



NTN-SNR BEARING RULMENTI S.R.L.

100 mm x 180 mm x 63 mm NTN 33220U
Single row tapered roller bearings

Bearing No. 33220U

d	100 mm
D	180 mm
B	63 mm
C	48 mm
T	63 mm
a	45.5 mm
rs min	3 mm
r1s min	2.5 mm
e	0.4
Y2	1.48
Y0	0.82
Mass	6.76 kg
ISO 355 reference	T3FE100
Dynamic load, C	415 kN
Rating life coefficient, A2	1
Static load, C0	650 kN
Nlim (oil)	2,700 rpm
Nlim (grease)	2,000 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	7.07 Hz
Characteristic outer ring	8.66 Hz

33220U Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPFI	11.34 Hz
da max	114 mm
db min	113 mm
Da min	147 mm
Da max	168 mm
Db min	173 mm
ra max	2.5 mm
r1a max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	6.82
Product Group	B04334