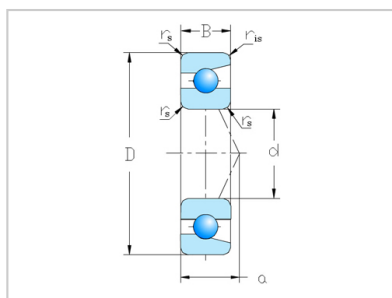


Single Row Angular Contact Ball Bearings

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



Teniendo números

Unica fila	7905C
DB	7905DB
DF	7905DF
DT	7905DT

Dimensiones principales (mm)

re	25
re	42
segundo	9
r (min)	0.3
r1 (min)	0.15

Capacidades de carga (N)

cr	7850
cor	5400

capacidades de carga (KGF)

cr	800
cor	555

Valor

fo	15.5
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La limitación de velocidad (rpm)

Grasa	24000
Petróleo	34000

Distancia del punto de acción (mm)

una	9
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Abutment y filete dimensiones

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

Peso

(kg)	0.042
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Capacidades de carga (cojinete duplex) (N)

cr	12700
cor	10800

Capacidades de carga (cojinete doble) (KGF)

cr	1300
cor	1110

La limitación de velocidad (cojinete duplex) (rpm)

Grasa	19000
Petróleo	26000

Distancia del punto de acción (cojinete duplex) (a0)

back-to-back disposición	18
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cara a cara disposición **0**

Dimensiones de montaje (teniendo duplex)

db (min)	aug
Db (max)	40.8
rb (max)	0.15

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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