



# Continue to meet the diverse needs of customers with learning ability and creativity.

- Customized products;
- Never let go of defective products;
- Products are traceable;
- Customer-centric, flexible to meet customer needs.

# WKB (Wafangdian) Bearing Technology Co., Ltd.



# **PRESENTATION**

WKB is the subsidiary of ZWA bearing group, locates in Wafangdian city, the "Bearing Capital of China".



# Quality Assurance Capability - Material Inspection







Directly-read spectrometer. for detecting chemical composition of raw materials

Leica microscope. for detecting metallographic organization

Rockwell hardness tester

Vickers hardness tester. Testing gradient hardness

WKB strictly control the quality of raw material and heat treatment.





# **Quality Assurance Capability**













3m length measuring instrument





3D coordinate measuring instrument. For any complex shape, its geometric accuracy can be effectively inspected.

Roundness meter

**Roughness Tester** 

# Manufacturing Capability - Heat Treatment













- Using the most advanced Aichelin heat treatment equipment;
- Adopt salt-bath martensite and bainite quenching process;
- Ensure that the hardness difference of the parts does not exceed one degree.























Our employees are dedicated to process products.

Each process has been 100% tested.

Never let go of defective products.















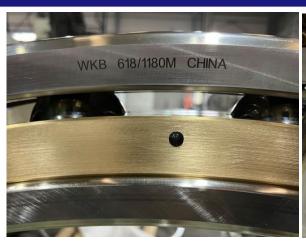






# Marking and Packing

















# Advantage Products



Spherical Roller	Cylindrical Roller	Tapered Roller	Thrust Spherical	Split Bearings
bearings	Bearings	Bearings	Roller bearings	
50-2000mm	50-2000mm	50-2000mm	100-2000mm	100-1800mm
(ID)	(ID)	(ID)	(ID)	(ID)

# **Product Classification**



Rolling Bearing	Bearing Structure	Specific Structure	Inner Diameter mm
Roller Bearing	Spherical roller bearings	CA, MB, CC, E	50-2000
	Tapered roller bearings	Single-Row, Double-Row, Four-Row	50-2000
	Cylindrical roller bearings	Single-Row, Double-Row, Four-Row	50-2000
		Full-Complement Cylindrical Roller Bearings	100-1000
	Split spherical roller bearings		200-1800
	Carb Bearings	Open, Sealed	50-1250
	Spherical roller thrust bearings	with solid brass cage, pressed steel cage	100-2000
	Cylindrical roller thrust bearings	Single-row, double-row	100-2000
	Tapered roller thrust bearings		100-670
Ball Bearing	Angular contact ball bearings	Single-Row, Double-Row, Four-Point Angular Contact	70-1250
	Deep groove ball bearings	Open, Sealed, shield	70-1900
	Thrust ball bearings	Single-Row, Double-Row	70-1400



# Spherical Roller Bearings

ID: 50-2000mm

Precision: P0, P6, P5



# Tapered Roller Bearings

ID: 50-2000mm

Precision: P0, P6, P5, P4





# Cylindrical Roller Bearings

ID: 50-2000mm

Precision: P0, P6, P5, P4





# Thrust Spherical Roller Bearings

ID: 100-2000mm Precision: P0, P6





# **Split Bearings**

ID: 200-1800mm

Precision: P0, P6, P5, P4











# **Others**

Size: 50-2000mm Precision: P0, P6

















# Industries of application



#### Metallurgical industry



- backup rolls,
- ✓ work rolls.
- ✓ intermediate rolls.
- ✓ continuous casting machine segments,
- ✓ converter trunnions, etc.

#### Cement industry



- ✓ vertical mills,
- roller presses,
- rotary kilns,
- ✓ crushers,
- ✓ vibrating screens,
- √ ball mills,
- ✓ belt conveyors.

#### Mining machinery



- ✓ vibrating screens,
- ✓ crushers,
- sand making machines,
- mining machinery,
- mine dump trucks,
- ✓ belt conveyors, etc.

#### Paper Machinery



- ✓ refiners.
- pressure screens.
- ✓ filters,
- √ forming rolls,
- separation rolls.

#### **Construction Machinery**



- √ tunnel boring,
- machinery,
- coal boring machines.
- earthmoving machinery.

#### Power transmission



- gear boxes
- reducer

#### Oil Machinery





# WKB (Wafangdian) Bearing Technology Co., Ltd.



WKB always provides products and services that exceed customers' expectations with professional knowledge and rigorous attitude.



Contact: Chen Yingsheng (Mr.)

WKB (Wafangdian) Bearing Tecknology Co., Ltd. WKB (Wafangdian) Bearing Sales Co., Ltd.

Add: No. 17, south road of Industrial park. Wawo town, Wafangdian City, Liaoning Prov. China

E-mail: <a href="mailto:chenysh@wkb-bearing.com">chenysh@wkb-bearing.com</a>; <a href="mailto:chenysh@wkb-bearing.com">chenysh@wkb-bearing.com</a>;

Mob: +86 13840865918 (Wechat)

Tel: +86 (411) 85529188 www.wkb-bearing.com





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总比您的期望好一点!

Always better than your expectations.

www.wkb-bearing.com

