

Single Row Angular Contact Ball Bearings

7900 Series-7907DT,7907DF,7907DB,7907C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7907C
DB	7907DB
DF	7907DF
DT	7907DT

Dimensões principais (mm)

d	35
D	55
B	10
r (min)	0.6
r1(min)	0.3

Basic load ratings(N)

Cr	12100
Cor	9150

Classificações básicas de carga (kgf)

Cr	1230
Cor	930

Valor

fo	15.7
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Velocidade limite (rpm)

Graxa	18000
Óleo	24000

Distance of action point(mm)

uma	11
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Abutment and fillet dimensions

da (min)	40
Da (max)	50
ra (max)	0.6

Peso

(kg)	0.074
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Basic load ratings(duplex bearing) (N)

Cr	19600
Cor	18300

Basic load ratings(duplex bearing) (kgf)

Cr	2000
Cor	1860

Limiting Speed(duplex bearing) (rpm)

Graxa	14000
Óleo	20000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	22.1
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face-to-face arrangement	2.1
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	52.5
rb (max)	0.3

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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