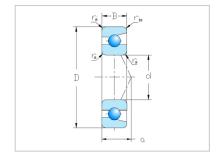
## Single Row Angular Contact Ball Bearings

7200 Series-7206DT,7206DF,7206DB,7206B







Bearing Numbers		
Single row	7206B	
DB	7206DB	
DF	7206DF	
DT	7206DT	
Principal dimensions(mm)		
d	30	
D	62	
В	16	
r(min)	1	
r1(min)	0.6	
Basic load ratings(N)		
Cr	20500	
Cor	13500	
Basic load ratings(kgf)		
Cr	2090	
Cor	1380	
Value		
fo	14.9	
Limiting Speed (rpm)		
Grease	8500	
Oil	12000	
Distance of action point		
a	27.3	
Abutment and fillet dim		
da(min)	36	
Da(max)	56	
ra(max)	1	
Weight		
(kg)	0.202	
Basic load ratings(duplex bearing) (N)		
Cr	33500	
Cor	27000	
Basic load ratings(duplex bearing) (kgf)		
Cr	3400	
Cor	2760	
Limiting Speed(duplex b		
Grease	7100	
Oil	9500	
Distance of action point		
back-to-back	54.6	
arrangement	22.6	
face-to-face	22.6	
arrangement		
Installation dimensions(duplex bearing)		

db(min)	35
Db(max)	57
rb(max)	0.6

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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