



NTN-SNR BEARING RULMENTI S.R.L.

70 mm x 125 mm x 31 mm NTN 32214UP5
Single row tapered roller bearings

Bearing No. 32214UP5

d	70 mm
D	125 mm
B	31 mm
C	27 mm
T	33.25 mm
d1	96 mm
a	28.5 mm
rs min	2 mm
r1s min	1.5 mm
e	0.42
Y2	1.43
Y0	0.79
Mass	1.68 kg
ISO 355 reference	T3EC070
Dynamic load, C	166 kN
Rating life coefficient, A2	1
Static load, C0	220 kN
Fatigue limit load, Cu	26.8 kN
Nlim (oil)	3,900 rpm
Nlim (grease)	2,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz

32214UP5 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	6.63 Hz
Characteristic outer ring frequency, BPF0	8.58 Hz
Characteristic inner ring frequency, BRFI	11.42 Hz
da max	80 mm
db min	80 mm
Da min	108 mm
Da max	116.5 mm
Db min	119 mm
Ca min	4 mm
Cb min	6 mm
ra max	2 mm
r1a max	1.5 mm