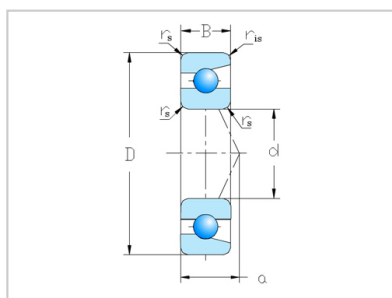


Single Row Angular Contact Ball Bearings

7900 Series-7916DT,7916DF,7916DB,7916C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7916C
DB	7916DB
DF	7916DF
DT	7916DT

Dimensões principais (mm)

d	80
D	110
B	16
r (min)	1
r1(min)	0.6

Basic load ratings(N)

Cr	29000
Cor	30500

Classificações básicas de carga (kgf)

Cr	2960
Cor	3150

Valor

fo	16.5
----	------

Velocidade limite (rpm)

Graxa	8500
Óleo	12000

Distance of action point(mm)

uma	20.7
-----	------

Abutment and fillet dimensions

da (min)	86
Da (max)	104
ra (max)	1

Peso

(kg)	0.376
------	-------

Basic load ratings(duplex bearing) (N)

Cr	47000
Cor	61500

Basic load ratings(duplex bearing) (kgf)

Cr	4800
Cor	6250

Limiting Speed(duplex bearing) (rpm)

Graxa	6700
Óleo	9500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	41.5
-----------------------------	------

face-to-face arrangement	9.5
-----------------------------	-----

Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	105
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

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