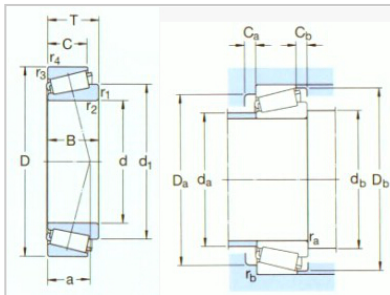


Tapered Roller Bearing

32200 Series-32218J2/Q



Designation	32218J2/Q
Principal dimensions [mm]	
d1	90
D	160
B	42.5
Basic load ratings [kN]	
dyc(Cr)	251
stc(Cor)	340
Pu	38
Speed ratings [rpm]	
Speed Ratings	3000
Limiting Speed	4000
Weight(Kg)	3.35
ISO335	
Dimensions (ABMA)	3FC
Dimensions [mm]	
d	90
d1	121
B	40
C	34
r1,2(min)	2.5
r3,4(min)	2
a	36
Abutment and fillet dimensions [mm]	
da(max)	102
db(min)	101
Da(min)	138
Da(max)	150
Db(min)	152
Ca(min)	5
Cb(min)	8.5
ra(max)	2
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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