

Single Row Angular Contact Ball Bearings

7200 Series-7238DT,7238DF,7238DB,7238B



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7238B
DB	7238DB
DF	7238DF
DT	7238DT

Dimensões principais (mm)

d	190
D	340
B	55
r (min)	4
r1(min)	1.5

Basic load ratings(N)

Cr	284000
Cor	375000

Classificações básicas de carga (kgf)

Cr	28900
Cor	38000

Valor

fo	15.9
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Velocidade limite (rpm)

Graxa	1400
Óleo	2000

Distance of action point(mm)

uma	138.7
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Abutment and fillet dimensions

da (min)	208
Da (max)	322
ra (max)	3

Peso

(kg)	22.5
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Basic load ratings(duplex bearing) (N)

Cr	460000
Cor	750000

Basic load ratings(duplex bearing) (kgf)

Cr	47000
Cor	76000

Limiting Speed(duplex bearing) (rpm)

Graxa	1100
Óleo	1600

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	277.3
face-to-face arrangement	167.3

Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	331
rb (max)	1.5

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

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