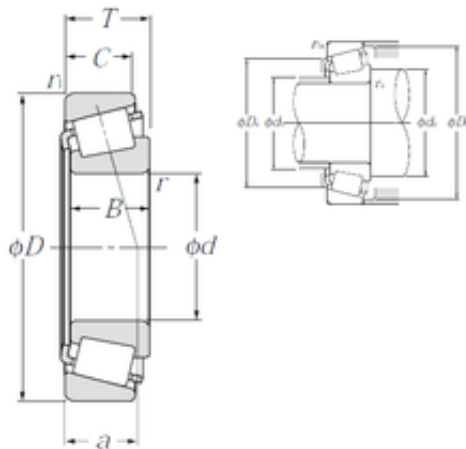




BEARING-SINGAPORE (PTE)LTD.

50 mm x 105 mm x 36 mm NTN 4T-JHM807045/JHM807012 tapered roller bearings

Bearing No. 4T-JHM807045/JHM807012



4T-JHM807045/JHM807012 Bearing 2D drawings and 3D CAD models

Size	50x105x37 mm
Bore Diameter	50 mm
Outer Diameter	105 mm
Width	37 mm
d	50 mm
D	105 mm
T	37 mm
B	36 mm
C	29 mm
ra1 max.	2,5 mm
a	7,5 mm
Da	90 mm
db	63 mm
ra max.	3 mm
da	69 mm
Db	100 mm
Weight	1,52 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	189 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 800 r/min
Calculation factor (e)	0,49
Calculation factor (Y0)	0,68
d1	81.5 mm
e	0.49



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Y2	1.23
Y0	0.68
Mass	1.52 kg
Dynamic load, C	138 kN
Rating life coefficient, A2	1.4
Static load, C0	189 kN
Fatigue limit load, Cu	23 kN
Nlim (oil)	4,800 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.81 Hz
Characteristic outer ring frequency, BPF0	7.77 Hz
Characteristic inner ring frequency, BRFI	10.23 Hz
ra max	3 mm
r1a max	2.5 mm