

Single Row Angular Contact Ball Bearings

7900 Series-7938DT,7938DF,7938DB,7938C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7938C
DB	7938DB
DF	7938DF
DT	7938DT

Dimensões principais (mm)

d	190
D	260
B	33
r (min)	2
r1(min)	1

Basic load ratings(N)

Cr	147000
Cor	192000

Classificações básicas de carga (kgf)

Cr	15000
Cor	19600

Valor

fo	16.5
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Velocidade limite (rpm)

Graxa	3000
Óleo	4300

Distance of action point(mm)

uma	46.6
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Abutment and fillet dimensions

da (min)	200
Da (max)	250
ra (max)	2

Peso

(kg)	4.98
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Basic load ratings(duplex bearing) (N)

Cr	239000
Cor	385000

Basic load ratings(duplex bearing) (kgf)

Cr	24400
Cor	39000

Limiting Speed(duplex bearing) (rpm)

Graxa	2400
Óleo	3400

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	93.3
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face-to-face arrangement	27.3
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	254
rb (max)	1

GQZ high quality 7900 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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