



Timken BEARINGS INDUSTRY



80 mm x 170 mm x 39 mm KOYO 30316JR tapered roller bearings

Bearing No. 30316JR

30316JR Bearing 2D drawings and 3D CAD models

Size	80x170x42.5 mm
Bore Diameter	80 mm
Outer Diameter	170 mm
Width	42,5 mm
d	80 mm
D	170 mm
T	42,5 mm
B	39 mm
C	33 mm
a	34,8 mm
r min.	3 mm
r2 min.	2,5 mm
da min.	94 mm
da max	102 mm
Da min	148 mm
Da max.	158 mm
Db min.	159 mm
ra max.	2,5 mm
rb max.	2 mm
Weight	4,46 Kg
Basic dynamic load rating (C)	294 kN
Basic static load rating (C0)	355 kN
(Grease) Lubrication Speed	2300 r/min
(Oil) Lubrication Speed	3100 r/min
Calculation factor (e)	0,35



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Calculation factor (Y0)	0,96
Bearing No.	30316JR
r(min)	3
r1(min)	2.5
Cr	368
C0r	355
Cu	49.9
Grease lub.	2300
Oil lub.	3100
a	34.8 mm
da(min)	94
db(max)	102
Da(max)	158
Da(min)	148
Db(min)	159
Sa(min)	4
Sb(min)	9.5
ra(max)	2.5
rb(max)	2
e	0.35
Y1	1.74
Y0	0.96
(Refer.) Mass(kg)	4.46