

Toyana 2214 self aligning ball bearings

Toyana 2214 self aligning ball bearings, Units and Housings 150x210x28 Size (mm) CAD models 210 Outer Diameter (mm) , Manufacturing Service . Get Your 150 Bore Diameter (mm) Free.

Size (mm)	150x210x28
Bore Diameter (mm)	150
Outer Diameter (mm)	210
Width (mm)	28
d	150 mm
D	210 mm
B	28 mm
C	28 mm
Angle (α)	20 °
d1	170 mm
D1	190.02 mm
D2	197.63 mm
a	56 mm
Contact angle α	25 °
rs min	2 mm
r1s min	1 mm
f0	16.78
Precision class	P4
Mass	2.62 kg
Dynamic load, C	96.9 kN
Static load, C0	123 kN
Fatigue limit load, Cu	5.1 kN

Nlim (oil)	8,900 rpm
Nlim (grease)	5,800 rpm
Axial displacement K Factor	0.35
Preload level	7
Preload value	1.38 kN
Axial rigidity	461 N/ μ m
Radial rigidity	972 N/ μ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.72 Hz
Characteristic outer ring frequency, BPF0	13.28 Hz
Characteristic inner ring frequency, BRFI	15.72 Hz
da min	160 mm
db min	160 mm
Da max	200 mm
Db max	200 mm
r1a max	1 mm
ra max	2 mm
D6	174 mm