

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, BPF ₀	7.12 Hz
Characteristic inner ring frequency, BPFI	9.88 Hz
d _{a min}	107 mm
D _{a max}	158 mm
r _{a max}	2 mm