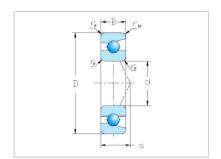
Single Row Angular Contact Ball Bearings

7900 Series-7906DT,7906DF,7906DB,7906A5







Bearing Numbers	
Single row	7906A5
DB	7906DB
DF	7906DF
DT	7906DT
Principal dimensions(m	
d	30
D D	47
В	9
=	0.3
r(min)	
r1(min)	0.15
Basic load ratings(N)	7050
Cr	7850
Cor	5950
Basic load ratings(kgf)	
Cr	800
Cor	605
Value	
fo	16.1
Limiting Speed (rpm)	
Grease	18000
Oil	24000
Distance of action point(mm)	
a	13.5
Abutment and fillet dim	ensions
da(min)	32.5
Da(max)	44.5
ra(max)	0.3
Weight	
(kg)	0.049
Basic load ratings(duple	
Cr	12800
Cor	11900
Basic load ratings(duple	
Cr	1300
Cor	1210
Limiting Speed(duplex	
Grease	14000
Oil	19000
Distance of action point	
back-to-back	27
	21
arrangement	0
face-to-face	9
arrangement	
Installation dimensions(duplex bearing)	

Download PDF Of Dimension and Parameters

db(min)	ago
Db(max)	45.8
rb(max)	0.15

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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