

Single Row Angular Contact Ball Bearings

7900 Series-7905DT,7905DF,7905DB,7905A5



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7905A5
DB	7905DB
DF	7905DF
DT	7905DT

Dimensões principais (mm)

d	25
D	42
B	9
r (min)	0.3
r1(min)	0.15

Basic load ratings(N)

Cr	7450
Cor	5150

Classificações básicas de carga (kgf)

Cr	760
Cor	525

Valor

fo	15.6
----	------

Velocidade limite (rpm)

Graxa	20000
Óleo	28000

Distance of action point(mm)

uma	12.3
-----	------

Abutment and fillet dimensions

da (min)	27.5
Da (max)	39.5
ra (max)	0.3

Peso

(kg)	0.043
------	-------

Basic load ratings(duplex bearing) (N)

Cr	12100
Cor	10300

Basic load ratings(duplex bearing) (kgf)

Cr	1230
Cor	1050

Limiting Speed(duplex bearing) (rpm)

Graxa	16000
Óleo	22000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	24.6
-----------------------------	------

face-to-face arrangement	6.6
-----------------------------	-----

Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	40.8
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

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