



55 mm x 90 mm x 23 mm NTN 4T-JLM506849/JLM506810 tapered roller bearings

Bearing No. 4T-JLM506849/JLM506810

4T-JLM506849/JLM506810 Bearing 2D drawings and 3D CAD models

Size	55x90x23 mm
Bore Diameter	55 mm
Outer Diameter	90 mm
Width	23 mm
d	55 mm
D	90 mm
T	23 mm
B	23 mm
C	18,5 mm
ra1 max.	0,5 mm
a	2,8 mm
Da	82 mm
db	61 mm
ra max.	1,5 mm
da	63 mm
Db	86 mm
Weight	0,558 Kg
Basic dynamic load rating (C)	77,5 kN
Basic static load rating (C0)	109 kN
(Grease) Lubrication Speed	3900 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,82
d1	72.5 mm
e	0.4

Y2	1.49
Y0	0.82
Mass	0.56 kg
Dynamic load, C	77.5 kN
Rating life coefficient, A2	1.4
Static load, C0	109 kN
Fatigue limit load, Cu	13.3 kN
Nlim (oil)	5,300 rpm
Nlim (grease)	3,900 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	8.5 Hz
Characteristic outer ring frequency, BPF0	9.77 Hz
Characteristic inner ring frequency, BRFI	12.23 Hz
ra max	1.5 mm
r1a max	0.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.558
Product Group	B04334