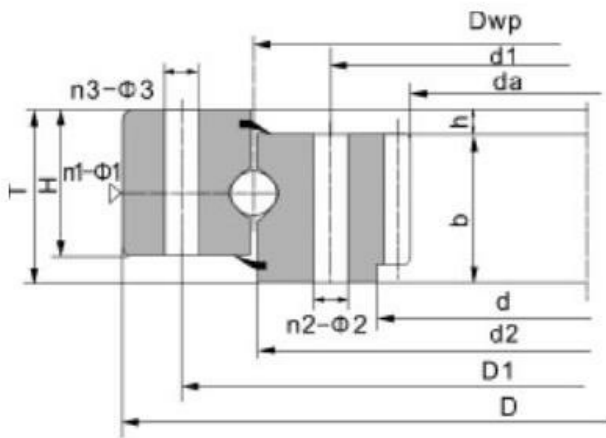


013.30.1120.03K/P5



Technical sheet of 013.30.1120.03K/P5

What are the Benefits of choosing 013.30.1120.03K/P5 bearings?

- **Compact Structure:** A single bearing can withstand axial force, radial force, and overturning moment, saving space.
- **High Load Capacity:** Four-point contact design provides strong static load capacity.
- **High Precision:** Smooth operation enables precise rotary positioning.
- **Low Frictional Torque:** Flexible operation, suitable for medium and low speed conditions.
- **Economical:** Simple structure, low cost, and easy maintenance.

Type :	Four point contact ball slewing bearings (Internal gear type)	
Model :	013.30.1120.03K/P5	
Main demensions :	988 mm × 1242 mm × 105 mm Bore Dia × Outside Dia × Width Dia	
M kg:	298	Mass
d mm:	988	inner ring diameter
D mm:	1242	Outer ring diameter
B(T) mm:	105	Overall Width

Detailed parameters and installation dimensions:

D1: 1198 mm, d1: 1042 mm, d2: 1119 mm, H: 90 mm, h: 10 mm, Dwp: 1120 mm, n1: 6 mm, n2: 36 mm, n3: 36 mm, φ1: M10×1 mm, φ2: 18 mm, φ3: 18 mm, da: 960.25 mm, b: 80 , m: 8 , Z: 121 , x: 0.5

What are the applications of the 013.30.1120.03K/P5 bearing?

- **Construction machinery (e.g., medium-sized excavators, cranes):** Bears complex loads, ensuring flexible rotation of the upper frame and stable, reliable operation.
- **Wind power generation (e.g., yaw bearings):** Precisely aligns with wind, adapts to harsh environments, and ensures long-term reliable operation.
- **Lifting and transportation (e.g., truck cranes, tower cranes):** Bears the overturning moment of the boom, ensuring smooth and safe lifting.
- **Medical equipment (e.g., CT scanners):** Low noise and high stability meet the rotational stability requirements of precision diagnosis.
- **Amusement park equipment: (e.g., Ferris wheels and carousels):** Ensures long-term safety and reliability, providing a smooth and comfortable riding experience.
- **Solar energy: (e.g., Photovoltaic and solar thermal tracking brackets):** Precisely tracks the sun's angle, increasing total power generation.
- **Military specialty equipment: (e.g., Radar antenna mounts and tank turrets):** Meets high mobility and aiming accuracy requirements, adapting to harsh environments.
- **Port machinery (e.g., small ship unloaders, gantry cranes):** Enables smooth operation under frequent rotation, improving loading and unloading efficiency.
- **Environmental protection/water treatment (e.g., sludge scrapers, agitators):** Ensures long-term continuous operation in corrosive and humid environments, guaranteeing effective wastewater treatment.
- **Material handling (e.g., rotary indexing tables, packaging machinery turntables):** Enables precise indexing and continuous rotation at workstations, improving automated production efficiency.

Tradebearing(TBS): <https://en.tradebearings.com/>

Email: admin@tradebearings.com
 Whatsapp/Mob.: +86 15906428604