Single Row Angular Contact Ball Bearings
7000 Series angular contact ball bearings-7018DT,7018DF,7018DB,7018C

Bearing Numbers	
Single row	**7018C**
DB	**7018DB**
DF	**7018DF**
DT	**7018DT**
Dimensões principais (mm)	
d	90
D	140
B	24
r (min)	1.5
r1(min)	**1**
Basic load ratings(N)	
Cr	71500
Cor	69000
Classificações básicas de carga (kgf)	
Cr	7300
Cor	7050
Valor	
fo	15.7
Velocidade limite (rpm)	
Graxa	7100
Óleo	9500
Distance of action point(mm)	
uma	27.4
Abutment and fillet dimensions	
da (min)	99
Da (max)	131
ra (max)	1.5
Peso	
(kg)	1.34
Basic load ratings(duplex bearing) (N)	
Cr	116000
Cor	138000
Basic load ratings(duplex bearing) (kgf)	
Cr	11900
Cor	14100
Limiting Speed(duplex bearing) (rpm)	
Graxa	5600
Óleo	8000
Distance of action point (duplex bearing)(a0)	
back-to-back arrangement	54.8
face-to-face arrangement	6.8
Installation dimensions(duplex bearing)	
db (min)	1-1 / 16
Db(max)	134
rb (max)	**1**

GQZ bearing wholesale high quality 7000 Series Single Row Angular Contact Ball Bearings

Angular contact ball bearings have inner and outer ring raceways that are displaced relative to each other in the direction of the bearing axis. This means that these bearings are designed to accommodate combined loads, i.e. simultaneously acting radial and axial loads.

The axial load carrying capacity of angular contact ball bearings increases as the contact angle increases. The contact angle is defined as the angle between the line joining the points of contact of the ball and the raceways in the radial plane, along which the combined load is transmitted from one raceway to another, and a line perpendicular to the bearing axis.

Model:7000 series

Bore (Inner) Diameter: 10 mm

Outer Diameter: 26 mm

Width (Thickness): 16mm;

The 7000 series bearings contain models 7000CTA-2RZ/P5 single, 7001CTA-2RZ/P5 single, 7002CTA-2RZ/P5

single, 7003CTA-2RZ/P5 single, 7004CTA-2RZ/P5 single, 7005CTA-2RZ/P5 single, 7000CTA-2RZ/P4 single,

7001CTA-2RZ/P4 single, 7002CTA-2RZ/P4 single, 7003CTA-2RZ/P4 single, 7004CTA-2RZ/P4 single,

7005CTA-2RZ/P4 single. These models cover a wide range of specifications and configurations, including single use and paired use, as well as different accuracy levels (P4 and P5) for a variety of application scenarios. Models 7006CTA-2RZ/P4 paired and 7007CTA-2RZ/P4 paired are also available, providing more options to meet different needs. These bearing types include angular contact ball bearings, which are able to withstand radial and axial loads and can also operate at higher speeds, making them one of the commonly used bearing types in mechanical systems.

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