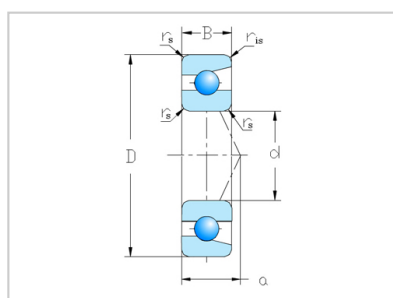


Single Row Angular Contact Ball Bearings

7900 Series-7903DT,7903DF,7903DB,7903C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7903C
DB	7903DB
DF	7903DF
DT	7903DT

Dimensões principais (mm)

d	17
D	30
B	7
r (min)	0.3
r1(min)	0.15

Basic load ratings(N)

Cr	5000
Cor	2940

Classificações básicas de carga (kgf)

Cr	510
Cor	299

Valor

fo	14.8
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Velocidade limite (rpm)

Graxa	34000
Óleo	48000

Distance of action point(mm)

uma	6.6
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Abutment and fillet dimensions

da (min)	19.5
Da (max)	27.5
ra (max)	0.3

Peso

(kg)	0.017
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Basic load ratings(duplex bearing) (N)

Cr	8150
Cor	5850

Basic load ratings(duplex bearing) (kgf)

Cr	830
Cor	600

Limiting Speed(duplex bearing) (rpm)

Graxa	28000
Óleo	38000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	13.3
face-to-face arrangement	0.7

Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	28.8
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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