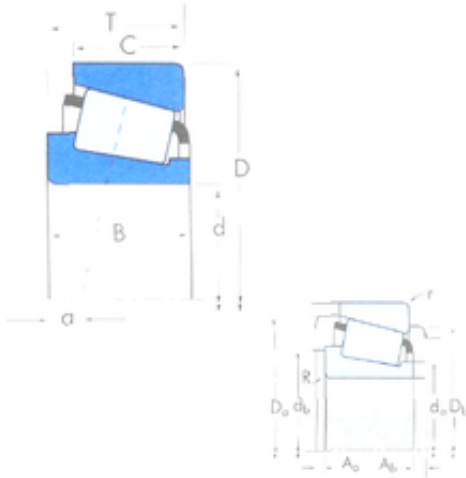




# BOSTON Bearing Manufacturing Co., Ltd.



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

## Inch Tapered Taper Roller Bearing Timken 749/742

Bearing No. 749/742

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
R	3,6 mm
r	3,3 mm
a -	11,9 mm
Da	142 mm
db	101 mm
da	95 mm
Db	134 mm
Aa	1,9 mm
Ab	1,2 mm
Weight	3,24 Kg
Basic static load rating (C0)	417 kN
Factor (G1)	159,6
Factor (G2)	26,3
Factor (Cg)	0,0232
Factor (K)	1,8
Basic dynamic load rating (C90)	76,3



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Basic dynamic load rating (Ca90)	42,5
Basic dynamic load rating (C1)	294 kN
Calculation factor (e)	0,33