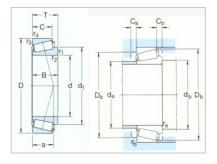
Tapered Roller Bearing

32300 Series-32313J2/Q







Designation	32313J2/Q
Principal dimensions ☐ m	m□
d1	65
D	140
В	51
Basic load ratings□KN□	
dyc(Cr)	264
stc(Cor)	335
Pu	40
Speed ratings[rpm[]	
Speed Ratings	3400
Limiting Speed	4800
Weight(Kg)	3.45
ISO335	
Dimensions (ABMA)	2GD
Dimensions []mm[]	
d	65
d1□	99.2
В	48
C	39
r1,2(min)	3
r3,4(min)	2.5
a	33
Abutment and fillet dimensions [mm]	
da(max)	80
db(min)	77
Da(min)	117
Da(max)	128
Db(min)	130
Ca(min)	6
Cb(min)	12
ra(max)	2.5
rb(max)	2
Value	
e	0.35
Υ	1.7
Yo	0.9

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

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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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