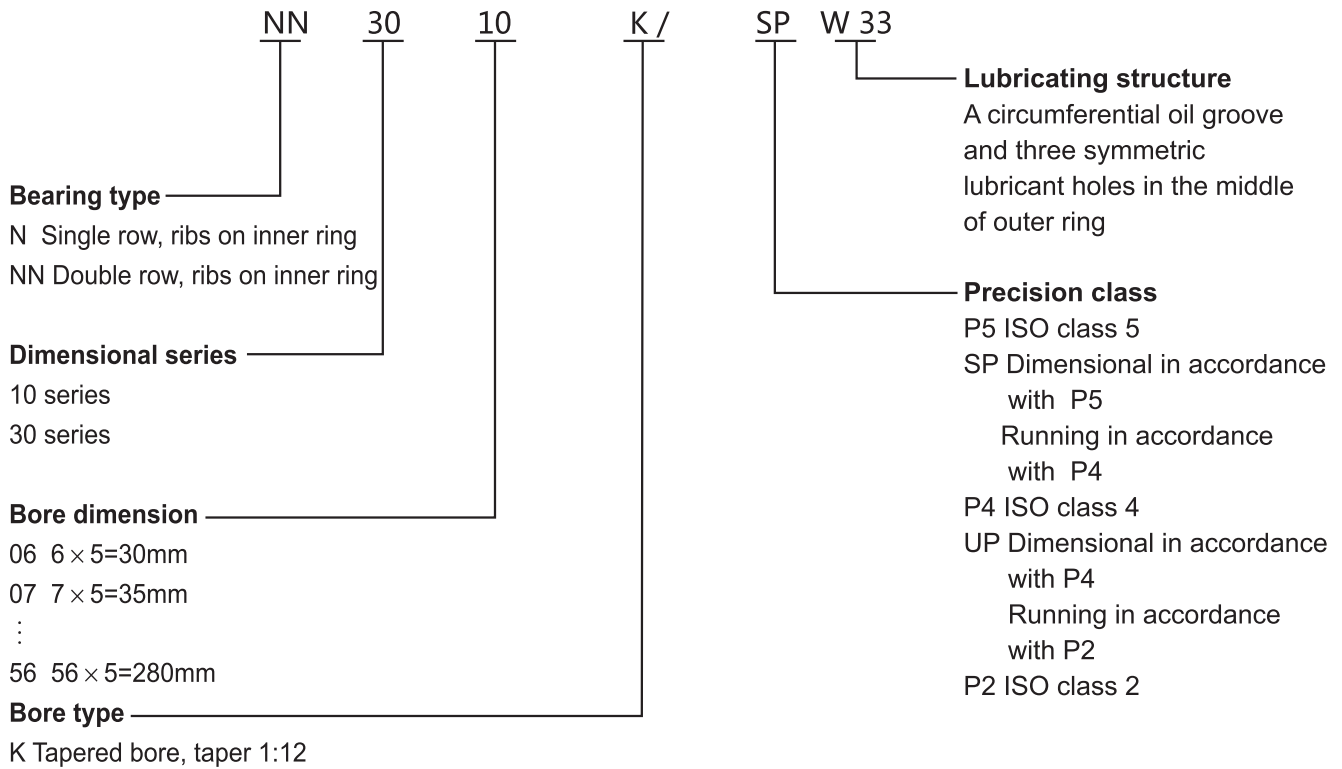


Designation of cylindrical roller bearings



Radial clearance of cylindrical roller bearings(tapered bore)

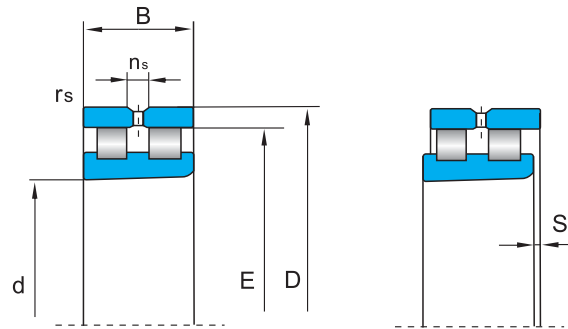
μ m

d mm		1		2	
From	Up to	min	max	min	max
24	30	15	25	25	35
30	40	15	25	25	40
40	50	17	30	30	45
50	65	20	35	35	50
65	80	25	40	40	60
80	100	35	55	45	70
100	120	40	60	50	80
120	140	45	70	60	90
140	160	50	75	65	100
160	180	55	85	75	110
180	200	60	90	80	120
200	225	60	95	90	135
225	250	65	100	100	150
250	280	75	110	110	165



ZYS® | PRECISION ROLLING BEARINGS

Cylindrical Roller Bearings
Double row NN30K series, taper 1:12



Bearing designations ZYS	Boundary dimensions					Load rating		Limiting speed		Radial rigidity R_r KN/ μ m	Weight Kg \approx		
	d	D	B	r_{smin}	E	C_r	C_{or}	Grease	Oil				
	mm					KN		r/min					
NN3006 K-P5	30	55	19	1.0	48.5	4.8	1.4	29	34	16000	19000	0.6	0.19
NN3007 K-P5	35	62	20	1.0	55	4.8	1.4	35.5	44	14000	17000	0.7	0.25
NN3008 K-P5	40	68	21	1.0	61	4.8	1.4	45	58.5	12000	15000	0.9	0.31
NN3009 K-P5	45	75	23	1.0	67.5	4.8	1.7	54	72	11000	14000	1.0	0.40
NN3010 K-P5	50	80	23	1.0	72.5	4.8	1.7	57	80	10000	13000	1.1	0.41
NN3011 K-P5	55	90	26	1.1	81	4.8	1.9	72	100	9000	11000	1.3	0.65
NN3012 K-P5	60	95	26	1.1	86.1	4.8	1.9	75	110	8500	10000	1.4	0.67
NN3013 K-P5	65	100	26	1.1	91	4.8	1.9	76.5	116	8000	9500	1.4	0.74
NN3014 K-P5	70	110	30	1.1	100	6.5	2.3	98	150	7000	8500	1.6	1.07
NN3015 K-P5	75	115	30	1.1	105	6.5	2.3	100	156	6700	8000	1.7	1.13
NN3016 K-P5	80	125	34	1.1	113	6.5	2.5	120	186	6300	7500	1.8	1.56
NN3017 K-P5	85	130	34	1.1	118	6.5	2.5	125	200	6000	7000	1.9	1.64
NN3018 K-P5	90	140	37	1.5	127	6.5	2.5	140	224	5600	6700	2.0	2.13
NN3019 K-P5	95	145	37	1.5	132	6.5	2.5	143	236	5300	6300	2.1	2.23
NN3020 K-P5	100	150	37	1.5	137	6.5	2.5	146	245	5300	6300	2.1	2.32
NN3021 K-P5	105	160	41	2.0	146	6.5	2.6	190	310	4800	5600	2.3	2.96
NN3022 K-P5	110	170	45	2.0	155	6.5	2.8	220	360	4500	5300	2.5	3.76
NN3024 K-P5	120	180	46	2.0	165	6.5	3.1	232	390	4300	5000	2.7	4.10
NN3026 K-P5	130	200	52	2.0	182	9.5	3.3	290	500	3800	4500	2.9	6.04
NN3028 K-P5	140	210	53	2.0	192	9.5	3.3	300	520	3600	4300	3.0	6.48
NN3030 K-P5	150	225	56	2.1	206	9.5	3.7	335	585	3400	4000	3.3	7.88
NN3032 K-P5	160	240	60	2.1	219	9.5	4.2	375	670	3200	3800	3.5	9.57
NN3034 K-P5	170	260	67	2.1	236	9.5	4.5	450	800	3000	3600	3.7	13.0
NN3036 K-P5	180	280	74	2.1	255	12.2	4.8	570	1000	2800	3400	4.0	17.0
NN3038 K-P5	190	290	75	2.1	265	12.2	4.8	585	1040	2600	3200	4.1	18.0
NN3040 K-P5	200	310	82	2.1	282	12.2	5.3	655	1200	2400	3000	4.4	23.0
NN3044 K-P5	220	340	90	3.0	310	15	5.5	800	1460	2200	2800	4.7	32.9
NN3048 K-P5	240	360	92	3.0	330	15	6	850	1560	2000	2600	5.1	36.0
NN3052 K-P5	260	400	104	4.0	364	15	6.5	1060	2000	1900	2400	5.6	48.0
NN3056 K-P5	280	420	106	4.0	384	15	6.8	1080	2080	1800	2200	5.8	51.7

