

Timken 130RF03 cylindrical roller bearings

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Size (mm)	80x130x35
Bore Diameter (mm)	80
Outer Diameter (mm)	130
Width (mm)	35
d	80 mm
D	130 mm
T	35 mm
B	34 mm
C	28,5 mm
ra1 max.	2,5 mm
a	4,9 mm
Da	117 mm
db	88 mm
ra max.	3 mm
da	94 mm
Db	125 mm
Weight	1,73 Kg
Basic dynamic load rating (C)	166 kN
Basic static load rating (C0)	249 kN
(Grease) Lubrication Speed	2 700 r/min
(Oil) Lubrication Speed	3 600 r/min
Calculation factor (e)	0,39

Calculation factor (Y0)	0,85
d1	105 mm
e	0.39
Y2	1.54
Y0	0.85
Mass	1.73 kg
Dynamic load, C	166 kN
Rating life coefficient, A2	1.4
Static load, C0	249 kN
Fatigue limit load, Cu	29.9 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	0.44 Hz
Characteristic rolling element frequency, BSF	8.4 Hz
Characteristic outer ring frequency, BPF0	9.75 Hz
Characteristic inner ring frequency, BRFI	12.25 Hz
ra max	3 mm
rla max	2.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.76
Product Group	B04334