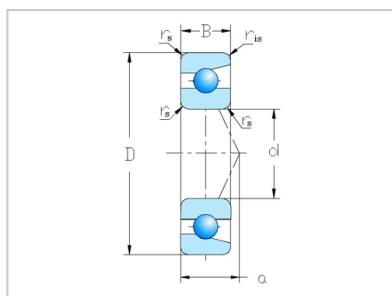


Single Row Angular Contact Ball Bearings

7300 Series-7305DT,7305DF,7305DB,7305A



Teniendo números

Unica fila	7305A
DB	7305DB
DF	7305DF
DT	7305DT

Dimensiones principales (mm)

re	25
re	62
segundo	17
r (min)	1.1
r1 (min)	0.6

Capacidades de carga (N)

cr	26400
cor	15800

capacidades de carga (KGF)

cr	2690
cor	1610

Valor

fo	13.5
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La limitación de velocidad (rpm)

Grasa	10000
Petróleo	14000

Distancia del punto de acción (mm)

una	21.1
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Abutment y filete dimensiones

da (min)	32
Da (max)	55
ra (max)	1

Peso

(kg)	0.235
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Capacidades de carga (cojinete duplex) (N)

cr	43000
cor	31500

Capacidades de carga (cojinete doble) (KGF)

cr	4400
cor	3250

La limitación de velocidad (cojinete duplex) (rpm)

Grasa	8500
Petróleo	11000

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

back-to-back	42.1
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disposición

cara a cara disposición	8.1
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Dimensiones de montaje (teniendo duplex)

db (min)	30
Db (max)	57
rb (max)	0.6

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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