

Tapered Roller Bearing

31300 Series-31326XJ2



Designation	31326XJ2
Principal dimensions [mm]	
d1	130
D	280
B	72
Basic load ratings [kN]	
dyc(Cr)	605
stc(Cor)	780
Pu	81.5
Speed ratings [rpm]	
Speed Ratings	1600
Limiting Speed	2400
Weight(Kg)	18.5
ISO335	
Dimensions (ABMA)	7GB
Dimensions [mm]	
d	130
d1	204
B	66
C	44
r1,2(min)	5
r3,4(min)	4
a	84
Abutment and fillet dimensions [mm]	
da(max)	157
db(min)	150
Da(min)	218
Da(max)	263
Db(min)	261
Ca(min)	8
Cb(min)	28
ra(max)	4
rb(max)	3
Value	
e	0.83
Y	0.72
Yo	0.4

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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