

Tapered Roller Bearing

31300 Series-**31309J2/QCL7C**



Designation	31309J2/QCL7C
Principal dimensions [mm]	
d1	45
D	100
B	27.25
Basic load ratings [kN]	
dyc(Cr)	106
stc(Cor)	102
Pu	12.5
Speed ratings [rpm]	
Speed Ratings	5000
Limiting Speed	6700
Weight(Kg)	0.95
ISO335	
Dimensions (ABMA)	7FB
Dimensions [mm]	
d	45
d1	74.7
B	25
C	18
r1,2(min)	2
r3,4(min)	1.5
a	31
Abutment and fillet dimensions [mm]	
da(max)	57
db(min)	53
Da(min)	79
Da(max)	91
Db(min)	95
Ca(min)	4
Cb(min)	9
ra(max)	2
rb(max)	1.5
Value	
e	0.83
Y	0.72
Yo	0.4