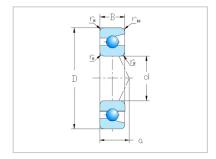
Single Row Angular Contact Ball Bearings

7900 Series-7916DT,7916DF,7916DB,7916A5





BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers		
Single row	7916A5	
DB	7916DB	
DF	7916DF	
DT	7916DT	
Dimensões principais (n d		
u D	80 110	
	-	
B r (min)	16	
r (min)	1	
r1(min)	0.6	
Basic load ratings(N)	27200	
Cr	27300	
Cor	29000	
Classificações básicas d		
Cr	2790	
Cor	2960	
Valor		
fo	16.4	
Velocidade limite (rpm)		
Graxa	7100	
Óleo	10000	
Distance of action point		
uma	30.2	
Abutment and fillet dim		
da (min)	86	
Da (max)	104	
ra (max)	1	
Peso		
(kg)	0.38	
Basic load ratings(duple		
Cr	44500	
Cor	58000	
Basic load ratings(duple	ex bearing) (kgf)	
Cr	4550	
Cor	5900	
Limiting Speed(duplex b	pearing) (rpm)	
Graxa	5600	
Óleo	8000	
Distance of action point	(duplex bearing)(a0)	
back-to-back	60.3	
arrangement		
face-to-face	28.3	
arrangement		
Installation dimensions(duplex bearing)		
db (min)	1-1/16	
Db(max)	105	
rb (max)	0.6	

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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