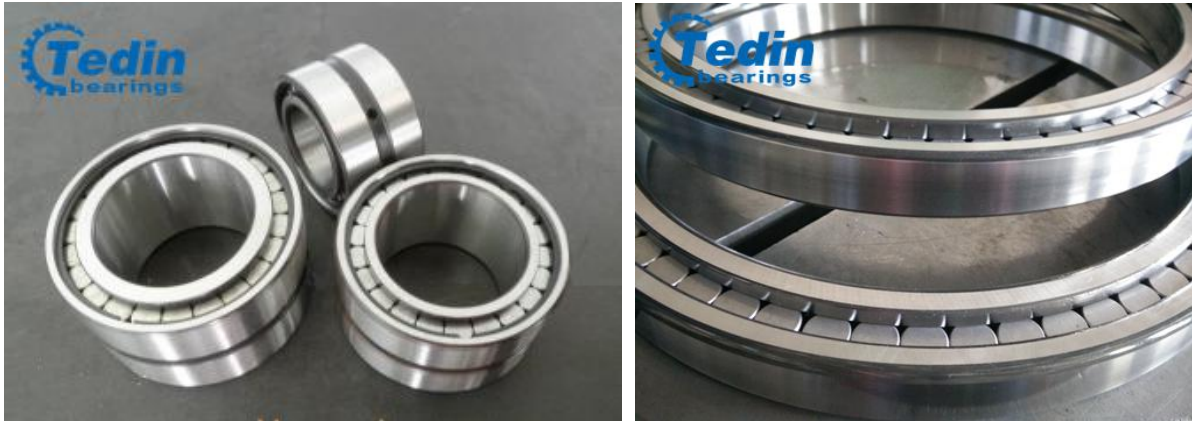


## SL18 series Full Complement Cylindrical Roller Bearings



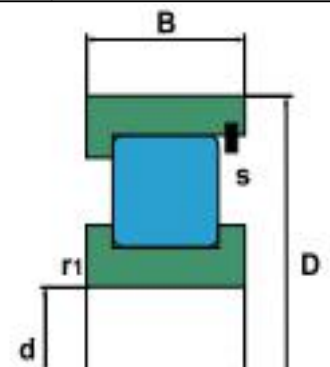
SL18 series full complement cylindrical roller bearings belong to semi-locating bearings: besides a high radial load carrying capacity, also a small axial load carrying capacity in one direction. This enables the bearing to locate a shaft unidirectional.

Comparison Table

INA Type Code	SKF Type Code	Characteristic	Example
SL1818xx	NCF18xx	Semi-locating bearing, Dimension Series 18	SL181856=NCF1856
SL1822xx	NCF22xx	Semi-locating bearing, Dimension Series 22	SL182211=NCF2211
SL1829xx	NCF29xx	Semi-locating bearing, Dimension Series 29	SL182960=NCF2960
SL1850xx	NNCF50xx	Semi-locating bearing, Double-row, Dimension Series 50	SL185028=NNCF5028

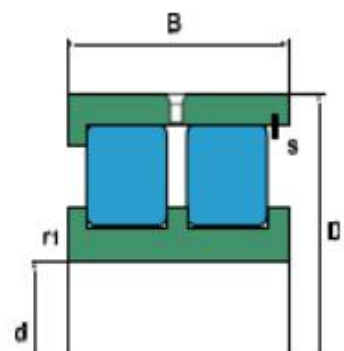
### Single row type: SL1818, SL1822, SL1829 series

- Single outer ring with one fixed flange
- Single inner ring with two fixed flanges
- a retaining ring inserted on the flangeless side of the outer ring, which keeps the whole bearing integrated
- The retaining ring is for handling purposes only, it cannot support axial load
- Outer ring is located with a snap ring



### Double row type: SL1850 series

- Single outer ring with one fixed flange
- Inner ring with 3 fixed flanges
- Outer ring located with one snap ring which keeps the whole bearing integrated
- Oil groove and holes in outer ring



NNCF series

**Application of SL18 series:** General machine industry, Gear drives.

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Rolling mills, Crop shears

**Tedin's Advantages:**

1. Strict quality control in full producing process, 100% test;
2. Competitive price with prompt delivery;
3. OEM manufacturing available;
4. Suitable packing according to customer's requirements;
5. Large quantity in stock, efficiency in delivery;
6. Free sample available;

**Our production:**

In accordance with ISO 9001 quality system, with the advanced production machinetools, sophisticated processing technology, strict quality management system, skilled workers and innovative technical team, make our bearings in continuous quality improvement and technology development.



**Our warehouse:**

We have large quantity of types of full complement cylindrical roller bearings in stock, which assuring our customer to get their order delivered efficiently.





Semi-locating,full complement ,cylindrical roller bearing										
single row,semi-locating		double row,semi-locating		Dimensions				basic load rating		Mass
INA ref.	SKF ref.	INA ref.	SKF ref.	d	D	B	S	dyn.	stat.	KG
SL183004	NCF3004CV			20	42	16	1.5	30.5	26.5	0.11
SL182204	NCF2204V			20	47	18	1	45.5	37.5	0.16
		SL185004	NNCF5004V	20	42	30	1	53	53	0.2
SL183005	NCF3005CV			25	47	16	1.5	35	32.5	0.12
SL182205	NCF2205V			25	52	18	1	51	45	0.18
SL192305	NJG2305VH			25	62	24	2	73	60	0.37
		SL185005	NNCF5005V	25	47	30	1	60	65	0.23
SL183006	NCF3006CV			30	55	19	2	45	43	0.2
SL182206	NCF2206V			30	62	20	1	70	65	0.3
SL192306	NJG2306VH			30	72	27	2	100	88	0.56
		SL185006	NNCF5006V	30	55	34	1.5	78	84	0.35
SL183007	NCF3007CV			35	62	20	2	55	55	0.26
SL182207	NCF2207V			35	72	23	1	88	79	0.44
SL192307	NJG2307VH			35	80	31	2	126	112	0.74
		SL185007	NNCF5007V	35	62	36	1.5	94	109	0.46
SL183008	NCF3008CV			40	68	21	2	66	68	0.31
SL182208	NCF2208V			40	80	23	1	97	93	0.55
SL192308	NJG2308VH			40	90	33	2	170	156	1.01
		SL185008	NNCF5008V	40	68	38	1.5	113	136	0.56
SL183009	NCF3009CV			45	75	23	2	70	76	0.4
SL182209	NCF2209V			45	85	23	1	101	99	0.59
SL192309	NJG2309VH			45	100	36	3	181	169	1.37
		SL185009	NNCF5009V	45	75	40	1.5	120	151	0.71
SL183010	NCF3010CV			50	80	23	2	88	96	0.43
SL182210	NCF2210V			50	90	23	1	109	113	0.64
SL192310	NJG2310VH			50	110	40	3	232	219	1.81



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		SL185010	NNCF5010V	50	80	40	1.5	151	191	0.76
SL183011	NCF3011CV			55	90	26	2	120	136	0.64
SL182211	NCF2211V			55	100	25	1	140	150	0.87
SL192311	NJG2311VH			55	120	43	3	270	255	2.28
		SL185011	NNCF5011V	55	90	46	1.5	206	275	1.16
SL182912	NCF2912V			60	85	16	1	63	78	0.29
SL183012	NCF3012CV			60	95	26	2	123	145	0.69
SL182212	NCF2212V			60	110	28	1.5	169	180	1.18
SL192312	NJG2312VH			60	130	46	3	285	280	2.88
		SL185012	NNCF5012V	60	95	46	1.5	212	290	1.24
SL182913	NCF2913V			65	90	16	1	67	86	0.31
SL183013	NCF3013CV			65	100	26	2	130	159	0.73
SL182213	NCF2213V			65	120	31	1.5	198	214	1.57
SL192313	NJG2313VH			65	140	48	3.5	350	355	3.52
		SL185013	NNCF5013V	65	100	46	1.5	223	320	1.32
SL182914	NCF2914V			70	100	19	1	88	114	0.49
SL183014	NCF3014CV			70	110	30	3	153	176	1.02
SL182214	NCF2214V			70	125	31	1.5	184	117	1.66
SL192314	NJG2314VH			70	150	51	3.5	385	390	4.33
		SL185014	NNCF5014V	70	110	54	3	265	355	1.85
SL182915	NCF2915V			75	105	10	1	91	121	0.52
SL183015	NCF3015CV			75	115	30	3	162	194	1.06
SL182215	NCF2215V			75	130	31	1.5	190	241	1.75
SL192315	NJG2315VH			75	160	55	3.5	460	465	5.3
		SL185015	NNCF5015V	75	115	54	3	275	390	1.93
SL182916	NCF2916V			80	110	19	1	94	129	0.55
SL183016	NCF3016CV			80	125	34	4	173	225	1.43
SL182216	NCF2216V			80	140	33	1.5	226	285	2.15
SL192316	NJG2316VH			80	170	58	3.5	540	560	6.32
		SL185016	NNCF5016V	80	125	60	3.5	295	450	2.59
SL182917	NCF2917V			85	120	22	1	118	162	0.81
SL183017	NCF3017CV			85	130	34	4	178	237	1.51
SL182217	NCF2217V			85	150	36	1.5	255	325	2.74
SL192317	NJG2317VH			85	180	60	4	570	620	7.32
		SL185017	NNCF5017V	85	130	60	3.5	305	475	2.72
SL182918	NCF2918V			90	125	22	1	122	172	0.84
SL183018	NCF3018CV			90	140	37	4	208	280	1.97
SL182218	NCF2218V			90	160	40	2.5	290	370	3.48



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SL192318	NJG2318VH			90	190	64	4	620	660	8.83
		SL185018	NNCF5018V	90	140	67	4	355	560	3.62
SL182919	NCF2919V			95	130	22	1	132	179	0.86
SL182219	NCF2219V			95	170	43	2.5	340	435	4.17
SL192319	NJG2319VH			95	200	67	4	650	720	10.2
SL182920	NCF2920V			100	140	24	1.5	152	206	1.14
SL183020	NCF3020CV			100	150	37	4	219	310	2.15
SL182220	NCF2220V			100	180	46	2.5	395	520	5.13
SL192320	NJG2320VH			100	215	73	4	790	860	13
		SL185020	NNCF5020V	100	150	67	4	375	620	3.94
SL182922	NCF2922V			110	150	24	1.5	155	220	1.23
SL183022	NCF3022CV			110	170	45	5.5	285	395	3.5
SL182222	NCF2222V			110	200	53	4	455	590	7.24
SL192322	NJG2322VH			110	240	80	5	950	980	17
		SL185022	NNCF5022V	110	170	80	5	490	790	6.32
SL182924	NCF2924V			120	165	27	1.5	199	295	1.73
SL183024	NCF3024CV			120	180	46	5.5	300	435	3.8
SL182224	NCF2224V			120	215	58	4	540	730	9.08
SL192324	NJG2324VH			120	260	86	5	1130	1240	22.3
		SL185024	NNCF5024V	120	180	80	5	520	870	6.77
SL182926	NCF2926V			130	180	30	2	238	355	2.33
SL183026	NCF3026CV			130	200	52	5.5	435	620	5.65
SL182226	NCF2226V			130	230	64	5	630	860	11.25
		SL185026	NNCF5026V	130	200	95	5	740	1230	10.2
SL182928	NCF2928V			140	190	30	2	260	385	2.42
SL183028	NCF3028CV			140	210	53	5.5	455	680	6.04
SL182228	NCF2228V			140	250	68	5	720	1020	14.47
		SL185028	NNCF5028V	140	210	95	5	780	1360	11.1
SL182930	NCF2930V			150	210	36	2.5	340	490	3.77
SL183030	NCF3030CV			150	225	56	7	480	710	7.33
SL182230	NCF2230V			150	270	73	6	830	1180	18.43
		SL185030	NNCF5030V	150	225	100	6	810	1390	13.3
SL182932	NCF2932V			160	220	36	2.5	350	520	4
SL183032	NCF3032CV			160	240	60	7	550	820	8.8
SL182232	NCF2232V			160	290	80	6	1030	1490	23
		SL185032	NNCF5032V	160	240	109	6	952	1600	16.2

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