Single Row Angular Contact Ball Bearings
7000 Series angular contact ball bearings-7007DT,7007DF,7007DB,7007C

Bearing Numbers	
Single row	**7007C**
DB	**7007DB**
DF	**7007DF**
DT	**7007DT**
Dimensões principais (mm)	
d	35
D	62
B	14
r (min)	1
r1(min)	0.6
Basic load ratings(N)	
Cr	19100
Cor	13700
Classificações básicas de carga (kgf)	
Cr	1950
Cor	1390
Valor	
fo	15
Velocidade limite (rpm)	
Graxa	17000
Óleo	22000
Distance of action point(mm)	
uma	13.5
Abutment and fillet dimensions	
da (min)	41
Da (max)	56
ra (max)	1
Peso	
(kg)	0.173
Basic load ratings(duplex bearing) (N)	
Cr	31000
Cor	27300
Basic load ratings(duplex bearing) (kgf)	
Cr	3150
Cor	2790
Limiting Speed(duplex bearing) (rpm)	
Graxa	13000
Óleo	19000
Distance of action point (duplex bearing)(a0)	
back-to-back arrangement	27
face-to-face arrangement	1
Installation dimensions(duplex bearing)	
db (min)	1-1 / 16
Db(max)	57
rb (max)	0.6

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.