

# NKE 23976-MB-W33 spherical roller bearings

We work 55 mm d closely with our NKE 23976-MB-W33 spherical roller bearings 100 mm D manufacturing partners to bring the best value to customers.

d	55 mm
D	100 mm
B	21 mm
rs min	1.5 mm
Radial clearance class	CM
Mass	0.6 kg
Dynamic load, C	43.5 kN
Static load, C <sub>0</sub>	29.2 kN
Fatigue limit load, C <sub>u</sub>	1.33 kN
f <sub>0</sub>	14.3
N <sub>lim</sub> (grease)	4,300 rpm
Min operating temperature, T <sub>min</sub>	-25 °C
Max operating temperature, T <sub>max</sub>	110 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.24 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	4.08 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	5.92 Hz
da min	63 mm
da max	67 mm
Da max	92 mm
ra max	1.5 mm