

Deep Groove Ball Bearing

6400 Series deep groove ball bearing-6414 Designación de rodamiento **6414**

Dimensión [mm]

D 70

D 180

B 42

rs min 3



Capacidades de carga básica (kN)



Cr 128

Cor 89.5

Clasificaciones de velocidad (rpm)

Grasa 4100

Petróleo 4800

Peso

(Kg) 4.83

GQZ Bearings Wholesale Customizations High Quality 6400 Series deep groove ball bearing

The 6400 Series Deep Groove Ball Bearing is a type of bearing that belongs to the deep groove ball bearing family. These bearings are characterized by their simple design, versatility, and ability to operate at high speeds. They are named after their internal design, which features deep grooves on both sides of the raceways that accommodate the balls. The 6400 series typically refers to bearings with bore diameters ranging from 10mm to 50mm, making them suitable for a wide range of applications. The 6400 series bearings are designed to carry both radial and axial loads in either direction, which makes them ideal for applications where combined loads are present. They are available in open, shielded, or sealed configurations to suit different operating environments and requirements.

Applications of 6800 Series Deep Groove Ball Bearing:

Given their robust design and ability to handle a variety of loads, 6800 Series Deep Groove Ball Bearings find applications in numerous industries and sectors, including:

- **Electronics and Precision Equipment:** Used in small motors, fans, and other precision devices where space constraints are critical.
- **Medical Devices:** Integral components in medical equipment such as imaging machines and surgical tools, where reliability and precision are paramount.
- **Office Equipment:** Found in printers, copiers, and computer hardware, contributing to smooth operation and long service life.
- **Light Industrial Machinery:** Employed in small pumps, conveyors, and other machinery that requires compact and efficient bearings.
- **Consumer Goods:** Used in household appliances like vacuum cleaners, food processors, and personal care products.

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•**Automotive Components:** Applied in smaller automotive parts like electric window motors, seat adjusters, and other auxiliary systems.



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