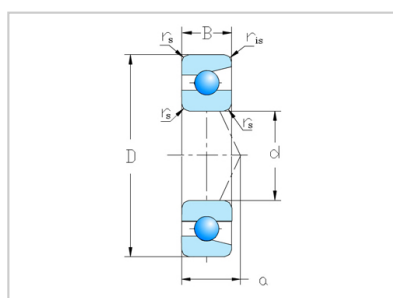


Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7005A
DB	7005DB
DF	7005DF
DT	7005DT

Dimensões principais (mm)

d	25
D	47
B	12
r (min)	0.6
r1(min)	0.3

Basic load ratings(N)

Cr	11300
Cor	7400

Classificações básicas de carga (kgf)

Cr	1150
Cor	750

Valor

fo	15.1
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Velocidade limite (rpm)

Graxa	16000
Óleo	22000

Distance of action point(mm)

uma	16.4
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Abutment and fillet dimensions

da (min)	30
Da (max)	42
ra (max)	0.6

Peso

(kg)	0.079
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Basic load ratings(duplex bearing) (N)

Cr	18300
Cor	14800

Basic load ratings(duplex bearing) (kgf)

Cr	1870
Cor	1510

Limiting Speed(duplex bearing) (rpm)

Graxa	13000
Óleo	17000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	32.8
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face-to-face arrangement	8.8
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Installation dimensions(duplex bearing)

db (min)	27.5
Db(max)	44.5
rb (max)	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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