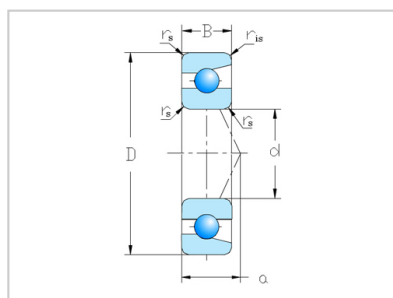


Single Row Angular Contact Ball Bearings

7000 Series-7024DT,7024DF,7024DB,7024A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7024A
DB	7024DB
DF	7024DF
DT	7024DT

Dimensões principais (mm)

d	120
D	180
B	28
r (min)	2
r1(min)	1

Basic load ratings(N)

Cr	102000
Cor	107000

Classificações básicas de carga (kgf)

Cr	10400
Cor	10900

Valor

fo	16.4
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Velocidade limite (rpm)

Graxa	3600
Óleo	5000

Distance of action point(mm)

uma	57.3
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Abutment and fillet dimensions

da (min)	130
Da (max)	170
ra (max)	2

Peso

(kg)	2.45
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Basic load ratings(duplex bearing) (N)

Cr	166000
Cor	213000

Basic load ratings(duplex bearing) (kgf)

Cr	16900
Cor	21700

Limiting Speed(duplex bearing) (rpm)

Graxa	3000
Óleo	4000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	114.6
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face-to-face arrangement	58.6
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	174
rb (max)	1

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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