



Bearings International Co., Ltd



749R/742 Bearing 2D drawings and 3D CAD models

KOYO 749R/742 tapered roller bearings

Bearing No. 749R/742

Size	85.026x150.089x44.45 mm
Bore Diameter	85,026 mm
Outer Diameter	150,089 mm
Width	44,45 mm
d	85,026 mm
D	150,089 mm
T	44,45 mm
B	46,672 mm
C	36,512 mm
a	32,4 mm
r min.	3,6 mm
r2 min.	3,2 mm
da min.	101 mm
Da	134 mm
db min	95 mm
ra max.	3,6 mm
rb max.	3,2 mm
Db	142 mm
Weight	3,18 Kg
Basic dynamic load rating (C)	264 kN
Basic static load rating (C0)	368 kN
(Grease) Lubrication Speed	2500 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	1,01
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r(min)	3.6
r1(min)	3.2
Cr	330
C0r	368
Cu	50.1
Grease lub.	2500
Oil lub.	3400
a	32.4 mm
da	101.0
db	95.0
ra(max)	3.6
rb(max)	3.2
e	0.33
Y1	1.84
Y0	1.01
(Refer.)Mass(kg)	3.18