Deep Groove Ball Bearing
6300 Series deep groove ball bearing-6302

Designación de rodamiento	**6302**
Dimensión （mm）	
D	15
D	42
B	13
rs min	1
Capacidades de carga básica (kN)	
Cr	11.4
Cor	5.45
Clasificaciones de velocidad (rpm)	
Grasa	17000
Petróleo	21000
Peso	
(Kg)	0.082

GQZ Bearings Wholesale Customizations High Quality 6300 series deep groove ball bearing

The characteristics of 6300 series deep groove ball bearings mainly include simple structure, easy to get high accuracy, able to withstand radial, axial and synthetic loads, and suitable for high speed rotation.

6300 series deep groove ball bearings are one of the most widely used and representative rolling bearings. The raceways of the inner and outer rings of these bearings are in the form of deep grooves with circular arcs, which can withstand radial, axial and synthetic loads. Its simple structure makes it easy to obtain high precision, which is ideal for high-speed rotation application scenarios. In addition, the 6300 series deep groove ball bearings are usually made with sheet steel stamped cages, but for larger sizes or for high-speed rotation, turned and molded cages are used. These bearings can also be equipped with additional devices such as dust caps, seals, non-contact rubber caps, contact rubber caps or stop rings as required to suit different working environments and needs.

In terms of performance, 6300 series deep groove ball bearings are characterized by low frictional resistance, high rotational speed, and the ability to withstand radial loads or combined radial and axial loads acting simultaneously. They are widely used in small power motors, automobile and tractor gearboxes, machine tool gearboxes, general machines, tools and other equipment. In addition, deep groove ball bearings also have a certain degree of self-aligning ability, when tilted relative to the shell hole, can still work normally, but this has a certain impact on the bearing life.

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