

NKE 54416-MP thrust ball bearings

We work 28 mm D closely with our NKE 54416-MP thrust ball bearings manufacturing partners to bring the 12 mm d best value to customers.

d	12 mm
D	28 mm
B	8 mm
rs min	0.3 mm
Radial clearance class	C3
Mass	0.02 kg
Dynamic load, C	5.1 kN
Static load, C ₀	2.39 kN
Fatigue limit load, C _u	0.11 kN
f ₀	13.2
N _{lim} (oil)	30,000 rpm
N _{lim} (grease)	26,000 rpm
Min operating temperature, T _{min}	-25 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz
Characteristic outer ring frequency, BPF ₀	3.07 Hz
Characteristic inner ring frequency, BPF _I	4.93 Hz
da min	14 mm
Da max	26 mm
ra max	0.3 mm