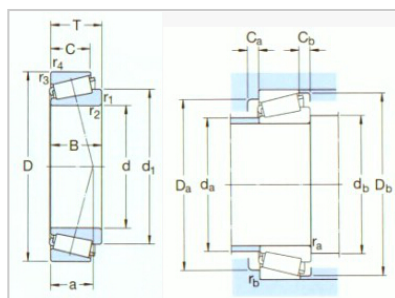


Tapered Roller Bearing

33100 Series-33116TN9/Q

Designacion **33116TN9/Q**

Dimensiones principales (mm)

d1 80

re 130

segundo 37

Basic load ratings [KN]

dyc(Cr) 179

stc(Cor) 280

Pu 32.5

Speed ratings [rpm]

Speed Ratings 3600

Limiting Speed 4800

Weight(Kg) 1.90

ISO335

Dimensions (ABMA) 3DE

Dimensions [mm]

re 80

d1 105

segundo 37

C 29

r1,2(min) 2

r3,4(min) 1.5

una 30

Abutment and fillet dimensions [mm]

da(max) 89

db (min) 89

Da(min) 114

Da (max) 122

Db(min) 126

Ca(min) **6**

Cb(min) 8

ra (max) 2

rb (max) 1.5

Valor

e 0.43

Y 1.4

Yo 0.8

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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