

Single Row Angular Contact Ball Bearings

7000 Series-7013DT,7013DF,7013DB,7013A



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7013A
DB	7013DB
DF	7013DF
DT	7013DT

Dimensões principais (mm)

d	65
D	100
B	18
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	35000
Cor	33000

Classificações básicas de carga (kgf)

Cr	3550
Cor	3350

Valor

fo	16.2
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Velocidade limite (rpm)

Graxa	6700
Óleo	9500

Distance of action point(mm)

uma	32.8
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Abutment and fillet dimensions

da (min)	72
Da (max)	93
ra (max)	1

Peso

(kg)	0.455
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Basic load ratings(duplex bearing) (N)

Cr	56500
Cor	65500

Basic load ratings(duplex bearing) (kgf)

Cr	5750
Cor	6700

Limiting Speed(duplex bearing) (rpm)

Graxa	5600
Óleo	7500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	65.6
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face-to-face arrangement	29.6
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Installation dimensions(duplex bearing)

db (min)	70
Db(max)	95
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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