

## SL02 series Full Complement Cylindrical Roller Bearings

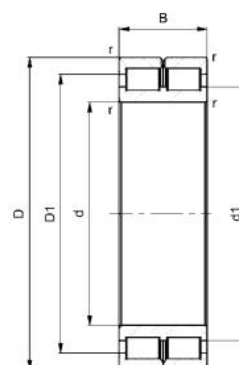
(Equally to NNCL series bearings)



SL02 series bearing is an open type bearing (without sealing rings). The inner ring has three ribs for fixing rollers, while the outer ring has no ribs. SL02 series bearing is clamped on the outer ring and the locking ring between two rows of rollers fixes the two separated outer rings together. This series of bearings can allow a certain axial displacement between the shaft and the bearing seat to occur in the bearing, so it can be used as a floating end bearing.

### Design Information:

1. Floating bearing, only support radial load;
2. “S” : Axial Displacement;
3. The wall thickness of inner and outer ring is thicker;
4. Full complement: without cage or separating block;
5. Inner ring diameter range: 60mm-500mm;



### Application:

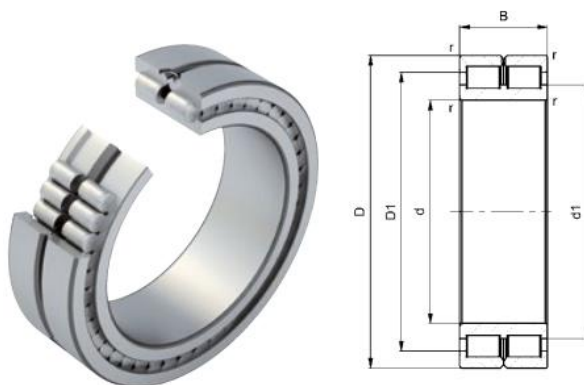
SL02 series full complement cylindrical roller bearing has the characteristics of high rigidity, capable to bear extremely heavy load in certain space. Comparing with the lower speed of bearing with cage, this type bearing is suitable for heavy load, medium and low speed, static load and vibration occasions.

The products are mainly used in reducer, pipe rolling machine transmission parts, hydraulic pump, gear pump, etc.

### Comparison Table of Full Complement Cylindrical Roller Bearing

| INA Type Code | INA Type Code | Characteristic                             | Example          |
|---------------|---------------|--------------------------------------------|------------------|
| SL1818xx      | NCF18xx       | Half-locating bearing, Dimension Series 18 | SL181856=NCF1856 |
| SL1822xx      | NCF22xx       | Half-locating bearing, Dimension Series 22 | SL182211=NCF2211 |
| SL1829xx      | NCF29xx       | Half-locating bearing, Dimension Series 29 | SL182960=NCF2960 |
| SL1923xx      | NJG23xx       | Half-locating bearing, Dimension Series 23 | SL192340=NJG2340 |

|             |           |                                                        |                   |
|-------------|-----------|--------------------------------------------------------|-------------------|
| SL0148xx    | NNC48xx   | Locating bearing, Double-row, Dimension Series 48      | SL014848=NNC4848  |
| SL0149xx    | NNC49xx   | Locating bearing, Double-row, Dimension Series 49      | SL014918=NNC4918  |
| SL1850xx    | NNCF50xx  | Half-locating bearing, Double-row, Dimension Series 50 | SL185028=NNCF5028 |
| SL0248xx    | NNCL48xx  | Floating bearing, Double-row, Dimension Series 48      | SL024832=NNCL4832 |
| SL0249xx    | NNCL49xx  | Floating bearing, Double-row, Dimension Series 49      | SL024936=NNCL4936 |
| SL04..-PP   | NNF..PP   | Locating bearing, Double-row, with ring groove         | SL04130=NNF130    |
| SL0450..-pp | NNF50..pp | Locating bearing, Double-row, Dimension Series 50      | SL045032=NNF5032  |



| Full complement cylindrical roller bearing |         |          |          |                |     |    |     |                         |       |      |
|--------------------------------------------|---------|----------|----------|----------------|-----|----|-----|-------------------------|-------|------|
| Designation                                |         |          |          | Dimensions(mm) |     |    |     | Basic load ratings (KN) |       | MASS |
| INA.REF                                    | SKF.REF | INA.REF  | SKF.REF  | d              | D   | B  | S   | DYN.                    | STAT. | KG   |
| SL014912                                   | NNC4912 |          |          | 60             | 85  | 25 |     | 71                      | 125   | 0.49 |
|                                            |         | SL024912 | NNCL4912 | 60             | 85  | 25 | 1   | 71                      | 125   | 0.47 |
| SL014914                                   | NNC4914 |          |          | 70             | 100 | 30 |     | 108                     | 189   | 0.78 |
|                                            |         | SL024914 | NNCL4914 | 70             | 100 | 30 | 1   | 108                     | 189   | 0.75 |
| SL014916                                   | NNC4916 |          |          | 80             | 110 | 30 |     | 115                     | 211   | 0.88 |
|                                            |         | SL024916 | NNCL4916 | 80             | 110 | 30 | 1   | 115                     | 211   | 0.85 |
| SL014918                                   | NNC4918 |          |          | 90             | 125 | 35 |     | 155                     | 295   | 1.35 |
|                                            |         | SL024918 | NNCL4918 | 90             | 125 | 35 | 1.5 | 155                     | 295   | 1.3  |
| SL014920                                   | NNC4920 |          |          | 100            | 140 | 40 |     | 196                     | 380   | 1.95 |
|                                            |         | SL024920 | NNCL4920 | 100            | 140 | 40 | 2   | 196                     | 380   | 1.9  |
| SL014922                                   | NNC4922 |          |          | 110            | 150 | 40 |     | 204                     | 410   | 2.15 |
|                                            |         | SL024922 | NNCL4922 | 110            | 150 | 40 | 2   | 204                     | 410   | 2.1  |
| SL014924                                   | NNC4924 |          |          | 120            | 165 | 45 |     | 228                     | 455   | 2.95 |
|                                            |         | SL024924 | NNCL4924 | 120            | 165 | 45 | 3   | 228                     | 455   | 2.85 |
| SL014926                                   | NNC4926 |          |          | 130            | 180 | 50 |     | 265                     | 530   | 3.95 |
|                                            |         | SL024926 | NNCL4926 | 130            | 180 | 50 | 4   | 265                     | 530   | 3.8  |
| SL014928                                   | NNC4928 |          |          | 140            | 190 | 50 |     | 275                     | 570   | 4.2  |
|                                            |         | SL024928 | NNCL4928 | 140            | 190 | 50 | 4   | 275                     | 570   | 4.1  |



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|          |         |          |          |     |     |    |   |     |     |      |
|----------|---------|----------|----------|-----|-----|----|---|-----|-----|------|
| SL014830 | NNC4830 |          |          | 150 | 190 | 40 |   | 237 | 550 | 2.9  |
|          |         | SL024830 | NNCL4830 | 150 | 190 | 40 | 2 | 237 | 550 | 2.8  |
| SL014930 | NNC4930 |          |          | 150 | 210 | 60 |   | 415 | 840 | 6.65 |
|          |         | SL024930 | NNCL4930 | 150 | 210 | 60 | 4 | 415 | 840 | 6.45 |
| SL014832 | NNC4832 |          |          | 160 | 200 | 40 |   | 243 | 580 | 3.1  |
|          |         | SL024832 | NNCL4832 | 160 | 200 | 40 | 2 | 243 | 580 | 3    |
| SL014932 | NNC4932 |          |          | 160 | 220 | 60 |   | 435 | 900 | 7    |
|          |         | SL024932 | NNCL4932 | 160 | 220 | 60 | 4 | 435 | 900 | 6.8  |
| SL014834 | NNC4834 |          |          | 170 | 215 | 45 |   | 265 | 620 | 5.65 |
|          |         | SL024834 | NNCL4834 | 170 | 215 | 45 | 3 | 265 | 620 | 5.45 |
| SL014934 | NNC4934 |          |          | 170 | 230 | 60 |   | 445 | 950 | 7.35 |
|          |         | SL024934 | NNCL4934 | 170 | 230 | 60 | 4 | 445 | 950 | 7.1  |

**Questions and Answers:**

**Q. Are you a factory or a trading company?**

A: We are a factory, a professional manufacturer of high precision bearings, which has combine researching and developing, producing and marketing together. After years of researching and producing experience, we have developed a integrated system. Now, we have solid technical strength, excellent processing facilities, and also completed quality control system.

**Q. Do you have a stock for full complement cylindrical roller bearings?**

A: Yes, we have many types of full complement cylindrical roller bearings in stock. Some are half-finished as parts in stock. If any offer request, please contact us for stocklist.

**Q. Does small order available on full complement cylindrical roller bearings?**

A: Yes, we enjoy to grow up together with all our clients.

**Q. How long is your delivery time?could you supply door to door service?**

A: Generally it is 5-10 days if the goods are in stock. or it is 15-20 days if the goods are not in stock, it is according to quantity.

We could arrange shipment by air, by express(DHL,FEDEX,EMS,5-10DAYSto you city), according to customer's request.

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