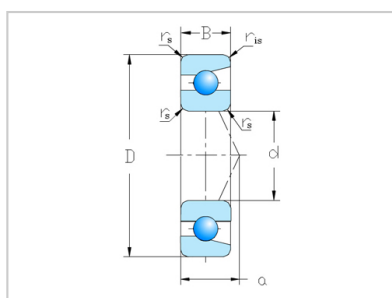


Single Row Angular Contact Ball Bearings

7900 Series-7901DT,7901DF,7901DB,7901A5



Teniendo números

Unica fila **7901A5**DB **7901DB**DF **7901DF**DT **7901DT**

Dimensiones principales (mm)

re 12

re 24

segundo 6

r (min) 0.3

r1 (min) 0.15

Capacidades de carga (N)

cr 3200

cor 1770

capacidades de carga (KGF)

cr 325

cor 181

Valor

fo 15.2

La limitación de velocidad (rpm)

Grasa 38000

Petróleo 53000

Distancia del punto de acción (mm)

una 7.2

Abutment y filete dimensiones

da (min) 14.5

Da (max) 21.5

ra (max) 0.3

Peso

(kg) 0.011

Capacidades de carga (cojinete duplex) (N)

cr 5200

cor 3550

Capacidades de carga (cojinete doble) (KGF)

cr 530

cor 360

La limitación de velocidad (cojinete duplex)

(rpm)

Grasa 30000

Petróleo 43000

Distancia del punto de acción (cojinete duplex)

(a0)

back-to-back 14.4

disposición

cara a cara disposición 2.4

Dimensiones de montaje (teniendo duplex)

db (min)	aug
Db (max)	22.8
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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