

Tapered Roller Bearing

31300 Series Tapered Roller Bearing-31310J2/QCL7C



Designation	31310J2/QCL7C
Principal dimensions [mm]	
d1	50
D	110
B	29.25
Basic load ratings [kN]	
dyc(Cr)	122
stc(Cor)	120
Pu	14.3
Speed ratings [rpm]	
Speed Ratings	4500
Limiting Speed	6000
Weight(Kg)	1.20
ISO335	
Dimensions (ABMA)	7FB
Dimensions [mm]	
d	50
d1	81.5
B	27
C	19
r1,2(min)	2.5
r3,4(min)	2
a	34
Abutment and fillet dimensions [mm]	
da(max)	62
db(min)	60
Da(min)	87
Da(max)	100
Db(min)	104
Ca(min)	4
Cb(min)	10
ra(max)	2
rb(max)	2
Value	
e	0.83
Y	0.72
Yo	0.4