

Tapered Roller Bearing

31300 Series Tapered Roller Bearing-



Designation	31311J2/QCL7C
Principal dimensions [mm]	
d1	55
D	120
B	31.5
Basic load ratings [kN]	
dyc(Cr)	140
stc(Cor)	137
Pu	16.6
Speed ratings [rpm]	
Speed Ratings	4300
Limiting Speed	5600
Weight(Kg)	1.55
ISO335	
Dimensions (ABMA)	7FB
Dimensions [mm]	
d	55
d1	88.4
B	29
C	21
r1,2(min)	2.5
r3,4(min)	2
a	37
Abutment and fillet dimensions [mm]	
da(max)	68
db(min)	65
Da(min)	94
Da(max)	112
Db(min)	113
Ca(min)	4
Cb(min)	10.5
ra(max)	2
rb(max)	2
Value	
e	0.83
Y	0.72
Yo	0.4