

# KOYO 22352R spherical roller bearings

KOYO 22352R spherical roller bearings Needs Analysis , Manufacturing Service . 20 mm d Get Your Free. 47 mm D

d	20 mm
D	47 mm
B	14 mm
a min	2.31 mm
a max	2.46 mm
Ca min	3.33 mm
Ca max	3.58 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	44.6 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	52.7 mm
f	1.12 mm
Snap ring reference	R47
Radial clearance class	CN
Mass	0.11 kg
Dynamic load, C	12.8 kN
Static load, C0	6.65 kN
Fatigue limit load, Cu	0.3 kN
f0	13.2
Nlim (grease)	16,000 rpm

Min operating temperature, $T_{min}$	-20 °C
Max operating temperature, $T_{max}$	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.12 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BRFI	4.92 Hz
$d_a$ min	25 mm
$D_a$ max	42 mm
$r_a$ max	1 mm
$r_{Na}$ max	0.5 mm
$D_b$ min	53.5 mm