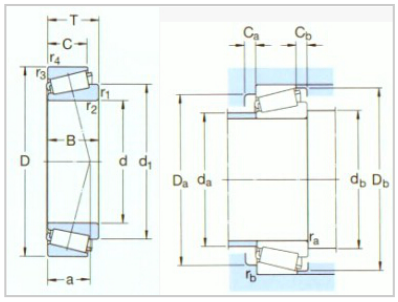
Tapered Roller Bearing

32200 Series-32219J2





Designation	**32219J2**
Principal dimensions（mm）	
d1	95
D	170
B	45.5
Basic load ratings（KN）	
dyc(Cr)	281
stc(Cor)	390
Pu	43
Speed ratings（rpm）	
Speed Ratings	2800
Limiting Speed	3800
Weight(Kg)	4.05
ISO335	
Dimensions (ABMA)	3FC
Dimensions （mm）	
d	95
d1（	128
B	43
C	37
r1,2(min)	**3**
r3,4(min)	2.5
a	39
Abutment and fillet dimensions （mm）	
da(max)	109
db(min)	107
Da(min)	145
Da(max)	158
Db(min)	161
Ca(min)	5
Cb(min)	8.5
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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