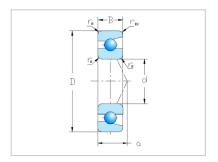
Single Row Angular Contact Ball Bearings

7000 Series-7005DT,7005DF,7005DB,7005A







WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers	
Single row	7005A
DB	7005DB
DF	7005DF
DT	7005DT
Dimensiones principales	
D	25
D	47
В	12
r (min)	0.6
r1(min)	0.3
Basic load ratings(N)	
Cr	11300
Cor	7400
Clasificaciones de carga	-
Cr	1150
Cor	750
Valor	
fo	15.1
Velocidad límite (rpm)	
Grasa	16000
Petróleo	22000
Distance of action point	
a	16.4
Abutment and fillet dim	ensions
da (min)	30
Da (máx.)	42
ra (máximo)	0.6
Peso	
(kg)	0.079
Basic load ratings(duple	ex bearing) (N)
Cr	18300
Cor	14800
Basic load ratings(duple	ex bearing) (kgf)
Cr	1870
Cor	1510
Limiting Speed(duplex bearing) (rpm)	
Grasa	13000
Petróleo	17000
Distance of action point	(duplex bearing)(a0)
back-to-back	32.8
arrangement	
face-to-face	8.8
arrangement	
Installation dimensions(duplex bearing)	
db (min)	27.5
Db(max)	44.5
rb (máximo)	0.3

GQZ 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

The most commonly used designs are:

single row angular contact ball bearings

double row angular contact ball bearings

four-point contact ball bearings

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