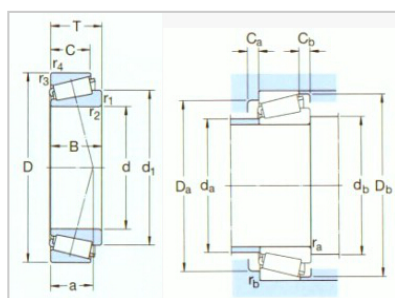


Tapered Roller Bearing

31300 Series Tapered Roller Bearing-



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