

PDF technical sheet NJ232C4



Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

Product definition	
d	6.2992 "
D	11.4173 "
B	1.8898 "
E	10.0394 "
F	7.6772 "
d1	8.1496 "
rs min	0.1181 "
r1s min	0.1181 "
Radial clearance class	C4
Mass (without HJ ring)	49.03 oz
Brand	NTN



Product performance	
Dynamic load, C	430 kN
Static load, C0	570 kN
Fatigue limit load, Cu	54.50 kN
Nlim (oil)	2,700 RPM
Nlim (grease)	2,300 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.37 Hz
Characteristic outer ring frequency, BPF0	7.80 Hz
Characteristic inner ring frequency, BPFI	10.20 Hz



Abutment dimensions	
da min	6.8110 "
da max	7.5591 "
dc min	8.2677 "
Da max	10.9055 "
ra max	0.0984 "

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$