

ISB SS 608-2RS deep groove ball bearings

ISB SS 608-2RS deep groove ball bearings Engineering 55 mm d Calculator 21 mm B , Manufacturing Service . Get Your Free.

d	55 mm
D	100 mm
B	21 mm
d1	69 mm
D1	85.8 mm
D2	93.02 mm
a	29 mm
Contact angle α	25 °
rs min	1.5 mm
r1s min	1 mm
f θ	14.76
Precision class	P4
Mass	0.62 kg
Dynamic load, C	52.9 kN
Static load, C θ	41 kN
Fatigue limit load, C u	2.3 kN
Nlim (oil)	18,500 rpm
Nlim (grease)	12,500 rpm
Axial displacement K Factor	0.56
Preload level	8
Preload value	1.4 kN
Axial rigidity	300 N/ μ m
Radial rigidity	588 N/ μ m

Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.27 Hz
Characteristic outer ring frequency, BPF0	6.25 Hz
Characteristic inner ring frequency, BRFI	8.75 Hz
da min	63.5 mm
db min	63.5 mm
Da max	91.5 mm
Db max	91.5 mm
r1a max	1 mm
ra max	1.5 mm
D6	73.8 mm