

Tapered Roller Bearing

31300 Series-31316J1/QCL7C



Designation	31316J1/QCL7C
Principal dimensions [mm]	
d1	80
D	170
B	42.5
Basic load ratings [kN]	
dyc(Cr)	260
stc(Cor)	265
Pu	32
Speed ratings [rpm]	
Speed Ratings	3000
Limiting Speed	4000
Weight(Kg)	4.05
ISO335	
Dimensions (ABMA)	7GB
Dimensions [mm]	
d	80
d1	124
B	39
C	27
r1,2(min)	3
r3,4(min)	2.5
a	52
Abutment and fillet dimensions [mm]	
da(max)	97
db(min)	92
Da(min)	134
Da(max)	158
Db(min)	159
Ca(min)	6
Cb(min)	15.5
ra(max)	2.5
rb(max)	2
Value	
e	0.83
Y	0.72
Yo	0.4