

Tapered Roller Bearing

31300 Series Tapered Roller Bearing-



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