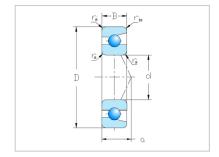
## Single Row Angular Contact Ball Bearings

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







Bearing Numbers		
Single row	7206A	
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	22500	
Cor	14800	
Basic load ratings(kgf)		
Cr	2300	
Cor	1510	
Value		
fo	14.4	
Limiting Speed (rpm)		
Grease	12000	
Oil	17000	
Distance of action point	(mm)	
а	21.3	
Abutment and fillet dim	ensions	
da(min)	36	
Da(max)	56	
ra(max)	1	
Weight		
(kg)	0.197	
Basic load ratings(duplex bearing) (N)		
Cr	36500	
Cor	29500	
Basic load ratings(duplex bearing) (kgf)		
Cr	3750	
Cor	3000	
Limiting Speed(duplex b	pearing) (rpm)	
Grease	10000	
Oil	13000	
Distance of action point		
back-to-back	42.6	
arrangement		
face-to-face	10.6	
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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