



## About Us

BELGO INDUSTRY is specialized in manufacturing high quality bearings for the needs of industrial applications.

Thanks to our advanced technology and specialization in bearings, which eventually bring high quality products in affordable prices and leading time.

We ensure you high quality and service in your industrial applications. You can always count on our expert advice and flexible service.

BELGO INDUSTRY - BELGIUM

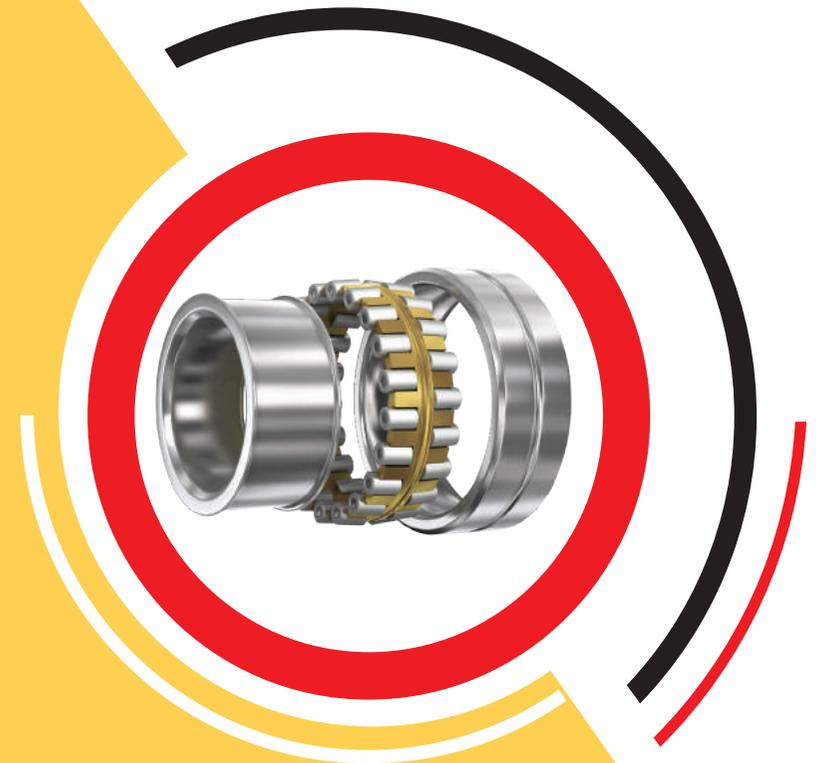
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# CYLINDRICAL ROLLER BEARINGS

# Go For Revolutionary Engineering Cylindrical Roller Bearings

Belgo cylindrical roller bearings are available in a large variety of designs, sizes, types, series, variants and materials and applied in many industries e.g: oil fields, mining, metal construction, pumps, aggregate processing, rolling mills, wheel-end planetaries, crop shears, power generation, hoists and other industrial equipments. They can accommodate heavy radial loads by operating at high speeds. The unique advantages of using Belgo cylindrical roller bearings are to operate the bearings in cooler operational temperatures with long - run durability, reliability and high performance.

## Single - Row Cylindrical Roller Bearings :

This type of separable bearings consist of 4 basic designs as indicated here below :

**N** : double - ribbed inner ring and straight outer rings.

They can accommodate axial displacement of the shaft relative to the housing in both direction and the relative axial displacement of one ring to the other occurs with minimum friction at the time of bearing's rotation

**NJ** : two fixed ribs on the outer ring and one fixed rib on the inner ring.

They can accommodate both heavy radial loads and light unidirectional thrust loads.

**NU** : double - ribbed outer and straight inner rings.

They can accommodate axial displacement of the shaft relative to the housing in both direction.

**NUP** : two fixed ribs on the outer ring and a support washer with a fixed rib on the inner ring.

They are used to minimize alignment variations in the drive as locating bearings.

Belgo single - row cylindrical roller bearings are available in many series and versions :

200 / 300 / 400 / 1000 / 2200 / 2300

**E** : guided on the rollers with steel cage (increased loading capacity)

**EM** : guided on the rollers with brass cage (increased loading capacity)



**EMA** : guided on the outer ring with brass cage (increased loading capacity)

**ES** : guided on the rollers with steel cage (increased loading capacity)

**M** : guided on the rollers with brass cage

**MA** : guided on the outer ring with brass cage



**NU**



**NJ**



**NUP**



**N**

## Double - Row & Four Row Cylindrical Roller Bearings

Belgo double - row cylindrical roller bearings can take high stiffness and high loads. Their main application areas are grinding mills, rolling mill stands, machine tools and gearboxes.

Due to their separability, they can be easily mounted, inspected and maintained for the applications.

Belgo double - row cylindrical roller bearings are available in different series and versions

NN 3000 / NNU 4900

MP51 : P5 (tolerance class), C1 (radial clearance) with brass cage.

KMP51 : P5 (tolerance class), C1 (radial clearance) with tapered bore.



**NN30**



**NN30 K**



**NNU49**



**NNU49 K**



## Full Complement Cylindrical Roller Bearings

Belgo full complement cylindrical roller bearings consist of outer and inner rings as well as rib - guided cylindrical rollers.

Their main characteristics feature is to accommodate high loads. They are manufactured with single or more row rollers and if they are used with the cages, their speed becomes more than the ones without cages.

Belgo full complement roller bearings are available in many series and versions :

SL04 50 ... / SL 18 18 ... / SL01 49 ... / NJ 23 VH as non - locating, semi - locating and locating bearings in single and double row designs.



**SL**



**NJVH**

