

# TR0809AR KOYO 40x90x35.25mm rb max. 1.5 mm Tapered roller bearings

Bearing number	TR0809AR
Size (mm)	40x90x35.25
Brand	KOYO
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Width (mm)	35.25
d	40 mm
D	90 mm
T	35.25 mm
B	33 mm
C	26 mm
a	27.5 mm
r min.	2 mm
r2 min.	1.5 mm
da min.	50 mm
da max	49 mm
Da min	67 mm
Da max.	80 mm
Db min.	85 mm
ra max.	2 mm
rb max.	1.5 mm
Weight	1.1 Kg
Basic dynamic load rating (C)	112 kN
Basic static load rating (C0)	138 kN

(Grease) Lubrication Speed	4700 r/min
(Oil) Lubrication Speed	6200 r/min
Calculation factor (e)	0.55
Calculation factor (Y0)	0.6
Bearing No.	TR0809AR
r(min)	2
r1(min)	1.5
Cr	140
C0r	138
Cu	20.2
Grease lub.	4700
Oil lub.	6200
a(mm)	27.5
da(min)	50
db(max)	49
Da(max)	80
Da(min)	67
Db(min)	85
Sa(min)	3
Sb(min)	9
ra(max)	2
rb(max)	1.5
e	0.55
Y1	1.10
Y0	0.60
(Refer.) Mass (kg)	1.10