



SAF BEARING LIMITED

60 mm x 130 mm x 31 mm NTN 4T-30312DST
Single row tapered roller bearings

Bearing No. 4T-30312DST

d	60 mm
D	130 mm
B	31 mm
C	22 mm
T	33.5 mm
d1	96 mm
a	40.5 mm
rs min	3 mm
r1s min	2.5 mm
e	0.83
Y2	0.73
Y0	0.4
Mass	1.97 kg
ISO 355 reference	T7FB060
Dynamic load, C	150 kN
Rating life coefficient, A2	1.4
Static load, C0	176 kN
Fatigue limit load, Cu	21.5 kN
Nlim (oil)	3,600 rpm
Nlim (grease)	2,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz

4T-30312DST Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	5.52 Hz
Characteristic outer ring frequency, BPF0	6.76 Hz
Characteristic inner ring frequency, BRFI	9.24 Hz
da max	73 mm
db min	74 mm
Da min	103 mm
Da max	118 mm
Db min	124 mm
Ca min	4 mm
Cb min	11.5 mm
ra max	2.5 mm
r1a max	2 mm