

Single Row Angular Contact Ball Bearings

7200 Series-7224DT,7224DF,7224DB,7224A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7224A
DB	7224DB
DF	7224DF
DT	7224DT

Dimensões principais (mm)

d	120
D	215
B	40
r (min)	2.1
r1(min)	1.1

Basic load ratings(N)

Cr	183000
Cor	177000

Classificações básicas de carga (kgf)

Cr	18600
Cor	18100

Valor

fo	15
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Velocidade limite (rpm)

Graxa	3200
Óleo	4500

Distance of action point(mm)

uma	68.3
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Abutment and fillet dimensions

da (min)	132
Da (max)	203
ra (max)	2

Peso

(kg)	6.22
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Basic load ratings(duplex bearing) (N)

Cr	297000
Cor	355000

Basic load ratings(duplex bearing) (kgf)

Cr	30500
Cor	36000

Limiting Speed(duplex bearing) (rpm)

Graxa	2600
Óleo	3600

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	136.7
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face-to-face arrangement	56.7
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	208
rb (max)	1

GQZ high quality 7200 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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com