



# **Four-Row Cylindrical Roller Bearings**

**For Long Product Rolling Mills**

# Four-Row Cylindrical Roller Bearings For Long Product Mills

The metal industry operates in challenging conditions where equipment endures extreme stress. In long product mills, ensuring continuous operations and minimizing downtime is essential. NBC Bearings provides high-performance, reliable bearing solutions that enhance efficiency, durability, and operational uptime in these demanding environments.



## P6 Dimensional Tolerance

**Precise Operating Clearance:** Ensures optimized load zone which lowers individual roller stress and better load distribution.

**Quieter Operation:** Minimizes noise and vibration for a quieter experience.

## P5 Running Accuracy

**Minimized Runout:** Accurate operation with reduced radial and axial deviations.

**Higher Speed Capability:** Enhanced allowable speed.

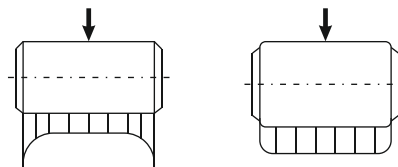
## Clean Bearing Steel

**Enhanced Durability & Performance:** Offers high toughness, fatigue resistance, and impact resistance, ensuring long-lasting performance under heavy loads.

**Longer Lifespan:** Resists cracking, deformation, and premature wear, extending bearing life.

## Optimized Roller Profile

**Even Load Distribution:** Optimized profile ensures even load distribution under high pressure and reduces edge stresses.



## Machined Brass/Steel Cage

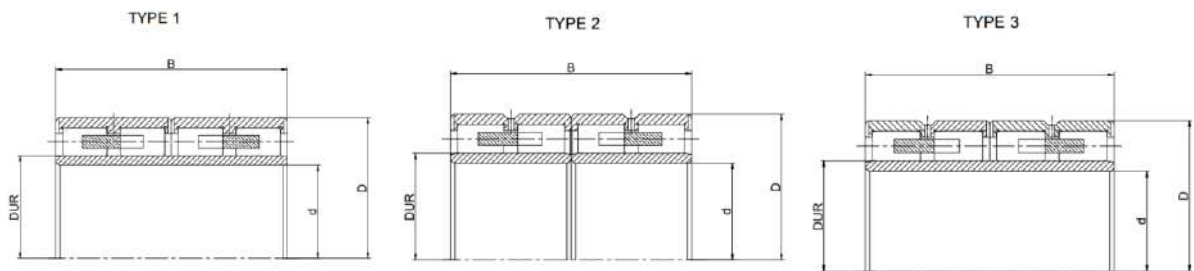
NBC offers both types of cage design machined brass and machined steel depends on the customer requirements. Machined steel cages offer high strength and durability for heavy loads, while machined brass cages deliver self-lubricity, lower friction, and corrosion resistance for harsh environments.

## Reduced Roller Drop

**Easier Assembly & Installation:** Simplifies assembly, reducing the risk of damage during installation and ensuring optimal performance.



# NBC Bearings Solutions for Long Products Mills



Sr. No.	Part Number	ID (mm)	OD (mm)	Width (mm)	Dynamic (Cr)	Static (Cor)	Weight (Kg)
1	314625P6C4	145	210	155	680	1700	18.7
2	313924AP6C4	145	225	156	850	1860	23.6
3	315189AP6C4	160	230	168	900	2200	23.3
4	315642P6C4	165.1	225.425	168.275	860	2200	19.4
5	313812P6C4	180	260	168	1100	2600	30.2
6	313651P6C4	190	260	168	980	2600	26.9
7	314199P6C4	190	270	200	1270	3120	35.9
8	314553P6C4	200	270	170	1030	2830	28.4
9	315189AP6C4	200	280	170	1100	2900	32.9
10	313893P6C4	200	280	200	1340	3400	38.9
11	313811P6C4	200	290	192	1400	3480	42.3
12	313824P6C4	230	330	206	1600	4100	59.2
13	314997P6C4	260	360	204	1820	4430	62.7
14	313823P6C4	260	370	220	1940	4950	77.2
15	313822P6C4	280	390	220	2100	5570	81.1
16	314719P6C4	280	390	275	2460	6500	103
17	314484DP6C4	300	420	300	3000	8140	130
18	314485AP6C4	340	480	350	4030	11000	204
19	314486AP6C4	370	520	380	4610	13300	259

**Note:** Other sizes and variations are also available as per customer requirements. For further assistance contact NEI application engineering team.

## Why Choose NBC Bearings

Feature	Benefits
Exceptional Durability	Premium-grade steel for high toughness, impact resistance, and extended lifespan under heavy loads.
Precision & Reliability	Optimized design ensures precise operation, smooth performance, and reduced noise and vibration.
Efficient Performance	Supports high-speed applications with minimal heat generation, reducing maintenance needs.
Made in India, Trusted Worldwide	Proudly manufactured in India, meeting global standards for performance and reliability.



## OTHER PRODUCTS FROM NBC BEARINGS

Since the challenges faced by industry are many, NBC offers a diverse range of exceptional bearings.

**NBC bearings are available in sizes from 06 mm bore to 2000 mm outer diameter.**



Deep Groove Ball Bearing



Tapered Roller Bearing



Cylindrical Roller Bearing



Needle Roller Bearing



Spherical Roller Bearing Steel Cage



Double Row Angular Contact Bearing



Double Row Tapered Roller Bearing



Sealed Spherical Roller Bearing



Spherical Roller Bearing Brass Cage



Spherical Roller Thrust Bearing



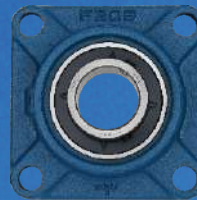
Insulated Ball Bearing



Hybrid Ball Bearing



Oil Impregnated Bearing



Pillow Block UCF



Pillow Block UCP



4 Row Cylindrical Roller Bearing Steel Cage



4 Row Cylindrical Roller Bearing Brass Cage



4 Row Tapered Roller Bearing



4 Row Sealed Tapered Roller Bearing



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