

Tapered Roller Bearing

31300 Series-31307J2/Q



Designation	31307J2/Q
Principal dimensions [mm]	
d1	35
D	80
B	22.75
Basic load ratings [kN]	
dyc(Cr)	71
stc(Cor)	67
Pu	7.8
Speed ratings [rpm]	
Speed Ratings	6300
Limiting Speed	8500
Weight(Kg)	0.52
ISO335	
Dimensions (ABMA)	7FB
Dimensions [mm]	
d	35
d1	59.6
B	21
C	15
r1,2(min)	2
r3,4(min)	1.5
a	25
Abutment and fillet dimensions [mm]	
da(max)	45
db(min)	44
Da(min)	62
Da(max)	71
Db(min)	76
Ca(min)	3
Cb(min)	7.5
ra(max)	2
rb(max)	1.5
Value	
e	0.83
Y	0.72
Yo	0.4