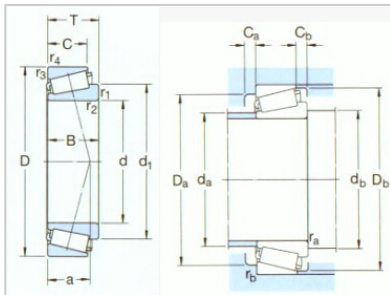


Tapered Roller Bearing

30200 Series-30219J2



Designation	30219J2
Principal dimensions [mm]	
d1	95
D	170
B	34.5
Basic load ratings [kN]	
dyc(Cr)	216
stc(Cor)	275
Pu	31.5
Speed ratings [rpm]	
Speed Ratings	2800
Limiting Speed	3800
Weight(Kg)	3.00
ISO335	
Dimensions (ABMA)	3FB
Dimensions [mm]	
d	95
d1	126
B	32
C	27
r1,2(min)	3
r3,4(min)	2.5
a	33
Abutment and fillet dimensions [mm]	
da(max)	110
db(min)	107
Da(min)	149
Da(max)	158
Db(min)	159
Ca(min)	5
Cb(min)	7.5
ra(max)	2.5
rb(max)	2
Value	
e	0.43
Y	1.4
Yo	0.8

Tapered roller bearings have tapered inner and outer raceways and rollers to handle simultaneous radial and thrust loads. Their axial load carrying capacity is directly related to the contact angle of the rollers and raceway shaft.

They are available in single-row, double-row, and four-row designs. The individual parts of tapered roller bearings are commonly sold separately as cups and cones. Cones contain the roller assembly

and inner ring while cups include the outer ring. Full assembly units contain both the cup and cone. As separable bearings, different designs and sizes are available to accommodate a variety of applications.

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