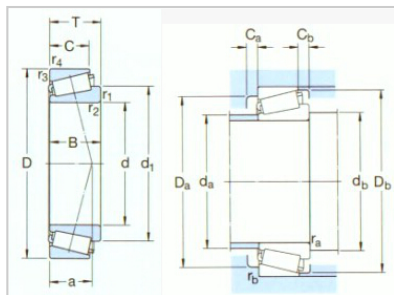


Tapered Roller Bearing

32300 Series-32310BJ2/QCL7C

Designacion **32310BJ2/QCL7C**

Dimensiones principales (mm)

d1 50

re 110

segundo 42.25

Basic load ratings [KN]

dyc(Cr) 183

stc(Cor) 216

Pu 24.5

Speed ratings [rpm]

Speed Ratings 4500

Limiting Speed 6000

Weight(Kg) 1.85

ISO335

Dimensions (ABMA) 5FD

Dimensions [mm]

re 50

d1 82.9

segundo 40

C 33

r1,2(min) 2.5

r3,4(min) **2**

una 34

Abutment and fillet dimensions [mm]

da(max) 62

db (min) 60

Da(min) 83

Da (max) 100

Db(min) 103

Ca(min) 5

Cb(min) 9

ra (max) **2**rb (max) **2**

Valor

e 0.54

Y 1.1

Yo 0.6

Tapered roller bearings have tapered inner and outer raceways and rollers to handle simultaneous radial and thrust loads. Their axial load carrying capacity is directly related to the contact angle of the rollers and raceway shaft.

They are available in single-row, double-row, and four-row designs. The individual parts of tapered roller bearings are commonly sold separately as cups and cones. Cones contain the roller assembly

and inner ring while cups include the outer ring. Full assembly units contain both the cup and cone. As separable bearings, different designs and sizes are available to accommodate a variety of applications.

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