Single Row Angular Contact Ball Bearings
7000 Series angular contact ball bearings-7012DT,7012DF,7012DB,7012A

Bearing Numbers	
Single row	**7012A**
DB	**7012DB**
DF	**7012DF**
DT	**7012DT**
Dimensiones principales (mm)	
D	60
D	95
B	18
r (min)	1.1
r1(min)	0.6
Basic load ratings(N)	
Cr	33000
Cor	29500
Clasificaciones de carga básica (kgf)	
Cr	3350
Cor	3000
Valor	
fo	16
Velocidad límite (rpm)	
Grasa	7100
Petróleo	10000
Distance of action point(mm)	
a	31.4
Abutment and fillet dimensions	
da (min)	67
Da (máx.)	88
ra (máximo)	**1**
Peso	
(kg)	0.417
Basic load ratings(duplex bearing) (N)	
Cr	53500
Cor	59000
Basic load ratings(duplex bearing) (kgf)	
Cr	5450
Cor	6000
Limiting Speed(duplex bearing) (rpm)	
Grasa	6000
Petróleo	8000
Distance of action point (duplex bearing)(a0)	
back-to-back arrangement	62.7
face-to-face arrangement	26.7
Installation dimensions(duplex bearing)	
db (min)	65
Db(max)	90
rb (máximo)	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.