

Toyana 7214 A angular contact ball bearings

Toyana 7214 A angular contact ball bearings Engineering Calculator , 60 mm d Manufacturing Service . Get Your Free.

d	60 mm
D	130 mm
B	46 mm
d2	75.3 mm
D1	111.9 mm
rs min	2.1 mm
Number of lubrication holes	3
b	8.7 mm
k	4 mm
e	0.35
Y1	1.95
Y2	2.9
Y0	1.91
Radial clearance class	C3
Mass	2.8 kg
Dynamic load, C	340 kN
Static load, C0	319 kN
Fatigue limit load, Cu	29.6 kN
Nref	4,300 rpm
Nlim	5,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.4 Hz

Characteristic rolling element frequency, BSF	4.77 Hz
Characteristic outer ring frequency, BPF0	5.62 Hz
Characteristic inner ring frequency, BRFI	8.38 Hz
da min	72 mm
Da max	118 mm
ra max	2 mm