



4T-15100/15245 NTN Tapered Roller Bearings

Bearing No. 4T-15100/15245

Size	25.4x62x19.05 mm
Bore Diameter	25,4 mm
Outer Diameter	62 mm
Width	19,05 mm
d	25,4 mm
D	62 mm
T	19,05 mm
B	20,638 mm
C	14,288 mm
ra1 max.	1,3 mm
a	6 mm
Da	55 mm
db	31,5 mm
ra max.	3,5 mm
da	38 mm
Db	58 mm
Weight	0,299 Kg
Basic dynamic load rating (C)	46,5 kN
Basic static load rating (C0)	54 kN
(Grease) Lubrication Speed	6 100 r/min
(Oil) Lubrication Speed	8 200 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,94
d1	46 mm
e	0.35
Y2	1.71

4T-15100/15245 Bearing 2D drawings and 3D CAD models

Y0	0.94
Mass	0.3 kg
Dynamic load, C	46.5 kN
Rating life coefficient, A2	1.4
Static load, C0	54 kN
Fatigue limit load, Cu	6.6 kN
Nlim (oil)	8,200 rpm
Nlim (grease)	6,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.19 Hz
Characteristic outer ring frequency, BPF0	7.2 Hz
Characteristic inner ring frequency, BPFI	9.8 Hz
ra max	3.5 mm
r1a max	1.3 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.299
Product Group	B04334