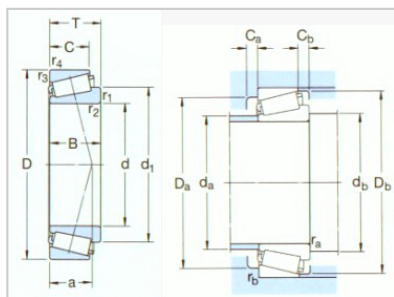


Tapered Roller Bearing

31300 Series Tapered Roller Bearing-



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