



NTN Bearing Rolamentos do Brasil Ltda.

44.45 mm x 95.25 mm x 29.9 mm NTN
4T-438/432A Single row tapered roller bearings

Bearing No. 4T-438/432A

d	44.45 mm
D	95.25 mm
B	29.9 mm
C	22.22 mm
T	27.78 mm
d1	65 mm
a	18.58 mm
e	0.28
Y2	2.11
Y0	1.16
Mass	0.96 kg
Dynamic load, C	108 kN
Rating life coefficient, A2	1.4
Static load, C0	129 kN
Fatigue limit load, Cu	15.7 kN
Nlim (oil)	5,600 rpm
Nlim (grease)	4,200 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	5.59 Hz
Characteristic outer ring frequency, BPF0	6.64 Hz

4T-438/432A Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	9.36 Hz
ra max	3.5 mm
r1a max	0.8 mm