

# Theoretical equivalency tables

## Standard bearings

Type of bearing	Technical specification	NTN	SNR	FAG	SKF	NSK
<b>With a single row of balls</b> 600-6700-6800 series (61800)-6900(61900)- 6000-6200-6300-6400 200-300-16000- 16100 / BL200-BL300	1 or 2 pressed steel shields	Z / ZZ	Z / ZZ	ZR / 2ZR	Z / ZZ	Z / ZZ
	1 or 2 seals with contact	LU / LLU	E / EE	RSR / 2RSR	RS1 / 2RS1	DU / DDU
	1 or 2 seals non contact	LB / LLB		RSR/2RSR-BRS/2BRS	RZ / 2RZ	V / VV
	Groove without/with retaining ring	N / NR	N / NR	N / NR	N / NR	N / NR
	Internal clearance (if diff. from normal radial clearance)	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...
<b>With a double row of balls</b> 4200-4300 series	Polyamide cage		No suffix		TN9	TNG
	Without filling slot		A		A	B
	Internal clearance (if diff. from normal radial clearance)		J20 / J30 etc...		C2 / C3 etc...	C2 / C3 etc...
<b>With a single row of balls</b> <b>With angular contact</b> <b>(standard range)</b> 7000-7800 (71800) series -7900(71900)-7200- 7300-7400	Contact angle 40°	B	B	B	B	B
	Contact angle 15°	C	C		E	C
	Polyamide cage	T2	A	TVP	P	T85 / TYN
	Pressed steel cage	No suffix			J	W
	Solid brass cage	L1	M	MP	M	No suffix
	Can be paired	G	G	UA / UO	CB / G	G / SU
<b>Double-row self-aligning ball bearings</b> 1200-1300 series 2200-2300-100 11200-11300-11500	Pressed steel cage	J	No suffix		No suffix	No suffix
	Polyamide cage	T2	G15	TV	TN, TN9	TNG
	2 seals with contact		EE	2RS	2RS1	2RS
	Internal clearance (if diff. from normal radial clearance)	C2 / C3 etc...	J20 / J30 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...
<b>With a double row of balls</b> <b>Angular contact</b> 3200-3300 series 5200-5300 series	Tapered bore 1:12	K	K	K	K	K
	Contact angle 32 to 35° with slot	No 3xxx	A	No suffix	No suffix	No suffix
	Contact angle 25 to 32° with slot	3xxxS	B	B	A	B
	Polyamide cage	T2	G15	TVH / TVP	TN9	TNG
	Pressed steel cage	No suffix	No suffix	No suffix	No suffix	J
	1 or 2 pressed steel shields	5xxxSCZZ	5000 ZZ	ZR / 2ZR	Z / ZZ	Z / ZZ
	1 or 2 seals with contact	5xxxSCLLD/LLU	5000 EE	RSR / 2RSR	RS1 / 2RS1	DU / DDU
	1 or 2 seals without contact	5xxxSCLLM	5000 EE	RSR / 2RSR	RS1 / 2RS1	V / VV
<b>Single direction ball thrust bearings</b> 51100-51200- 51300-51400 series	Internal clearance (if diff. from normal radial clearance)	C2 / C3 etc...	J20 / J30 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...
	Pressed steel cage	J	No suffix	No suffix	No suffix	No suffix
	Solid brass cage			M, MP	No suffix	M
<b>With a single row of balls</b> <b>With 4 contact points</b> QJ2000 - QJ300 series	Polyamide cage		G15	TVP	TN, TN9	
	Solid cage	L1	MA	MPA	No suffix	M, MA
	Internal clearance (if diff. from normal radial clearance)	C2 / C3 etc...	J20 / J30 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...
<b>With a single row of cylindrical rollers</b> N, NU, NUP, NJ/200 - 300 - 400 series N, NU, NUP, NJ/1000 - 2200 - 2300 series	Polyamide cage	T2 or T2X	G15	TVP2	P	T
	Steel cage	No suffix	No suffix	No suffix	J	W
	Solid cage	G1, L1	M	M, M1	M	M
	Reinforced capacity	E	E	E	EC	E
	Internal clearance (if diff. from normal radial clearance)	C2 / C3 etc...	J20 / J30 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...
<b>With a double row of cylindrical rollers</b> NN, NNU ... series	Internal clearance for paired rings	C1NA, CONA etc...				
<b>With a single row of tapered rollers</b> 30200/300-31300 32000/200/300 series	Steel cage	No suffix	No suffix	No suffix	No suffix	No suffix
	Reinforced capacity	Prefix 4T, ET	A, V	No suffix	No suffix	Prefix HR
	Polyamide cage	T2				
<b>With a double row of spherical rollers</b> 21300 series 22200 - 22300 23000 - 23100 23200 - 23900 series 24000 - 24100	Polyamide cage	T2	EG15	TVPB		-
	Pressed steel cage		EA	No suffix	C, CC, EC, ECC, E	C, CD, EA
	Solid brass cage	L1	EM, MB	M, MA, MB	CA, CAC, ECA, ECAC	M
	Extra capacity	Ultage	E, Ultage	E1, X-life	E, Explorer	HPS
	Internal clearance (if diff. from normal radial clearance)	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...	C2 / C3 etc...
	Tapered bore/taper 1:12	K	K	K	K	K
	Tapered bore/taper 1:30	K30	K30	K30	K30	K30
	Grease holes and groove	D1	W33	No suffix, S	No suffix	E4
	Stabilisation treatment	TS	No suffix	No suffix	No suffix	No suffix, S11
	Specification of screen/ vibrating applications	UAVS1, UAVS2	F800, F801	T41A, T41D	VA405	U15VS
	<b>Thrust bearings with a single row of spherical rollers</b> 29300-29400 series	Pressed steel cage			No suffix	No suffix
Solid brass cage		No suffix		MB	No suffix	M
Extra capacity			E	E	E	E