

# KOYO 32007JR/1YD tapered roller bearings

Question KOYO 32007JR/1YD tapered roller bearings ? 27 mm B  
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d	50 mm
D	110 mm
B	27 mm
d1	67.3 mm
D1	94.4 mm
rs min	2 mm
Radial clearance class	C3
Mass	1.08 kg
Dynamic load, C	61.3 kN
Static load, C0	38 kN
Fatigue limit load, Cu	1.73 kN
f0	13.1
Nref	7,700 rpm
Nlim	8,300 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	3.99 Hz
Characteristic outer ring frequency, BPF0	3.05 Hz
Characteristic inner ring frequency, BRFI	4.95 Hz
da min	59 mm
da max	67.3 mm

Da max	101 mm
ra max	2 mm