



NTN Bearing Rolamentos do Brasil Ltda.

47.62 mm x 104.78 mm x 29.32 mm NTN
4T-467/453X Single row tapered roller bearings

Bearing No. 4T-467/453X

d	47.62 mm
D	104.78 mm
B	29.32 mm
C	24.6 mm
T	30.16 mm
d1	79.5 mm
a	23.06 mm
e	0.34
Y2	1.79
Y0	0.98
Mass	1.24 kg
Dynamic load, C	115 kN
Rating life coefficient, A2	1.4
Static load, C0	148 kN
Fatigue limit load, Cu	18 kN
Nlim (oil)	4,700 rpm
Nlim (grease)	3,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.79 Hz
Characteristic outer ring frequency, BPF0	7.73 Hz

4T-467/453X Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	10.27 Hz
ra max	0.8 mm
r1a max	3.3 mm