

# Timken 40RIJ133 cylindrical roller bearings

Our highly-skilled and factory-trained service experts have the resources 170 mm D to help 43 mm B you with all your Timken 40RIJ133 cylindrical roller bearings needs – including routine maintenance, major repairs, 95 mm d warranty service, and equipment inspections.

d	95 mm
D	170 mm
B	43 mm
d2	110.8 mm
D1	152.8 mm
rs min	2.1 mm
Number of lubrication holes	3
b	9.9 mm
k	4.5 mm
e	0.23
Y1	2.95
Y2	4.4
Y0	2.89
Radial clearance class	C3
Mass	3.95 kg
Dynamic load, C	416 kN
Static load, C0	417 kN
Fatigue limit load, Cu	47.5 kN
Nref	3,800 rpm
Nlim	4,800 rpm

Min operating temperature, $T_{min}$	-40 °C
Max operating temperature, $T_{max}$	200 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.95 Hz
Characteristic outer ring frequency, BPF0	7.12 Hz
Characteristic inner ring frequency, BRFI	9.88 Hz
da min	107 mm
Da max	158 mm
ra max	2 mm