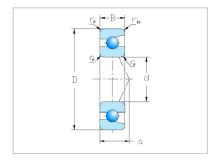
Single Row Angular Contact Ball Bearings

7900 Series-7912DT,7912DF,7912DB,7912A5





BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers	
	701245
Single row	7912A5 7912DB
DB	7912DF
DF	
DT Dimensãos principais (r	7912DT
Dimensões principais (n	
d	60
D	85
B (main)	13
r (min)	1
r1(min)	0.6
Basic load ratings(N)	10000
Cr	18300
Cor	17700
Classificações básicas d	
Cr	1870
Cor	1810
Valor	
fo	16.5
Velocidade limite (rpm)	
Graxa	9500
Óleo	13000
Distance of action point	
uma	23.4
Abutment and fillet dim	ensions
da (min)	66
Da (max)	79
ra (max)	1
Peso	
(kg)	0.197
Basic load ratings(duple	ex bearing) (N)
Cr	29800
Cor	35500
Basic load ratings(duple	ex bearing) (kgf)
Cr	3050
Cor	3600
Limiting Speed(duplex b	pearing) (rpm)
Graxa	7500
Óleo	10000
Distance of action point	(duplex bearing)(a0)
back-to-back	46.8
arrangement	
face-to-face	20.8
arrangement	
Installation dimensions(duplex bearing)
db (min)	1-1 / 16
Db(max)	80
rb (max)	0.6
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GQZ high quality 7900 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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