

# NSK NN3008ZTB cylindrical roller bearings

What 16 mm B are 110 mm D the dimensions 80 mm d of a NSK NN3008ZTB cylindrical roller bearings? Manufacturing Service . Get Your Free, Instant Quote

d	80 mm
D	110 mm
B	16 mm
d1	89.4 mm
D1	100.75 mm
D2	105.08 mm
a	30 mm
Contact angle $\alpha$	25 °
rs min	0.6 mm
r1s min	0.3 mm
f0	16.62
Precision class	P4
Mass	0.37 kg
Dynamic load, C	32.4 kN
Static load, C0	34.2 kN
Fatigue limit load, Cu	1.94 kN
Nlim (oil)	17,000 rpm
Nlim (grease)	11,000 rpm
Axial displacement K Factor	0.46
Preload level	8
Preload value	0.84 kN
Axial rigidity	301 N/ $\mu$ m

Radial rigidity	606 N/ $\mu$ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	9.89 Hz
Characteristic outer ring frequency, BPF0	11.36 Hz
Characteristic inner ring frequency, BRFI	13.64 Hz
da min	84.5 mm
db min	84.5 mm
Da max	105.5 mm
Db max	105.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	92.4 mm