

Single Row Angular Contact Ball Bearings

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



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7305B
DB	7305DB
DF	7305DF
DT	7305DT

Dimensões principais (mm)

d	25
D	62
B	17
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	24400
Cor	14600

Classificações básicas de carga (kgf)

Cr	2490
Cor	1490

Valor

fo	14.1
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Velocidade limite (rpm)

Graxa	9000
Óleo	13000

Distance of action point(mm)

uma	26.7
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Abutment and fillet dimensions

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

Peso

(kg)	0.241
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Basic load ratings(duplex bearing) (N)

Cr	39500
Cor	29300

Basic load ratings(duplex bearing) (kgf)

Cr	4050
Cor	2980

Limiting Speed(duplex bearing) (rpm)

Graxa	7500
Óleo	10000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	53.5
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face-to-face arrangement	19.5
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Installation dimensions(duplex bearing)

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

GQZ high quality 7300 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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