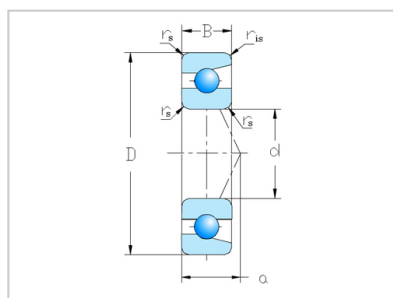


Single Row Angular Contact Ball Bearings

7900 Series-7913DT,7913DF,7913DB,7913A5



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7913A5
DB	7913DB
DF	7913DF
DT	7913DT

Dimensões principais (mm)

d	65
D	90
B	13
r (min)	1
r1(min)	0.6

Basic load ratings(N)

Cr	19100
Cor	19400

Classificações básicas de carga (kgf)

Cr	1940
Cor	1980

Valor

fo	16.4
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Velocidade limite (rpm)

Graxa	9000
Óleo	12000

Distance of action point(mm)

uma	24.6
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Abutment and fillet dimensions

da (min)	71
Da (max)	84
ra (max)	1

Peso

(kg)	0.211
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Basic load ratings(duplex bearing) (N)

Cr	31000
Cor	39000

Basic load ratings(duplex bearing) (kgf)

Cr	3150
Cor	3950

Limiting Speed(duplex bearing) (rpm)

Graxa	7100
Óleo	9500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	49.1
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face-to-face arrangement	23.1
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	85
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