

Four Point Angular Contact Ball Bearing

5300 Series Angular Contact Ball Bearing-5314 

Designação	5314
Dimensões principais (mm)	
d	70
D	150
B	63.5
r (min)	2.1
Classificações básicas de carga (KN)	
Cr	159000
Cor	128000
Classificações básicas de carga (kgf)	
Cr	16200
Cor	13100
Velocidade limite (rpm)	
Graxa	3000
Óleo	3800
Distância do ponto de ação	
a0 (mm)	78.3
Dimensões de instalação (mm)	
da (min)	82
Da (max)	138
ra (max)	2
Peso	
(kg)	4.9

GQZ bearings wholesale high quality 5300 Series Four Point Angular Contact Ball Bearing

The characteristics of 5300 series angular contact ball bearings mainly include the ability to withstand both radial and axial loads, a high rotational speed, and a high load carrying capacity.

1 Withstand radial and axial loads at the same time: The design of angular contact ball bearings allows them to be subjected to radial loads while also being able to withstand axial loads. This design allows the 5300 series angular contact ball bearings to provide stable support in multiple directions for application scenarios that require both radial and axial loads.

2 Higher speeds: Due to the design and material selection of the 5300 series angular contact ball bearings, they are able to operate at higher speeds for high-speed rotating applications. This characteristic makes them particularly suitable for use in mechanical equipment such as high-speed motors that require high rotational speed support.

3 Higher load carrying capacity: 5300 series angular contact ball bearings have a large load carrying capacity, which enables them to be used in a wide range of industrial machinery applications. This high load carrying capacity makes them able to stably support heavy loads and maintain stable operation of mechanical equipment.

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In addition, 5300 series angular contact ball bearings are characterized by high precision and high rigidity, which is suitable for application scenarios that require high precision and high stability. Together, these features ensure that 5300 series angular contact ball bearings are used in high-speed machines, high-precision parts of industrial machinery, mechanical equipment that needs to withstand high axial and radial loads, and ancillary components that require high reliability and precision.



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