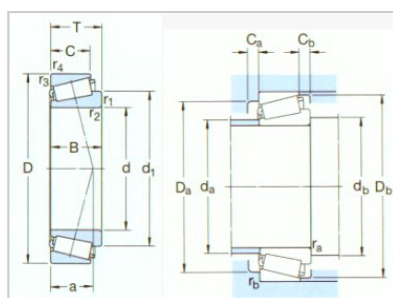


Tapered Roller Bearing

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