

Tapered Roller Bearing

31300 Series-31314J2/QCL7C

Designation	31314J2/QCL7C
Principal dimensions [mm]	
d1	70
D	150
B	38
Basic load ratings [kN]	
dyc(Cr)	216
stc(Cor)	220
Pu	27
Speed ratings [rpm]	
Speed Ratings	3400
Limiting Speed	4500
Weight(Kg)	2.95
ISO335	
Dimensions (ABMA)	7GB
Dimensions [mm]	
d	70
d1	110
B	35
C	25
r1,2(min)	3
r3,4(min)	2.5
a	45
Abutment and fillet dimensions [mm]	
da(max)	85
db(min)	82
Da(min)	118
Da(max)	138
Db(min)	141
Ca(min)	5
Cb(min)	13
ra(max)	2.5
rb(max)	2
Value	
e	0.83
Y	0.72
Yo	0.4