



Demek Bearing Group Co., Ltd.

50,8 mm x 93,264 mm x 30,302 mm NTN 4T-3775/3720 tapered roller bearings



Bearing No. 4T-3775/3720

4T-3775/3720 Bearing 2D drawings and 3D CAD models

Size	50.8x93.264x30.162 mm
Bore Diameter	50,8 mm
Outer Diameter	93,264 mm
Width	30,162 mm
d	50,8 mm
D	93,264 mm
T	30,162 mm
B	30,302 mm
C	23,812 mm
ra1 max.	3,3 mm
a	8,3 mm
Da	82 mm
db	58 mm
ra max.	0,8 mm
da	58 mm
Db	88 mm
Weight	0,852 Kg
Basic dynamic load rating (C)	102 kN
Basic static load rating (C0)	134 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	5 300 r/min
Calculation factor (e)	0,34
Calculation factor (Y0)	0,97
d1	71.5 mm
e	0.34



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Y2	1.77
Y0	0.97
Mass	0.85 kg
Dynamic load, C	102 kN
Rating life coefficient, A2	1.4
Static load, C0	134 kN
Fatigue limit load, Cu	16.3 kN
Nlim (oil)	5,300 rpm
Nlim (grease)	4,000 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	6.94 Hz
Characteristic outer ring frequency, BPF0	7.76 Hz
Characteristic inner ring frequency, BRFI	10.24 Hz
ra max	0.8 mm
r1a max	3.3 mm