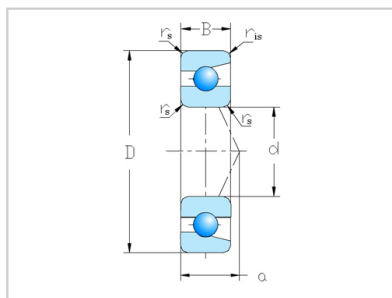


## Single Row Angular Contact Ball Bearings

7900 Series-7936DT,7936DF,7936DB,7936C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7936C</b>
DB	<b>7936DB</b>
DF	<b>7936DF</b>
DT	<b>7936DT</b>

## Dimensões principais (mm)

d	180
D	250
B	33
r (min)	2
r1(min)	1

## Basic load ratings(N)

Cr	145000
Cor	184000

## Classificações básicas de carga (kgf)

Cr	14800
Cor	18800

## Valor

fo	16.5
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## Velocidade limite (rpm)

Graxa	3200
Óleo	4500

## Distance of action point(mm)

uma	45.3
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## Abutment and fillet dimensions

da (min)	190
Da (max)	240
ra (max)	2

## Peso

(kg)	4.9
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## Basic load ratings(duplex bearing) (N)

Cr	236000
Cor	370000

## Basic load ratings(duplex bearing) (kgf)

Cr	24000
Cor	37500

## Limiting Speed(duplex bearing) (rpm)

Graxa	2600
Óleo	3600

## Distance of action point (duplex bearing)(a0)

back-to-back arrangement	90.6
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face-to-face arrangement	24.6
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	244
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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com