



# BEARING TRADING DEVELOPMENT CO LLC



35 mm x 80 mm x 21 mm KOYO 30307JR-1 tapered roller bearings

Bearing No. 30307JR-1

30307JR-1 Bearing 2D drawings and 3D CAD models

Size	35x80x22.75 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	22,75 mm
d	35 mm
D	80 mm
T	22,75 mm
B	21 mm
C	18 mm
a	16,9 mm
r min.	2 mm
r2 min.	1,5 mm
da min.	45 mm
da max	45 mm
Da min	70 mm
Da max.	70 mm
Db min.	74 mm
ra max.	2 mm
rb max.	1,5 mm
Weight	0,527 Kg
Basic dynamic load rating (C)	76,2 kN
Basic static load rating (C0)	78,9 kN
(Grease) Lubrication Speed	5200 r/min
(Oil) Lubrication Speed	6900 r/min
Calculation factor (e)	0,31



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Calculation factor (Y0)	1,05
Bearing No.	30307JR-1
r(min)	2
r1(min)	1.5
Cr	95.2
C0r	78.9
Cu	12.0
Grease lub.	5200
Oil lub.	6900
a	16.9 mm
da(min)	45
db(max)	45
Da(max)	70
Da(min)	70
Db(min)	74
Sa(min)	3
Sb(min)	4.5
ra(max)	2
rb(max)	1.5
e	0.31
Y1	1.90
Y0	1.05
(Refer.) Mass(kg)	0.527