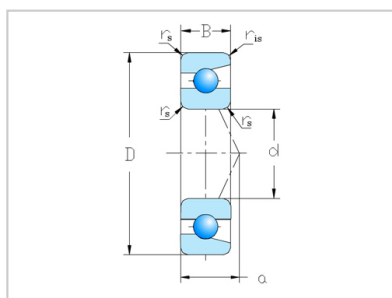


Single Row Angular Contact Ball Bearings

7000 Series-7011DT,7011DF,7011DB,7011A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7011A
DB	7011DB
DF	7011DF
DT	7011DT

Dimensões principais (mm)

d	55
D	90
B	18
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	32500
Cor	27700

Classificações básicas de carga (kgf)

Cr	3300
Cor	2830

Valor

fo	15.8
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Velocidade limite (rpm)

Graxa	7500
Óleo	11000

Distance of action point(mm)

uma	29.9
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Abutment and fillet dimensions

da (min)	62
Da (max)	83
ra (max)	1

Peso

(kg)	0.391
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Basic load ratings(duplex bearing) (N)

Cr	52500
Cor	55500

Basic load ratings(duplex bearing) (kgf)

Cr	5350
Cor	5650

Limiting Speed(duplex bearing) (rpm)

Graxa	6300
Óleo	8500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	59.9
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face-to-face arrangement	23.9
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Installation dimensions(duplex bearing)

db (min)	60
Db(max)	85
rb (max)	0.6

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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