

Four Point Angular Contact Ball Bearing

5200 Series Angular Contact Ball Bearing-5209 

Designação	5209
Dimensões principais (mm)	
d	45
D	85
B	30.2
r (min)	1.1
Classificações básicas de carga (KN)	
Cr	49500
Cor	38000
Classificações básicas de carga (kgf)	
Cr	5050
Cor	3900
Velocidade limite (rpm)	
Graxa	5000
Óleo	6700
Distância do ponto de ação	
a0 (mm)	43.4
Dimensões de instalação (mm)	
da (min)	52
Da (max)	78
ra (max)	1
Peso	
(kg)	0.62

GQZ bearings wholesale high quality 5200 Series Four Point Angular Contact Ball Bearing(Open, Single or Double Row with Preload Options)

The 5200 series angular contact ball bearings are specially designed angular contact ball bearings with the following features:

Double-row angular contact design: the 5200 series bearings have a double-row angular contact design, which means that they are able to withstand both radial and axial loads at the same time, and are suitable for application scenarios where both types of loads need to be applied at the same time.

High Rotation Speed Capability: These bearings are able to operate at higher speeds, making them suitable for applications where higher speeds are required.

Contact Angle Selection: The contact angles of 5200 series angular contact ball bearings include 15°, 30° and 40°, and different contact angles can cope with different axial loads. In high-precision applications, such as machine tool spindles, they are usually used in pairs to ensure high precision and high loads.

Pair mounting: Angular contact ball bearings are usually mounted in pairs, either back-to-back or face-

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to-face, to avoid inducing additional axial forces and to limit the axial clearance of the shaft or housing in both directions.

Custom engineering: If standard solutions are not suitable for a particular application, custom engineered angular contact ball bearings can be supplied to meet the needs of high speed applications.

Materials and molding methods: cage materials include steel plate, brass or engineering plastics, and molding methods include stamping or turning, depending on the bearing form or conditions of use.

Wide range of applications: 5200 series angular contact ball bearings are suitable for a variety of equipment and machinery, such as composite machines, oral pharmaceutical equipment, pressing machine, plastic molding machine, nailing machine, machine tool lamps and lanterns, leisure food processing equipment, condenser, crushing equipment, automatic paint spray gun, bridge cranes, impeller pumps, dismantle the welding table, pressure tester, packaging equipment, winders and packaging equipment. Packaging equipment, winding and twisting machinery, bending machine, crushing equipment accessories, etc.



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