Spherical Roller Bearing
E1 Series spherical roller bearings- 22220EK, 22220E1

Designação	
Furo Cilíndrico	**22220E1**
Furo Cônico	**22220EK**
Dimensões principais (mm)	
d	100
D	180
B	46
Classificações básicas de carga (KN)	
Dyc Cr	425
Stc Cor	490
Limitando a velocidade	
Classificações de velocidade	3400
Limitando a velocidade	4500
Peso (Kg)	4.90

GQZ bearings wholesale Customization high quality E1 Series spherical roller bearings

The characteristics of E1 series spherical roller bearings mainly include reduced bearing friction, improved lubrication, higher load ratings, and good ability to withstand multi-directional forces.

The design features of E1 series spherical roller bearings are mainly reflected in the following aspects:

1**Reduced bearing friction:** Through the design of the center retaining ring close to the outer ring, the lubrication of the roller end faces in contact with the retaining ring can be improved, thus reducing bearing friction.

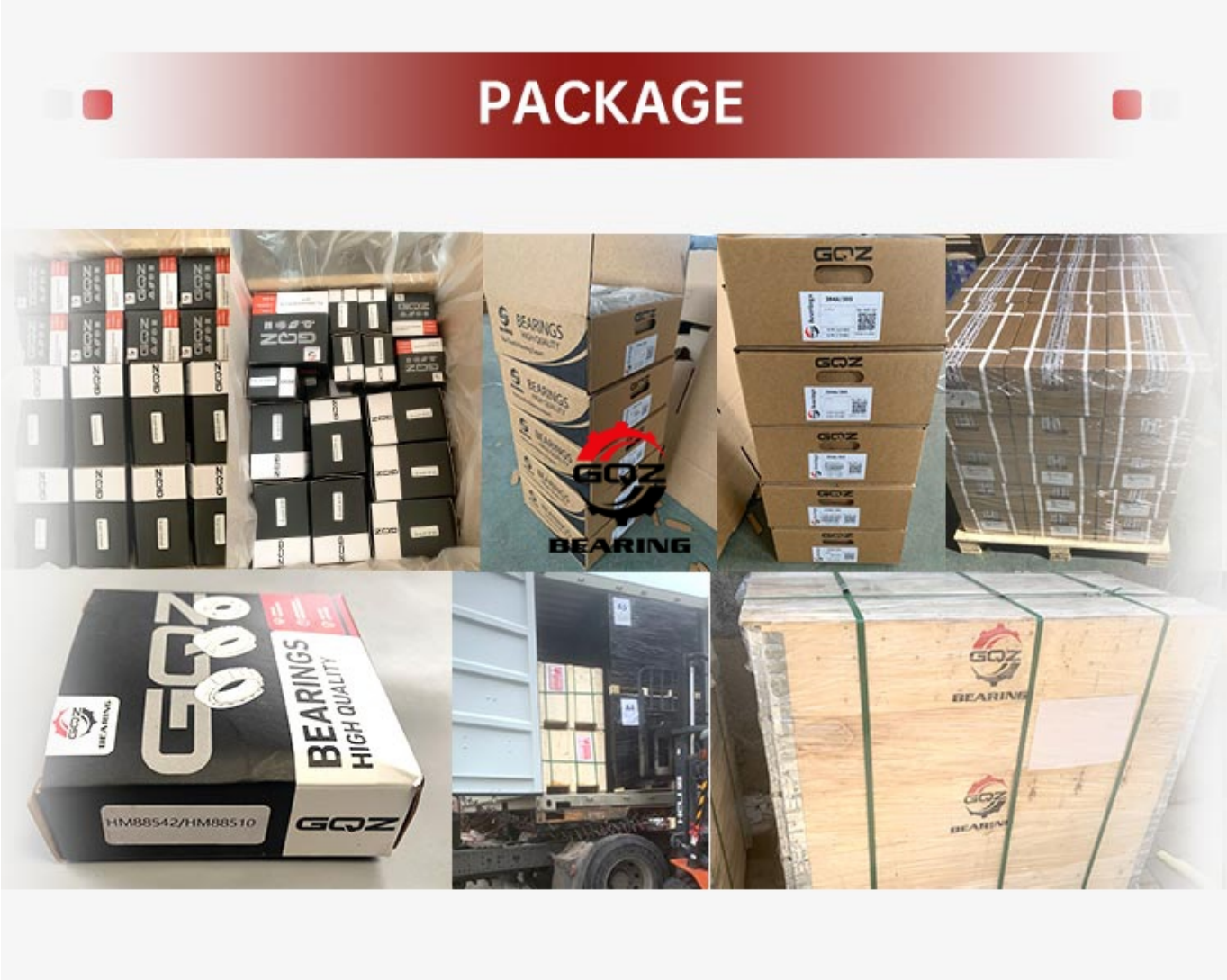
2**Improved lubrication:** This design helps to guide the rollers in the non-loaded zone and assists the rollers to enter the loaded zone, while the roller length is increased, thus increasing the load rating.

3**Increased load rating:** Typically load ratings can be increased by 20% to 35% due to the increased roller length and improved lubrication allowing the bearing to withstand greater loads.

4**Multi-directional force tolerance:** E1 series spherical roller bearings can withstand multi-directional forces, high speed, high tolerance, which makes it in a variety of operating conditions can maintain good performance.

These features make E1 series spherical roller bearings perform well in applications requiring high loads, low friction and multi-directional forces, and are suitable for applications where angular errors are caused by mounting errors or shaft deflection.

E1 series spherical roller bearings are mainly used in high load mining machinery, steel mills, oil fields and other fields.



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