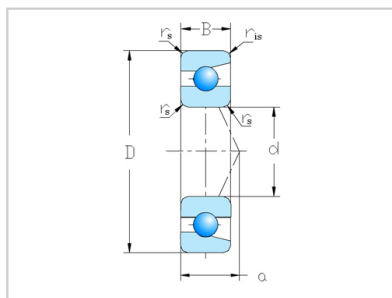


## Single Row Angular Contact Ball Bearings

7900 Series-7919DT,7919DF,7919DB,7919A5



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7919A5</b>
DB	<b>7919DB</b>
DF	<b>7919DF</b>
DT	<b>7919DT</b>

## Dimensões principais (mm)

d	95
D	130
B	18
r (min)	1.1
r1(min)	0.6

## Basic load ratings(N)

Cr	40000
Cor	45500

## Classificações básicas de carga (kgf)

Cr	4050
Cor	4650

## Valor

fo	16.4
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## Velocidade limite (rpm)

Graxa	6000
Óleo	8500

## Distance of action point(mm)

uma	35.2
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## Abutment and fillet dimensions

da (min)	102
Da (max)	123
ra (max)	<b>1</b>

## Peso

(kg)	0.603
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## Basic load ratings(duplex bearing) (N)

Cr	64500
Cor	91000

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

Cr	6600
Cor	9250

## Limiting Speed(duplex bearing) (rpm)

Graxa	4800
Óleo	6700

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

back-to-back arrangement	70.5
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face-to-face arrangement	34.5
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	125
rb (max)	0.6

## **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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