



Bearing No. 4T-JM822049/JM822010

a	38 mm
D	165 mm
C	26,5 mm
B	35 mm
T	35 mm
e	0.5
d	110 mm
Y2	1.21
d1	137.5 mm
Y0	0.66
da	124 mm
Db	159 mm
db	119 mm
Da	149 mm
a -	3 mm
Mass	2.52 kg
Weight	2,52 Kg
ra max	3 mm
ra max.	3 mm
r1a max	2.5 mm
ra1 max.	2,5 mm
Category	Bearings
Inventory	0.0
Size (mm)	110x165x35
Width (mm)	35
Nlim (oil)	2,700 rpm
Nlim (grease)	2,100 rpm
Product Group	B04334
Bearing number	4T-JM822049/JM822010

Dynamic load, C	191 kN
Static load, C0	315 kN
Weight / Kilogram	2.584
Manufacturer Name	NTN
Bore Diameter (mm)	110
Outer Diameter (mm)	165
Minimum Buy Quantity	N/A
Calculation factor (e)	0,5
Fatigue limit load, Cu	35 kN
Calculation factor (Y0)	0,66
(Oil) Lubrication Speed	2 700 r/min
(Grease) Lubrication Speed	2 100 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	315 kN
Basic dynamic load rating (C)	191 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic outer ring frequency, BPF0	12.27 Hz
Characteristic inner ring frequency, BPFI	14.73 Hz
Characteristic rolling element frequency, BSF	10.37 Hz