

SKF 23228CCK/W33 spherical roller bearings

What is SKF 23228CCK/W33 spherical roller bearings in mechanical engineering? Manufacturing Service . Upload your CAD file for an 12 mm d instant.

d	12 mm
D	24 mm
B	6 mm
d1	15.4 mm
d2	14.5 mm
D1	20.05 mm
D2	20.75 mm
a	7 mm
Contact angle α	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.01
Precision class	P4S
Mass	0.01 kg
Dynamic load, C	1.41 kN
Static load, C0	0.62 kN
Fatigue limit load, Cu	0.07 kN
Nlim (oil)	108,000 rpm
Nlim (grease)	75,000 rpm
Axial displacement K Factor	1.21
Preload level	8
Preload value	0.035 kN

Axial rigidity	39 N/μm
Radial rigidity	82 N/μm
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.11 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz
Characteristic inner ring frequency, BRFI	8.44 Hz
da min	14.5 mm
db min	14.5 mm
Da max	21.5 mm
Db max	21.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	16.3 mm