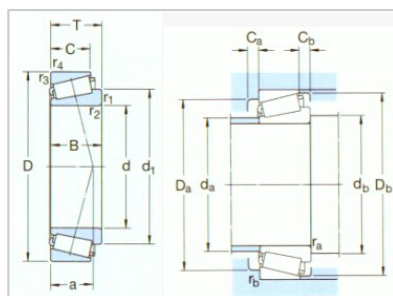


Tapered Roller Bearing

33100 Series-**33122**Designation **33122**

Principal dimensions [mm]

d1 110

D 180

B 56

Basic load ratings [kN]

dyc(Cr) 369

stc(Cor) 630

Pu 67

Speed ratings [rpm]

Speed Ratings 2600

Limiting Speed 3400

Weight(Kg) 5.55

ISO335

Dimensions (ABMA) 3EE

Dimensions [mm]

d 110

d1 146

B 56

C 43

r1,2(min) 2.5

r3,4(min) **2**

a 44

Abutment and fillet dimensions [mm]

da(max) 121

db(min) 121

Da(min) 155

Da(max) 170

Db(min) 174

Ca(min) 9

Cb(min) 13

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

Value

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.

Luoyang Auto Bearing Co.,Ltd-Tel:0598-3607100-Email:moore@lyautobearing.com-http://www.auto-bearing.com