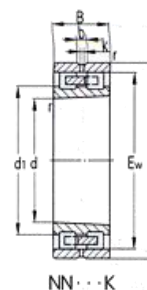
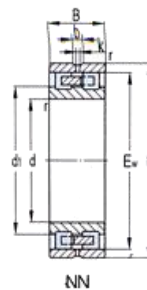
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4382952	NNU4952K	260	360	100	2	941	2050	1400	1700	30
4482952	NNU4952	260	360	100	2	941	2050	1400	1700	30
3182152	NN3052K	260	400	104	4	1100	2100	1400	1700	47.7
3282152	NN3052	260	400	104	4	1100	2100	1400	1700	47.7
3382152	NNU3052K	260	400	104	4	1100	2100	1400	1700	48.1
3482152	NNU3052	260	400	104	4	1100	2100	1400	1700	48.1
4182152	NN4052K	260	400	140	4	1550	3250	1150	1500	59.7
4282152	NN4052	260	400	140	4	1550	3250	1150	1500	59.7
4382152	NNU4052K	260	400	140	4	1550	3250	1150	1500	59.7
4482152	NNU4052	260	400	140	4	1550	3250	1150	1500	59.7
3182752	NN3152K	260	440	144	4	1480	2660	980	1190	89.1
3282752	NN3152	260	440	144	4	1480	2660	980	1190	89.1
4182752	NN4152K	260	440	180	4	2240	4500	1000	1300	111
4282752	NN4152	260	440	180	4	2240	4500	1000	1300	111
4382752	NNU4152K	260	440	180	4	2240	4500	1000	1300	111
4482752	NNU4152	260	440	180	4	2240	4500	1000	1300	111
4182856	NN4856K	280	350	69	2.1	445	1160	1560	1800	15.3
4282856	NN4856	280	350	69	2.1	445	1160	1560	1800	15.3
4382856	NNU4856K	280	350	69	2.1	445	1160	1560	1800	15.3
4482856	NNU4856	280	350	69	2.1	445	1160	1560	1800	15.3

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



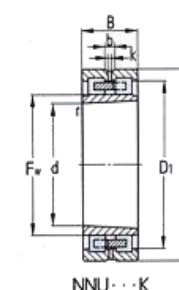
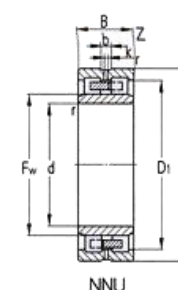
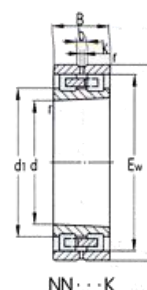
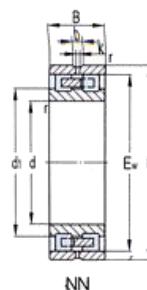
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3182956	NN3956K	280	380	75	2.1	695	1450	1430	1750	22.7
3282956	NN3956	280	380	75	2.1	695	1450	1430	1750	22.7
3382956	NNU3956K	280	380	75	2.1	695	1450	1430	1750	22.7
3482956	NNU3956	280	380	75	2.1	695	1450	1430	1750	22.7
4182956	NN4956K	280	380	100	2	976	2200	1300	1500	36.6
4282956	NN4956	280	380	100	2	976	2200	1300	1500	36.6
4382956	NNU4956K	280	380	100	2	976	2200	1300	1500	36.6
4482956	NNU4956	280	380	100	2	976	2200	1300	1500	36.6
3182156	NN3056K	280	420	106	4	1150	2260	1300	1500	51.1
3282156	NN3056	280	420	106	4	1150	2260	1300	1500	51.1
3382156	NNU3056K	280	420	106	4	1150	2260	1300	1500	51.4
3482156	NNU3056	280	420	106	4	1150	2260	1300	1500	51.4
3182756	NN3156K	280	460	146	5	1520	2790	910	1050	95.7
3282756	NN3156	280	460	146	5	1520	2790	910	1050	95.7
4182756	NN4156K	280	460	180	5	2500	4700	900	1200	118
4282756	NN4156	280	460	180	5	2500	4700	900	1200	118
4382756	NNU4156K	280	460	180	5	2500	4700	900	1200	118
4482756	NNU4156	280	460	180	5	2500	4700	900	1200	118
4182860	NNU4860K	300	380	80	2.1	690	1760	1440	1680	21.7
4282860	NN4860	300	380	80	2.1	690	1760	1440	1680	21.7

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



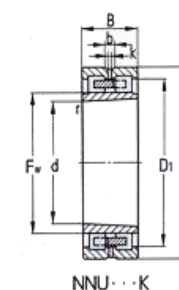
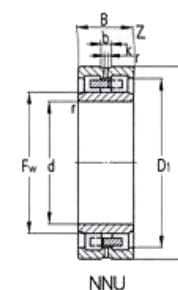
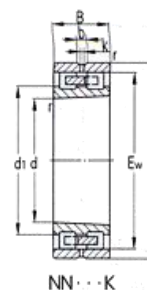
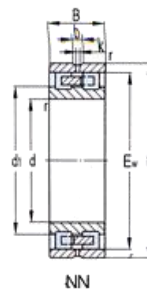
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4382860	NNU4860K	300	380	80	2.1	690	1760	1440	1680	21.7
4482860	NNU4860	300	380	80	2.1	690	1760	1440	1680	21.7
3182960	NN3960K	300	420	90	3	765	1647	1320	1540	38.9
3282960	NN3960	300	420	90	3	765	1647	1320	1540	38.9
3382960	NNU3960K	300	420	90	3	765	1647	1320	1540	38.9
3482960	NNU3960	300	420	90	3	765	1647	1320	1540	38.9
4182960	NN4960K	300	420	118	3	1170	2720	1200	1400	49.7
4282960	NN4960	300	420	118	3	1170	2720	1200	1400	49.7
4382960	NNU4960K	300	420	118	3	1170	2720	1200	1400	49.7
4482960	NNU4960	300	420	118	3	1170	2720	1200	1400	49.7
3182160	NN3060K	300	460	118	4	1290	2700	1200	1400	71
3282160	NN3060	300	460	118	4	1290	2700	1200	1400	71
3382160	NNU3060K	300	460	118	4	1290	2700	1200	1400	71
3482160	NNU3060	300	460	118	4	1290	2700	1200	1400	71
4182160	NN4060K	300	460	160	4	1920	4100	1053	1330	97.6
4282160	NN4060	300	460	160	4	1920	4100	1053	1330	97.6
4382160	NNU4060K	300	460	160	4	1920	4100	1053	1330	97.6
4482160	NNU4060	300	460	160	4	1920	4100	1053	1330	97.6
3182760	NN3160K	300	500	160	5	1760	3150	840	980	126
3282760	NN3160	300	500	160	5	1760	3150	840	980	126
4482760	NNU4160	300	500	200	5	2850	5500	800	950	158

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



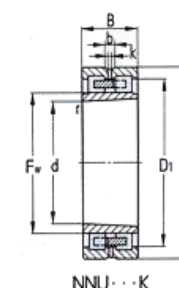
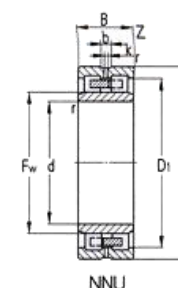
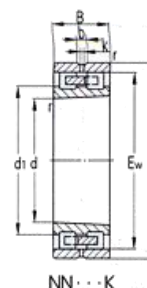
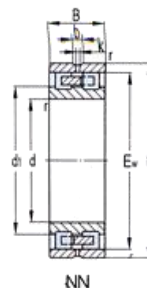
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4182864	NN4864K	320	400	80	2.1	700	1840	1320	1560	22.8
4282864	NN4864	320	400	80	2.1	700	1840	1320	1560	22.8
4382864	NNU4864K	320	400	80	2.1	700	1840	1320	1560	22.8
4482864	NNU4864	320	400	80	2.1	700	1840	1320	1560	22.8
3182964	NN3964K	320	440	90	3	835	1833	1210	1430	41
3282964	NN3964	320	440	90	3	835	1833	1210	1430	41
3382964	NNU3964K	320	440	90	3	835	1833	1210	1430	41
3482964	NNU3964	320	440	90	3	835	1833	1210	1430	41
3182164	NN3064K	320	480	121	4	1350	2850	1100	1300	76.3
4182964	NN4964K	320	440	118	3	1220	2750	1100	1300	51.4
4282964	NN4964	320	440	118	3	1220	2750	1100	1300	51.4
4382964	NNU4964K	320	440	118	3	1220	2750	1100	1300	51.4
4482964	NNU4964	320	440	118	3	1220	2750	1100	1300	51.4
3282164K	NN3064/W33	320	480	121	4	1350	2850	1100	1300	76.3
3382164	NNU3064K	320	480	121	4	1350	2850	1100	1300	76.9
3482164	NNU3064	320	480	121	4	1350	2850	1100	1300	76.9
4182164	NN4064K	320	480	160	4	1960	4300	956	1230	103
4282164	NN4064	320	480	160	4	1960	4300	956	1230	103
4382164	NNU4064K	320	480	160	4	1960	4300	956	1230	103
4482164	NNU4064	320	480	160	4	1960	4300	956	1230	103

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



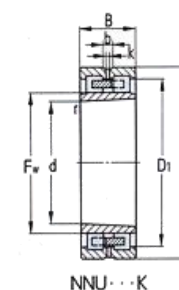
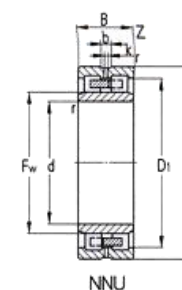
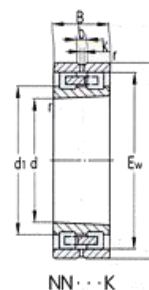
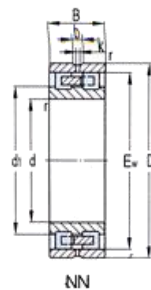
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3182764	NN3164K	320	540	176	5	2090	3750	770	910	154
3282764	NN3164	320	540	176	5	2090	3750	770	910	154
3182968	NN3968K	340	460	90	3	905	2020	1090	1320	42.9
3282968	NN3968	340	460	90	3	905	2020	1090	1320	42.9
3382968	NNU3968K	340	460	90	3	905	2020	1090	1320	42.9
3482968	NNU3968	340	460	90	3	905	2020	1090	1320	42.9
4182968	NN4968K	340	460	118	4	1270	2930	990	1200	54.3
4282968	NN4968	340	460	118	4	1270	2930	990	1200	54.3
4382968	NNU4968K	340	460	118	4	1270	2930	990	1200	54.3
4482968	NNU4968	340	460	118	4	1270	2930	990	1200	54.3
3182168	NN3068K	340	520	133	5	1680	3600	1000	1200	99.5
3282168	NN3068	340	520	133	5	1680	3600	1000	1200	99.5
3382164	NNU3068K	340	520	133	5	1680	3600	1000	1200	103
3482164	NNU3068	340	520	133	5	1680	3600	1000	1200	103
4182168	NN4068K	340	520	180	5	2420	5350	860	1000	141
4282168	NN4068	340	520	180	5	2420	5350	860	1000	141
4382168	NNU4068K	340	520	180	5	2420	5350	860	1000	141
4482168	NNU4068	340	520	180	5	2420	5350	860	1000	141
4182768	NN4168K	340	580	243	5	4000	7550	780	940	267
4282768	NN4168	340	580	243	5	4000	7550	780	940	267

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



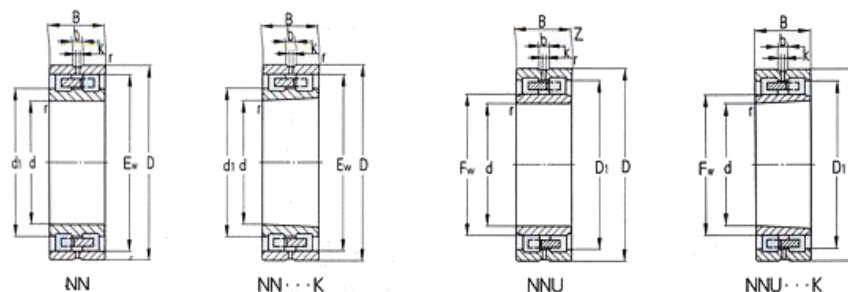
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4382768	NNU4168K	340	580	243	5	4000	7550	780	940	267
4482768	NNU4168	340	580	243	5	4000	7550	780	940	267
3182972	NN3972K	360	480	90	3	930	2130	1060	1270	44.9
3282972	NN3972	360	480	90	3	930	2130	1060	1270	44.9
3382972	NNU3972K	360	480	90	3	930	2130	1060	1270	44.9
3482972	NNU3972	360	480	90	3	930	2130	1060	1270	44.9
4182972	NN4972K	360	480	118	4	1390	3550	965	1160	60.6
4282972	NN4972	360	480	118	4	1390	3550	965	1160	60.6
4382972	NNU4972K	360	480	118	4	1390	3550	965	1160	60.6
4482972	NNU4972	360	480	118	4	1390	3550	965	1160	60.6
3182172	NN3072K	360	540	134	5	1700	3800	950	1100	105
3282172	NN3072	360	540	134	5	1700	3800	950	1100	105
3382172	NNU3072K	360	540	134	5	1700	3800	950	1100	108
3482172	NNU3072	360	540	134	5	1700	3800	950	1100	108
4182772	NN4072K	360	540	180	5	2530	5450	830	975	145
4282772	NN4072	360	540	180	5	2530	5450	830	975	145
3182976	NN3976K	380	520	106	4	1105	2510	1030	1230	66.8
3282976	NN3976	380	520	106	4	1105	2510	1030	1230	66.8
3382976	NNU3976K	380	520	106	4	1105	2510	1030	1230	66.8

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



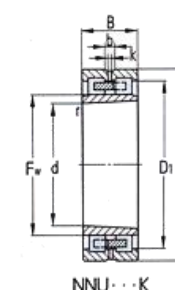
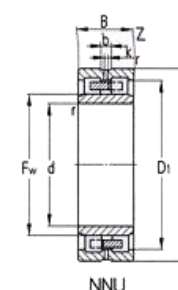
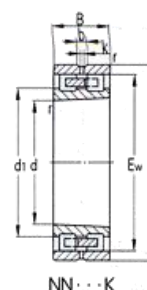
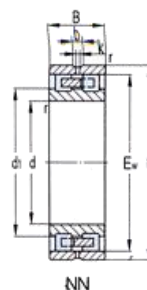
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3482976	NNU3976	380	520	106	4	1105	2510	1030	1230	66.8
4182976	NN4976K	380	520	140	4	1880	4600	940	1120	88.8
4282976	NN4976	380	520	140	4	1880	4600	940	1120	88.8
4382976	NNU4976	380	520	140	4	1880	4600	940	1120	88.8
4482976	NNU4976	380	520	140	4	1880	4600	940	1120	88.8
3182176	NN3076K	380	560	135	5	1800	3950	780	1100	113
3282176	NN3076	380	560	135	5	1800	3950	780	1100	113
3382176	NNU3076K	380	560	135	5	1800	3950	780	1100	115
3482176	NNU3076	380	560	135	5	1800	3950	780	1100	115
4182176	NN4076K	380	560	180	5	2650	6200	804	950	153
4282176	NN4076	380	560	180	5	2650	6200	804	950	153
4382176	NNU4076K	380	560	180	5	2650	6200	804	950	153
4482176	NNU4076	380	560	180	5	2650	6200	804	950	153
3182776	NN3176K	380	620	194	5	2620	4950	540	650	228
3282776	NN3176	380	620	194	5	2620	4950	540	650	228
4182776	NN4176K	380	620	243	5	4130	8350	700	850	288
4282776	NN4176	380	620	243	5	4130	8350	700	850	288
4382776	NNU4176K	380	620	243	5	4130	8350	700	850	288
4482776	NNU4176	380	620	243	5	4130	8350	700	850	288
4182880	NN4880K	400	500	100	2.1	905	2540	1100	1300	45.7

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



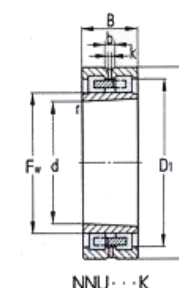
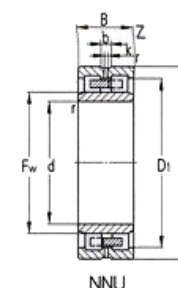
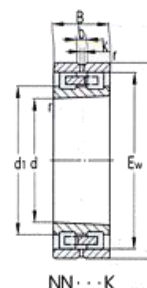
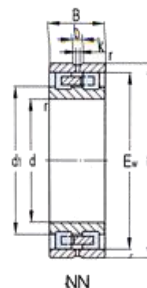
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4282880	NN4880	400	500	100	2.1	905	2540	1100	1300	45.7
4382880	NNU4880K	400	500	100	2.1	905	2540	1100	1300	45.7
4482880	NNU4880	400	500	100	2.1	905	2540	1100	1300	45.7
3182980	NN3980K	400	540	106	4	1280	2890	1000	1180	68.7
3282980	NN3980	400	540	106	4	1280	2890	1000	1180	68.7
3382980	NNU3980K	400	540	106	4	1280	2890	1000	1180	68.7
3482980	NNU3980	400	540	106	4	1280	2890	1000	1180	68.7
4182980	NN4980K	400	540	140	4	1940	4900	915	1080	93.6
4282980	NN4980	400	540	140	4	1940	4900	915	1080	93.6
4382980	NNU4980K	400	540	140	4	1940	4900	915	1080	93.6
4482980	NNU4980	400	540	140	4	1940	4900	915	1080	93.6
3182180	NN3080K	400	600	148	5	2200	4600	700	1000	141
3282182	NN3080	400	600	148	5	2200	4600	700	1000	141
3382180	NNU3080K	400	600	148	5	2200	4600	700	1000	150
3482180	NNU3080	400	600	148	5	2200	4600	700	1000	150
4182180	NN4080K	400	600	200	5	2840	6050	776	925	201
4282180	NN4080	400	600	200	5	2840	6050	776	925	201
4382180	NNU4080K	400	600	200	5	2840	6050	776	925	201
4482180	NNU4080	400	600	200	5	2840	6050	776	925	201
3182780	NN3180K	400	650	200	6	2770	5400	490	595	262
3282780	NN3180	400	650	200	6	2770	5400	490	595	262

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



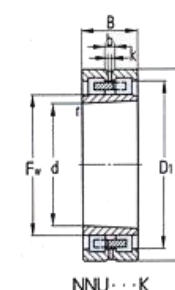
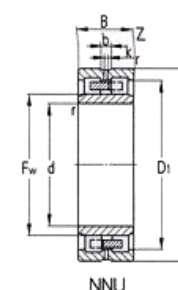
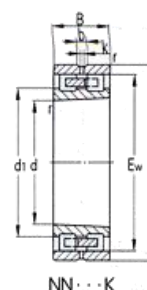
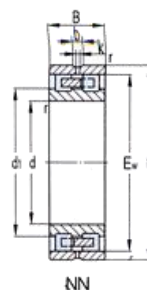
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4182780	NN4180K	400	650	250	6	4700	9550	650	800	328
4282780	NN4180	400	650	250	6	4700	9550	650	800	328
4382780	NNU4180K	400	650	250	6	4700	9550	650	800	328
4482780	NNU4180	400	650	250	6	4700	9550	650	800	328
3182984	NN3984K	420	560	106	4	1290	2900	980	1140	71.2
3282984	NN3984	420	560	106	4	1290	2900	980	1140	71.2
3382984	NNU3984K	420	560	106	4	1290	2900	980	1140	71.2
3482984	NNU3984	420	560	106	4	1290	2900	980	1140	71.2
4182984	NN4984K	420	560	140	4	2000	5150	890	1040	93.3
4282984	NN4984	420	560	140	4	2000	5150	890	1040	93.3
4382984	NNU4984K	420	560	140	4	2000	5150	890	1040	93.3
3182184	NN3084K	420	620	150	5	2380	4880	670	950	154
3282184	NN3084	420	620	150	5	2380	4880	670	950	154
3382180	NNU3084K	420	620	150	5	2380	4880	670	950	155
3482180	NNU3084	420	620	150	5	2380	4880	670	950	155
4182184	NN4084K	420	620	200	5	3150	7100	750	900	208
4282184	NN4084	420	620	200	5	3150	7100	750	900	208
4382184	NNU4084K	420	620	200	5	3150	7100	750	900	208
4482184	NNU4084	420	620	200	5	3150	7100	750	900	208
3182784	NN3184K	420	700	224	6	3550	6800	470	560	347

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



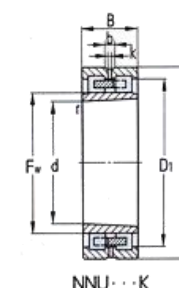
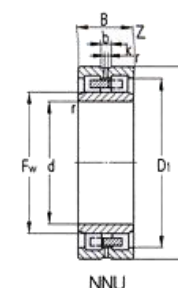
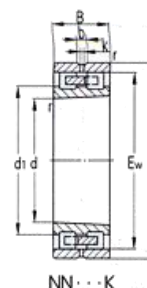
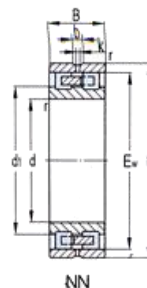
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3282784	NN3184	420	700	224	6	3550	6800	470	560	347
4182888	NN4888K	440	540	100	2.1	950	2790	1040	1200	49.5
4282888	NN4888	440	540	100	2.1	950	2790	1040	1200	49.5
4382888	NNU4888K	440	540	100	2.1	950	2790	1040	1200	49.5
4482888	NNU4888	440	540	100	2.1	950	2790	1040	1200	49.5
3182988	NN3988K	440	600	118	4	1450	3800	950	1100	92
3282988	NN3988	440	600	118	4	1450	3800	950	1100	92
3382988	NNU3988K	440	600	118	4	1450	3800	950	1100	92
3482988	NNU3988	440	600	118	4	1450	3800	950	1100	92
4182988	NN4988K	440	600	160	5	2200	6000	865	1000	133
4282988	NN4988	440	600	160	5	2200	6000	865	1000	133
4382988	NNU4988K	440	600	160	5	2200	6000	865	1000	133
4482988	NNU4988	440	600	160	5	2200	6000	865	1000	133
3182188	NN3088K	440	650	157	6	2440	5100	620	950	172
3282188	NN3088	440	650	157	6	2440	5100	620	950	172
3382188	NNU3088K	440	650	157	6	2440	5100	620	950	178
3482188	NNU3088	440	650	157	6	2440	5100	620	950	178
4382188	NNU4088K	440	650	212	6	3250	5960	560	850	214
4482188	NNU4088	440	650	212	6	3250	5960	560	850	214
3182788	NN3188K	440	720	226	6	3580	6850	430	520	357

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



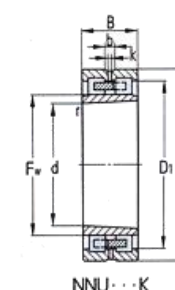
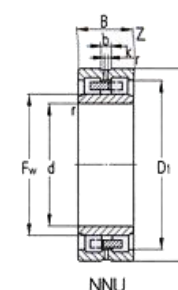
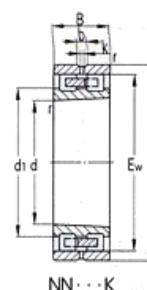
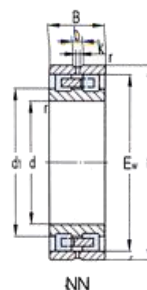
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
3282788	NN3188	440	720	226	6	3580	6850	430	520	357
4182788	NN4188K	440	720	280	6	5650	11500	600	700	452
4282788	NN4188	440	720	280	6	5650	11500	600	700	452
4382788	NNU4188K	440	720	280	6	5650	11500	600	700	452
4482788	NNU4188	440	720	280	6	5650	11500	600	700	452
3182992	NN3992K	460	620	118	4	1610	3700	920	1040	94.5
3282992	NN3992	460	620	118	4	1610	3700	920	1040	94.5
3382992	NNU3992K	460	620	118	4	1610	3700	920	1040	94.5
3482992	NNU3992	460	620	118	4	1610	3700	920	1040	94.5
4182992	NN4992K	460	620	160	5	2400	6200	840	950	140
4282992	NN4992	460	620	160	5	2400	6200	840	950	140
4382992	NNU4992K	460	620	160	5	2400	6200	840	950	140
4482992	NNU4992	460	620	160	5	2400	6200	840	950	140
3182192	NN3092K	460	680	163	6	2550	5350	605	920	198
3282192	NN3092	460	680	163	6	2550	5350	605	920	198
3382192	NNU3092K	460	680	163	6	2550	5350	605	920	204
3482192	NNU3092	460	680	163	6	2550	5350	605	920	204
4382192	NNU4092K	460	680	218	6	3930	8860	600	780	235
4482192	NNU4092	460	680	218	6	3930	8860	600	780	281
4182792	NN4192K	460	760	300	7.5	6350	13000	550	650	535

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



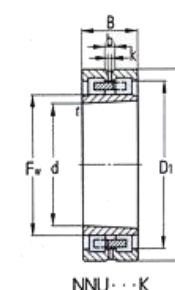
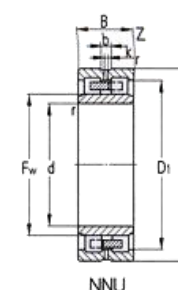
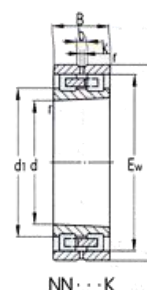
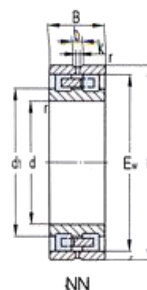
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4282792	NN4192	460	760	300	7.5	6350	13000	550	650	535
4382792	NNU4192K	460	760	300	7.5	6350	13000	550	650	535
4482792	NNU4192	460	760	300	7.5	6350	13000	550	650	535
3182996	NN3996K	480	650	128	5	1753	4100	790	960	115
3282996	NN3996	480	650	128	5	1753	4100	790	960	115
3382996	NNU3996K	480	650	128	5	1753	4100	790	960	115
3482996	NNU3996	480	650	128	5	1753	4100	790	960	115
4182996	NN4996K	480	650	170	5	2500	7200	720	880	150
4282996	NN4996	480	650	170	5	2500	7200	720	880	150
4382996	NNU4996K	480	650	170	5	2500	7200	720	880	150
4482996	NNU4996	480	650	170	5	2500	7200	720	880	150
3182196	NN3096K	480	700	165	6	2600	5600	590	900	205
3282196	NN3096	480	700	165	6	2600	5600	590	900	205
3382196	NNU3096K	480	700	165	6	2600	5600	590	900	213
3482196	NNU3096	480	700	165	6	2600	5600	590	900	213
4482196	NNU4096	480	700	218	6	3800	7600	620	720	265
3182796	NN3196K	480	790	248	7.5	4050	8100	400	460	447
3282796	NN3196	480	790	248	7.5	4050	8100	400	460	447
4182796	NN4196K	480	790	308	7.5	7000	14000	500	600	585
4282796	NN4196	480	790	308	7.5	7000	14000	500	600	585

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



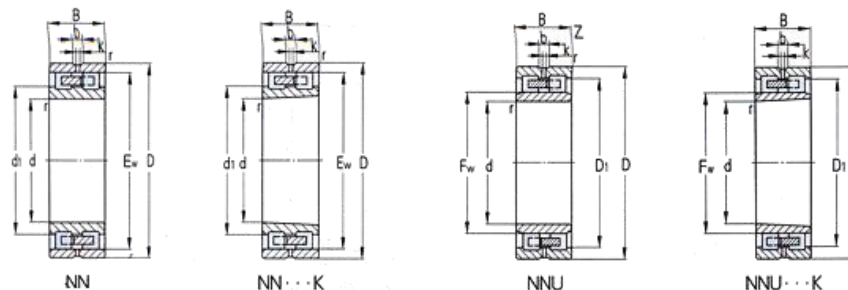
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
4382796	NNU4196K	480	790	308	7.5	7000	14000	500	600	585
4482796	NNU4196	480	790	308	7.5	7000	14000	500	600	585
31829/500	NN39/500K	500	670	128	5	1897	4500	820	920	120
32829/500	NN39/500	500	670	128	5	1897	4500	820	920	120
33829/500	NNU39/500K	500	670	128	5	1897	4500	820	920	120
34829/500	NNU39/500	500	670	128	5	1897	4500	820	920	120
41829/500	NN49/500K	500	670	170	5	2720	5500	750	910	171
42829/500	NN49/500	500	670	170	5	2720	5500	750	910	171
43829/500	NNU49/500K	500	670	170	5	2720	5500	750	910	171
44829/500	NNU49/500	500	670	170	5	2720	5500	750	910	171
31821/500	NN30/500K	500	720	167	6	2650	5800	575	900	211
32821/500	NN30/500	500	720	167	6	2650	5800	575	900	211
33821/500	NNU30/500K	500	720	167	6	2650	5800	575	900	220
34821/500	NNU30/500	500	720	167	6	2650	5800	575	900	220
43821/500	NNU40/500K	500	720	218	6	4450	10500	540	740	282
44821/500	NNU40/500	500	720	218	6	4450	10500	540	740	282
41827/500	NN41/500K	500	830	325	7.5	7400	14500	450	550	700
42827/500	NN41/500	500	830	325	7.5	7400	14500	450	550	700
43827/500	NNU41/500K	500	830	325	7.5	7400	14500	450	550	700
44827/500	NNU41/500	500	830	325	7.5	7400	14500	450	550	700

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



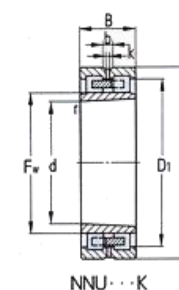
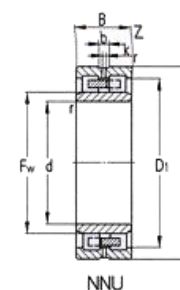
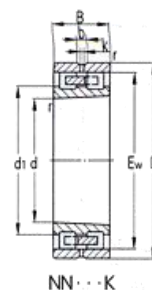
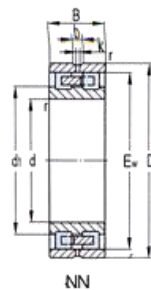
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
31829/530	NN39/530K	530	710	136	5	2040	4900	770	900	149
32829/530	NN39/530	530	710	136	5	2040	4900	770	900	149
33829/530	NNU39/530K	530	710	136	5	2040	4900	770	900	149
34829/530	NNU39/530	530	710	136	5	2040	4900	770	900	149
41829/530	NN49/530K	530	710	180	5	2900	6500	700	870	202
42829/530	NN49/530	530	710	180	5	2900	6500	700	870	202
43829/530	NNU49/530K	530	710	180	5	2900	6500	700	870	202
44829/530	NNU49/530	530	710	180	5	2900	6500	700	870	202
31821/530	NN30/530K	530	780	185	6	3200	6900	562	850	262
32821/530	NN30/530	530	780	185	6	3200	6900	562	850	262
33821/530	NNU30/530K	530	780	185	6	3200	6900	562	850	270
34821/530	NNU30/530	530	780	185	6	3200	6900	562	850	270
43821/530	NNU40/530K	530	780	250	6	5400	12100	550	650	788
44821/530	NNU40/530	530	780	250	6	5400	12100	550	650	788
41827/530	NN41/530K	530	870	335	7.5	7750	15500	400	500	788
42827/530	NN41/530	530	870	335	7.5	7750	15500	400	500	788
43827/530	NNU41/530	530	870	335	7.5	7750	15500	400	500	788
44827/530	NNU41/530	530	870	335	7.5	7750	15500	400	500	788
41829/560	NN49/560K	560	750	190	5	3250	7000	630	800	239

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



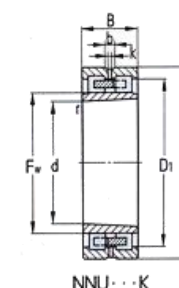
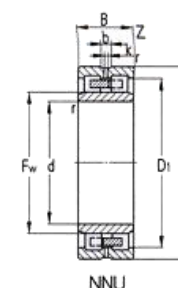
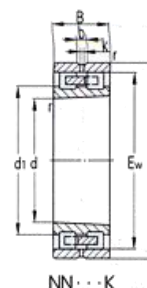
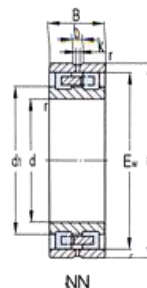
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
42829/560	NN49/560	560	750	190	5	3250	7000	630	800	239
43829/560	NNU49/560K	560	750	190	5	3250	7000	630	800	239
44829/560	NNU49/560	560	750	190	5	3250	7000	630	800	239
31821/560	NN30/560K	560	820	195	6	3820	8200	550	750	337
32821/560	NN30/560	560	820	195	6	3820	8200	550	750	337
33821/560	NNU30/560K	560	820	195	6	3820	8200	550	750	350
34821/560	NNU30/560	560	820	195	6	3820	8200	550	750	350
41821/560	NN40/560K	560	820	258	6	4100	10600	600	850	472
42821/560	NN40/560	560	820	258	6	4100	10600	600	850	472
43821/560	NNU40/560K	560	820	258	6	4100	10600	600	850	472
44821/560	NNU40/560	560	820	258	6	4100	10600	600	850	472
44827/560	NNU41/560	560	920	355	7.5	8550	18200	500	600	944
41829/600	NN49/600K	600	800	200	5	3850	7500	580	780	284
42829/600	NN49/600	600	800	200	5	3850	7500	580	780	284
43829/600	NNU49/600K	600	800	200	5	3850	7500	580	780	284
44829/600	NNU49/600	600	800	200	5	3850	7500	580	780	284
31821/600	NN30/600K	600	870	200	6	4440	9650	535	750	397
32821/600	NN30/600	600	870	200	6	4440	9650	535	750	397
33821/600	NNU30/600K	600	870	200	6	4440	9650	535	750	397
34821/600	NNU30/600	600	870	200	6	4440	9650	535	750	397

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



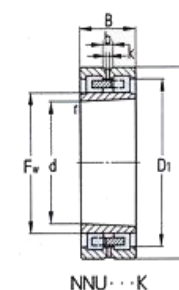
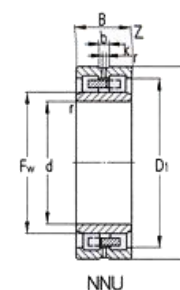
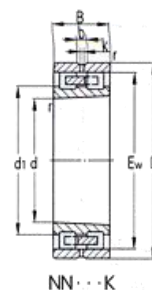
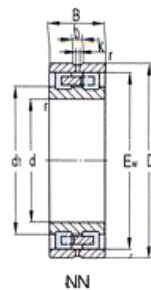
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
41827/600	NN41/600K	600	980	375	7.5	9800	21000	380	480	1123
42827/600	NN41/600	600	980	375	7.5	9800	21000	380	480	1123
43827/600	NNU41/600K	600	980	375	7.5	9800	21000	380	480	1123
44827/600	NNU41/600	600	980	375	7.5	9800	21000	380	480	1123
41828/630	NN48/630K	630	780	150	4	2290	7000	1000	1140	160
42828/630	NN48/630	630	780	150	4	2290	7000	1000	1140	160
43828/630	NNU48/630K	630	780	150	4	2290	7000	1000	1140	160
44828/630	NNU48/630	630	780	150	4	2290	7000	1000	1140	160
41829/630	NN49/630K	630	850	218	6	4000	8500	540	730	328
42829/630	NN49/630	630	850	218	6	4000	8500	540	730	328
43829/630	NNU49/630K	630	850	218	6	4000	8500	540	730	328
44829/630	NNU49/630	630	850	218	6	4000	8500	540	730	328
31821/630	NN30/630K	630	920	212	7.5	4662	10000	520	700	476
32821/630	NN30/630	630	920	212	7.5	4662	10000	520	700	476
33821/630	NNU30/630K	630	920	212	7.5	4662	10000	520	700	476
34821/630	NNU30/630	630	920	212	7.5	4662	10000	520	700	476
41829/670	NN49/670K	670	900	230	6	4150	9800	500	700	419
42829/670	N N49/670	670	900	230	6	4150	9800	500	700	419
43829/670	NNU49/670K	670	900	230	6	4150	9800	500	700	419

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



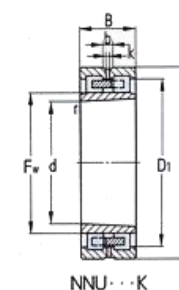
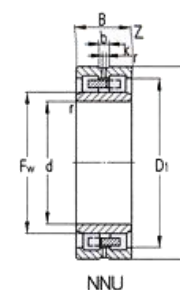
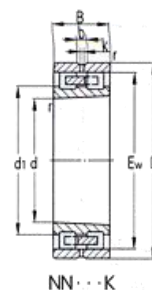
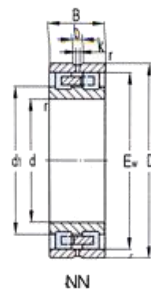
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
44829/670	NNU49/670	670	900	230	6	4150	9800	500	700	419
31821/670	NN30/670K	670	980	230	7.5	4980	11300	500	700	593
32821/670	NN30/670	670	980	230	7.5	4980	11300	500	700	593
33821/670	NNU30/670K	670	980	230	7.5	4980	11300	500	700	593
34821/670	NNU30/670	670	980	230	7.5	4980	11300	500	700	593
41821/670	NN40/670K	670	980	308	7.5	8470	20000	480	560	773
41828/710	NN48/710K	710	870	160	4	2640	8350	550	680	203
42828/710	NN48/710	710	870	160	4	2640	8350	550	680	203
43828/710	NNU48/710K	710	870	160	4	2640	8350	550	680	203
44828/710	NNU48/710	710	870	160	4	2640	8350	550	680	203
41829/710	NN49/710K	710	950	243	6	4700	10980	500	670	484
42829/710	NN49/710	710	950	243	6	4700	10980	500	670	484
43829/710	NNU49/710K	710	950	243	6	4700	10980	500	670	484
44829/710	NNU49/710	710	950	243	6	4700	10980	500	670	484
31821/710	NN30/710K	710	1030	236	7.5	5500	12500	490	650	657
32821/710	NN30/710	710	1030	236	7.5	5500	12500	490	650	657
33821/710	NNU30/710K	710	1030	236	7.5	5500	12500	490	650	657
34821/670	NNU30/710	710	1030	236	7.5	5500	12500	490	650	657
44821/710	NNU40/710	710	1030	315	7.5	9000	21500	380	450	858
44827/710	NNU41/710	710	1150	438	9.5	12800	28000	310	370	1800

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



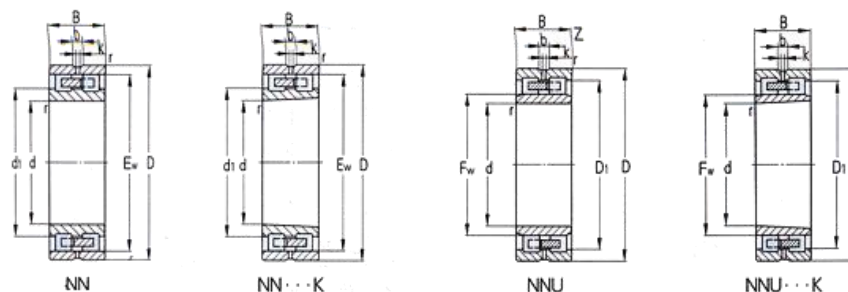
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
41828/750	NN48/750K30	750	920	170	5	3550	10000	460	530	235
41829/750	NN49/750K	750	1000	250	6	5400	11800	480	620	536
42829/750	NN49/750	750	1000	250	6	5400	11800	480	620	536
43829/750	NNU49/750K	750	1000	250	6	5400	11800	480	620	536
44829/750	NNU49/750	750	1000	250	6	5400	11800	480	620	536
31821/750	NN30/750K	750	1090	250	7.5	6800	15000	450	600	782
32821/750	NN30/750	750	1090	250	7.5	6800	15000	450	600	782
33821/750	NNU30/750K	750	1090	250	7.5	6800	15000	450	600	782
34821/750	NNU30/750	750	1090	250	7.5	6800	15000	450	600	782
44821/750	NNU40/750	750	1090	335	7.5	10000	23500	350	420	924
44827/750	NNU41/750	750	1220	475	9.5	16000	35600	280	350	2240
41829/800	NN49/800K	800	1060	258	6	5700	16000	360	440	573
42829/800	NN49/800	800	1060	258	6	5700	16000	360	440	573
43829/800	NNU49/800K	800	1060	258	6	5700	16000	360	440	573
44829/800	NNU49/800	800	1060	258	6	5700	16000	360	440	573
31821/800	NN30/800K	800	1150	258	7.5	7500	17500	400	580	880
32821/800	NN30/800	800	1150	258	7.5	7500	17500	400	580	880
33821/800	NNU30/800K	800	1150	258	7.5	7500	17500	400	580	880
34821/800	NNU30/800	800	1150	258	7.5	7500	17500	400	580	880

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



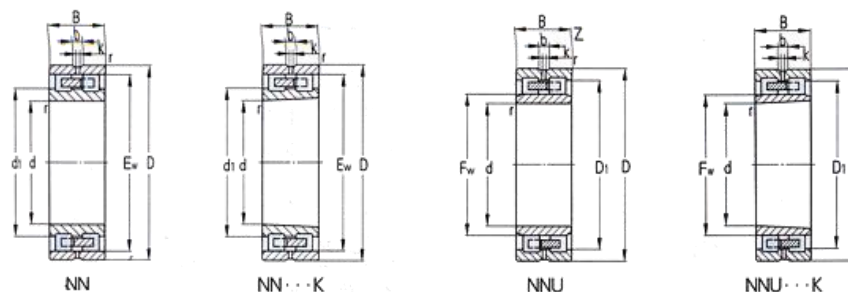
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
44821/800	NNU40/800	800	1150	345	7.5	10500	26500	330	380	1150
44827/800	NNU41/800	800	1280	475	9.5	15500	36000	270	325	2380
41828/850	NN48/850K	850	1030	180	5	3400	11400	360	440	310
42828/850	NN48/850	850	1030	180	5	3400	11400	360	440	310
43828/850	NNU48/850K	850	1030	180	5	3400	11400	360	440	310
44828/850	NNU48/850	850	1030	180	5	3400	11400	360	440	310
44829/850	NNU49/850	850	1120	272	6	5650	17500	350	420	715
31821/850	NN30/850K	850	1220	272	7.5	7800	18000	370	520	935
32821/800	NN30/850	850	1220	272	7.5	7800	18000	370	520	935
33821/850	NNU30/850K	850	1220	272	7.5	7800	18000	370	520	935
34821/850	NNU30/850	850	1220	272	7.5	7800	18000	370	520	935
44821/850	NNU40/850	850	1220	365	7.5	11000	28000	290	350	1350
44827/850	NNU41/850	850	1360	500	12	19000	44500	230	285	2890
44829/900	NNU49/900	900	1180	280	6	6300	19000	330	380	843
31821/900	NN30/900K	900	1280	280	7.5	7920	19000	310	370	1050
32821/900	NN30/900	900	1280	280	7.5	7920	19000	310	370	1050
33821/900	NNU30/900K	900	1280	280	7.5	7920	19000	310	370	1050
34821/900	NNU30/900	900	1280	280	7.5	7920	19000	310	370	1050
43827/900	NNU41/900K	900	1420	515	12	20500	47000	210	270	3160

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



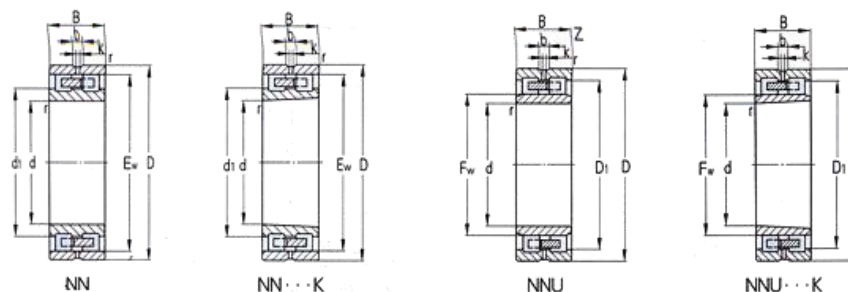
Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
44827/900	NNU41/900	900	1420	515	12	20500	47000	210	270	3160
44829/950	NNU49/950	950	1250	300	7.5	7050	22300	410	460	958
31821/950	NN30/950K	950	1360	300	7.5	8750	22500	390	440	1300
32821/950	NN30/950	950	1360	300	7.5	8750	22500	390	440	1300
33821/950	NNU30/950K	950	1360	300	7.5	8750	22500	390	440	1300
34821/950	NNU30/950	950	1360	300	7.5	8750	22500	390	440	1300
44821/950	NNU40/950	950	1360	412	7.5	13500	35000	250	315	1890
44827/950	NNU41/950	950	1500	545	12	24500	56500	195	250	3850
42829/1000	NN49/1000	1000	1320	315	7.5	8500	26000	380	440	1210
44829/1000	NNU49/1000	1000	1320	315	7.5	8500	26000	380	440	1250
31821/1000	NN30/1000K	1000	1420	308	7.5	10000	24600	370	420	1370
32821/1000	NN30/1000	1000	1420	308	7.5	10000	24600	370	420	1385
33821/1000	NNU30/1000K	1000	1420	308	7.5	10000	24600	370	420	1385
34821/1000	NNU30/1000	1000	1420	308	7.5	10000	24600	370	420	1385
44821/1000	NNU40/1000	1000	1420	412	7.5	15000	38000	230	290	1985
44827/1000	NNU41/1000	1000	1580	580	12	27200	62500	190	250	4250
43829/1000	NNU49/1060K	1060	1400	335	7.5	10000	30600	350	380	1360
44829/1060	NNU49/1060	1060	1400	335	7.5	10000	30600	350	380	1360

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
31821/1060	NN30/1060K	1060	1500	325	9.5	10500	37500	350	380	1650
32821/1060	NN30/1060	1060	1500	325	9.5	10500	37500	350	380	1650
33821/1060	NNU30/1060K	1060	1500	325	9.5	10500	37500	350	380	1650
34821/1060	NNU30/1060	1060	1500	325	9.5	10500	37500	350	380	1650
43827/1060	NNU41/1060K	1060	1600	600	15	29000	69400	175	210	5075
44827/1060	NNU41/1060	1060	1600	600	15	29000	69400	175	210	5075
43829/1120	NNU49/1120K	1120	1460	335	7.5	10000	31500	330	370	1660
44829/1020	NNU49/1120	1120	1460	335	7.5	10000	31500	330	370	1660
43827/1120	NNU41/1120K30	1120	1750	630	15	35500	83500	150	185	7200
44827/1120	NNU41/1120	1120	1750	630	15	35500	83500	150	185	7200
44827/1250	NNU41/1250	1250	1950	710	15	41500	98500	120	160	8000
43827/1250	NNU41/1250K30	1250	1950	710	15	41500	98500	120	160	8000
41829/1320	NN49/1320K	1320	1720	400	7.5	13200	42500	260	300	3040
42829/1320	NN49/1320	1320	1720	400	7.5	13200	42500	260	300	3040
43829/1320	NNU49/1320K	1320	1720	400	7.5	13500	42500	260	300	3100
44829/1320	NNU49/1320	1320	1720	400	7.5	13500	42500	260	300	3100
43827/1320	NNU41/1320K	1320	2060	750	15	45600	10600	130	150	9450
44827/1320	NNU41/1320	1320	2060	750	15	45600	10600	130	150	9450

Double row cylindrical roller bearings for machine tool spindle with P2, P4, P5, UP, SP grade



Bearing Designations		Principal Dimensions (mm)				Basic load rating (KN)		Speed ratings (rpm)		Weight (kg)
Old spec	Designations	d	D	B	r	Dynamic (Cr)	Static (Cor)	Grease	Oil	
43827/1400	NNU41/1400K30	1400	2180	775	19	49500	117000	90	120	10700
44827/1400	NNU41/1400	1400	2180	775	19	49500	117000	90	120	10700
44827/1500	NNU41/1500	1500	2300	800	19	52500	132000	85	110	12300