

PDF technical sheet 6216NR



Single row deep groove ball bearings

Product definition	
d	80 mm
D	140 mm
B	26 mm
a min	4.65 mm
a max	4.90 mm
Ca min	7.47 mm
Ca max	7.72 mm
rs min	2 mm
rNs min	0.50 mm
D3 max	135.23 mm
b min	3.10 mm
b max	3.40 mm
r0 max	0.60 mm
D4 max	149.70 mm
f	2.82 mm
Snap ring reference	R140
Radial clearance class	CN
Mass	1.40 kg
Brand	NTN



Product performance	
Dynamic load, C	72.50 kN
Static load, C0	53 kN
Fatigue limit load, Cu	2.30 kN
f0	14.6
Nlim (oil)	5,300 Tr/min
Nlim (grease)	4,500 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.60 Hz
Characteristic outer ring frequency, BPF0	4.13 Hz
Characteristic inner ring frequency, BPF1	5.87 Hz



Abutment dimensions

da min	89 mm
Da max	131 mm
ra max	2 mm
rNa max	0.50 mm
Db min	152 mm

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