

Spherical Full Complement Cylindrical Roller Bearings

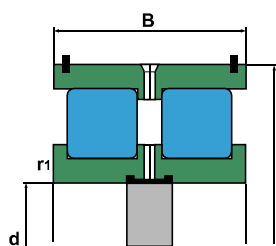
(SL05 series and SL06 series)

Spherical full complement cylindrical roller bearings (SL05 series and SL06 series) are double row cylindrical roller bearings with a spherical outer ring.

Double row full complement cylindrical roller bearings:

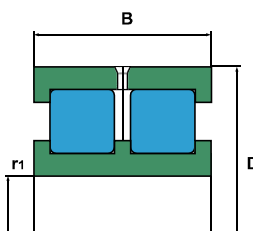
Double row full complement cylindrical roller bearings are all supplied with a lubrication groove with holes in the outer ring, which enables full lubrication access into the rolling space of each row of cylindrical rollers. The inner ring of the NNC, NNCL and NNCF design has three guiding flanges to ensure guiding accuracy of cylindrical rollers. They differentiate by the number of guiding flanges and snap rings in the outer ring. These components stop the rolling elements from falling out.

NNF series : Equivalent INA type SL04 series



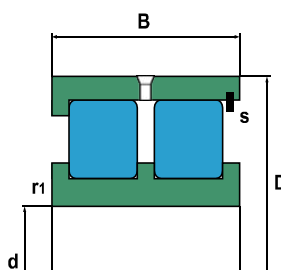
- Single outer ring with central flange.
- 2 identical inner rings held together with metallic spring.
- Oil groove and holes in both rings.
- PP: Sealed and lubricated.
- 2NR: 2 snap rings.
- Locating bearing.

NNC series: Equivalent INA type SL01 series

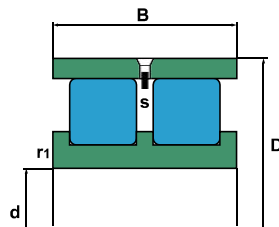


- Two outer rings with integral flange.
- Inner ring with 3 flanges.
- Oil groove and holes in outer ring.
- Locating bearing.

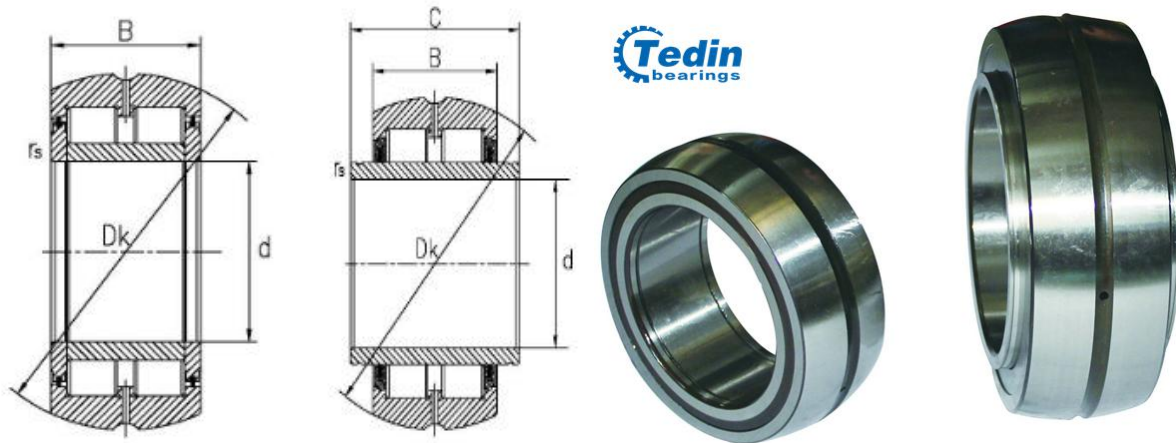
NNCF series: Equivalent INA type SL1850 series



- Single outer ring with one flange.
- Outer ring located with one snapping.
- Inner ring with 3 flanges.
- Oil groove and holes in outer ring.
- Semi locating bearing.

NNCL series: Equivalent INA type SL02 series


- Single outer ring with without flange.
- Outer ring located with a central snapping.
- Inner ring with 3 flanges.
- Oil groove and holes in outer ring
- Non locating bearing

UNNC and UNNCL series: Equivalent INA type SL05 and SL06 series


Spherical full complement cylindrical roller bearings (SL05, SL06 series)

Locating bearing	Non-Locating bearings	Dimensions (mm)						Installation dimensions d1	Weight (kg)
		d	K ball diameter	B/C	B1	rs	S1		
SL05016 E		80	120	45		1.1		94	1.7
	SL06016 E	80	120	45	55	1.1	2.5	88	1.8
SL05018 E		90	140	50		1.5		106	2.8
	SL06018 E	90	140	50	60	1.5	2.5	100	2.95
SL05020 E		100	150	55		1.5		116	3.3
	SL06020 E	100	150	55	65	1.5	2.5	110	3.45
SL05022 E		110	170	60		2		130	4.9
	SL06022 E	110	170	60	75	2	5	124	5.2
SL05024 E		120	180	60		2		138	5.2
	SL06024 E	120	180	60	75	2	5	132	5.5
SL05026 E		130	200	65		2		154	7.4
	SL06026 E	130	200	65	80	2	5	146	7.8



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SL05028 E		140	210	70		2		160	8.2
	SL06028 E	140	210	70	85	2	5	152	8.55
SL05030 E		150	225	75		2.1		175	10
	SL06030 E	150	225	75	90	2.1	5	166	10.5
SL05032 E		160	240	90		2.1		184	13.7
	SL06032 E	160	240	90	110	2.1	7.5	175	14.3
SL05034 E		170	260	95		2.1		196	17.4
	SL06034 E	170	260	95	115	2.1	7.5	186	18.1
SL05036 E		180	280	100		2.1		210	22.1
	SL06036 E	180	280	100	120	2.1	7.5	200	23
SL05038 E		190	290	110		2.1		222	25.1
	SL06038 E	190	290	110	135	2.1	10	212	26.5
SL05040 E		200	310	115		2.1		234	30.5
	SL06040 E	200	310	115	140	2.1	10	222	32
SL05044 E		220	340	125		3		262	40
	SL06044 E	220	340	125	150	3	10	248	42
SL05048 E		240	360	130		3		278	44
	SL06048 E	240	360	130	155	3	10	266	46

For more information, please contact [Tedin's](#) technical center.