



NTN Bearing Manufacturing



100 mm x 215 mm x 47 mm KOYO 30320JR tapered roller bearings

Bearing No. 30320JR

30320JR Bearing 2D drawings and 3D CAD models

Size	100x215x51.5 mm
Bore Diameter	100 mm
Outer Diameter	215 mm
Width	51,5 mm
d	100 mm
D	215 mm
T	51,5 mm
B	47 mm
C	39 mm
a	42,7 mm
r min.	4 mm
r2 min.	3 mm
da min.	118 mm
da max	127 mm
Da min	184 mm
Da max.	201 mm
Db min.	200 mm
ra max.	3 mm
rb max.	2,5 mm
Weight	8,49 Kg
Basic dynamic load rating (C)	422 kN
Basic static load rating (C0)	521 kN
(Grease) Lubrication Speed	1800 r/min
(Oil) Lubrication Speed	2400 r/min
Calculation factor (e)	0,35



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Calculation factor (Y0)	0,96
Bearing No.	30320JR
r(min)	4
r1(min)	3
Cr	528
C0r	521
Cu	68.0
Grease lub.	1800
Oil lub.	2400
a	42.7 mm
da(min)	118
db(max)	127
Da(max)	201
Da(min)	184
Db(min)	200
Sa(min)	6
Sb(min)	12.5
ra(max)	3
rb(max)	2.5
e	0.35
Y1	1.74
Y0	0.96
(Refer.) Mass(kg)	8.49