

KOYO 32211CR tapered roller bearings

KOYO 32211CR tapered roller bearings, Units and Housings CAD models , Manufacturing Service . Get 30 mm d Your 62 mm D Free.

d	30 mm
D	62 mm
B	16 mm
d1	40.4 mm
D1	52.05 mm
D2	56.44 mm
a	14 mm
Contact angle α	15 °
rs min	1 mm
r1s min	0.6 mm
f0	13.96
Precision class	P4
Mass	0.2 kg
Dynamic load, C	24.3 kN
Static load, C0	15.9 kN
Fatigue limit load, Cu	0.86 kN
Nlim (oil)	36,000 rpm
Nlim (grease)	23,000 rpm
Axial displacement K Factor	1.54
Preload level	7
Preload value	0.13 kN
Axial rigidity	50 N/ μ m

Radial rigidity	279 N/ μ m
Min operating temperature, T _{min}	-30 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.64 Hz
Characteristic outer ring frequency, BPF ₀	5.2 Hz
Characteristic inner ring frequency, BRFI	7.8 Hz
d _{a min}	35.5 mm
d _{b min}	35.5 mm
D _{a max}	56.5 mm
D _{b max}	56.5 mm
r _{1a max}	0.6 mm
r _{a max}	1 mm
D ₆	43.6 mm