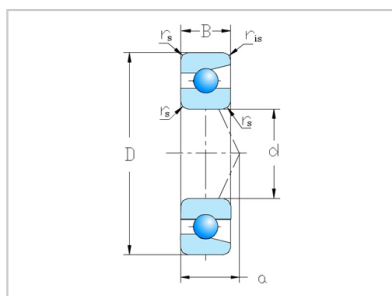


Single Row Angular Contact Ball Bearings

7000 Series-7004DT,7004DF,7004DB,7004C



Teniendo números

Unica fila	7004C
DB	7004DB
DF	7004DF
DT	7004DT

Dimensiones principales (mm)

re	20
re	42
segundo	12
r (min)	0.6
r1 (min)	0.3

Capacidades de carga (N)

cr	11100
cor	6550

capacidades de carga (KGF)

cr	1130
cor	665

Valor

fo	14
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La limitación de velocidad (rpm)

Grasa	26000
Petróleo	36000

Distancia del punto de acción (mm)

una	10.1
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Abutment y filete dimensiones

da (min)	25
Da (max)	37
ra (max)	0.6

Peso

(kg)	0.076
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Capacidades de carga (cojinete duplex) (N)

cr	18000
cor	13100

Capacidades de carga (cojinete doble) (KGF)

cr	1840
cor	1330

La limitación de velocidad (cojinete duplex) (rpm)

Grasa	20000
Petróleo	30000

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

back-to-back	20.3
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disposición

cara a cara disposición	3.7
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Dimensiones de montaje (teniendo duplex)

db (min)	aug
Db (max)	39.5
rb (max)	0.3

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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