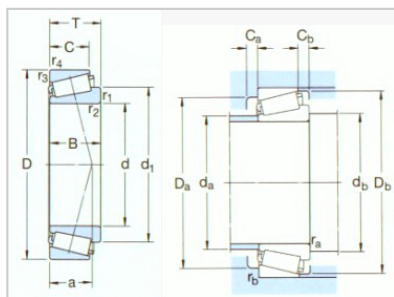


Tapered Roller Bearing

31300 Series Tapered Roller Bearing-



Designation 31307J2/Q

Principal dimensions [mm]

d1 35
D 80
B 22.75

Basic load ratings [kN]

dyc(Cr) 71
stc(Cor) 67
Pu 7.8

Speed ratings [rpm]

Speed Ratings 6300
Limiting Speed 8500
Weight(Kg) 0.52

ISO335

Dimensions (ABMA) 7FB

Dimensions [mm]

d 35
d1 59.6
B 21
C 15
r1,2(min) 2
r3,4(min) 1.5
a 25

Abutment and fillet dimensions [mm]

da(max) 45
db(min) 44
Da(min) 62
Da(max) 71
Db(min) 76
Ca(min) 3
Cb(min) 7.5
ra(max) 2
rb(max) 1.5

Value

e 0.83
Y 0.72
Yo 0.4