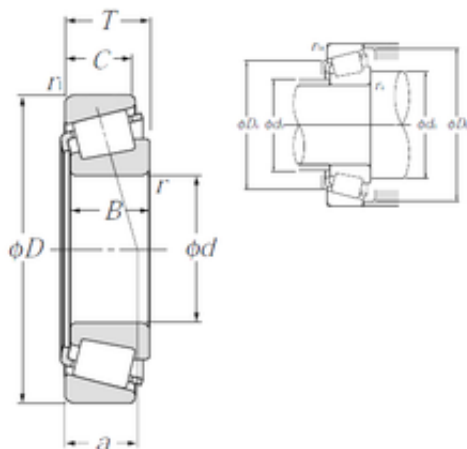




Timken BEARING MFG.CORP

110 mm x 180 mm x 46 mm NTN 4T-JHM522649/JHM522610 tapered roller bearings

Bearing No. 4T-JHM522649/JHM522610



4T-JHM522649/JHM522610 Bearing 2D drawings and 3D CAD models

Size	110x180x47 mm
Bore Diameter	110 mm
Outer Diameter	180 mm
Width	47 mm
d	110 mm
D	180 mm
T	47 mm
B	46 mm
C	38 mm
ra1 max.	2,5 mm
a	6 mm
Da	162 mm
db	122 mm
ra max.	3 mm
da	127 mm
Db	172 mm
Weight	4,61 Kg
Basic dynamic load rating (C)	305 kN
Basic static load rating (C0)	480 kN
(Grease) Lubrication Speed	1 900 r/min
(Oil) Lubrication Speed	2 600 r/min
Calculation factor (e)	0,41
Calculation factor (Y0)	0,81
d1	145.5 mm
e	0.41



Timken BEARING MFG.CORP

Y2	1.48
Y0	0.81
Mass	4.61 kg
Dynamic load, C	305 kN
Rating life coefficient, A2	1.4
Static load, C0	480 kN
Fatigue limit load, Cu	52.4 kN
Nlim (oil)	2,600 rpm
Nlim (grease)	1,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.38 Hz
Characteristic outer ring frequency, BPF0	9.75 Hz
Characteristic inner ring frequency, BPF1	12.25 Hz
ra max	3 mm
r1a max	2.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.47
Product Group	B04334