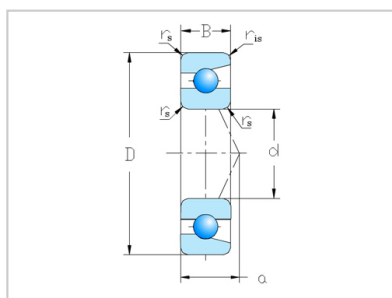


Single Row Angular Contact Ball Bearings

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



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7900C
DB	7900DB
DF	7900DF
DT	7900DT

Dimensões principais (mm)

d	10
D	22
B	6
r (min)	0.3
r1(min)	0.15

Basic load ratings(N)

Cr	3000
Cor	1520

Classificações básicas de carga (kgf)

Cr	305
Cor	155

Valor

fo	14.1
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Velocidade limite (rpm)

Graxa	48000
Óleo	63000

Distance of action point(mm)

uma	5.1
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Abutment and fillet dimensions

da (min)	12.5
Da (max)	19.5
ra (max)	0.3

Peso

(kg)	0.009
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Basic load ratings(duplex bearing) (N)

Cr	4900
Cor	3050

Basic load ratings(duplex bearing) (kgf)

Cr	500
Cor	310

Limiting Speed(duplex bearing) (rpm)

Graxa	38000
Óleo	53000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	10.3
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face-to-face arrangement	1.7
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	20.8
rb (max)	0.15

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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