

# Timken 23948YM spherical roller bearings

Our highly-skilled and factory-trained service experts 41.28 mm d have the resources to help you with all your Timken 23948YM spherical roller bearings needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

d	41.28 mm
D	73.43 mm
B	19.81 mm
C	16.6 mm
T	21.43 mm
d1	57 mm
a	18.13 mm
e	0.4
Y2	1.5
Y0	0.83
Mass	0.36 kg
Dynamic load, C	56 kN
Rating life coefficient, A2	1.9
Static load, C0	69.5 kN
Fatigue limit load, Cu	8.5 kN
Nlim (oil)	6,600 rpm
Nlim (grease)	5,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz

Characteristic rolling element frequency, BSF	7.18 Hz
Characteristic outer ring frequency, BPF0	8.68 Hz
Characteristic inner ring frequency, BPFI	11.32 Hz
ra max	3.5 mm
rla max	0.8 mm