

Single Row Angular Contact Ball Bearings

7900 Series-7906DT,7906DF,7906DB,7906A5



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7906A5**DB **7906DB**DF **7906DF**DT **7906DT**

Dimensiones principales (mm)

D 30

D 47

B **9**

r (min) 0.3

r1(min) 0.15

Basic load ratings(N)

Cr 7850

Cor 5950

Clasificaciones de carga básica (kgf)

Cr 800

Cor 605

Valor

fo 16.1

Velocidad límite (rpm)

Grasa 18000

Petróleo 24000

Distance of action point(mm)

a 13.5

Abutment and fillet dimensions

da (min) 32.5

Da (máx.) 44.5

ra (máximo) 0.3

Peso

(kg) 0.049

Basic load ratings(duplex bearing) (N)

Cr 12800

Cor 11900

Basic load ratings(duplex bearing) (kgf)

Cr 1300

Cor 1210

Limiting Speed(duplex bearing) (rpm)

Grasa 14000

Petróleo 19000

Distance of action point (duplex bearing)(a0)

back-to-back 27

arrangement

face-to-face **9**

arrangement

Installation dimensions(duplex bearing)

db (min) sesenta y cinco

Db(max) 45.8

rb (máximo) 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

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