

ISO 71932 A angular contact ball bearings

ISO 71932 A angular contact ball bearings, Units 220 mm d and Housings CAD models , 300 mm D Manufacturing Service . Get Your Free.

d	220 mm
D	300 mm
B	38 mm
d1	246.7 mm
D1	273.33 mm
D2	285 mm
a	54 mm
Contact angle α	15 °
rs min	2.1 mm
r1s min	1 mm
f0	16.82
Precision class	P4
Mass	6.77 kg
Dynamic load, C	177 kN
Static load, C0	249 kN
Fatigue limit load, Cu	8.2 kN
Nlim (oil)	6,700 rpm
Nlim (grease)	4,400 rpm
Axial displacement K Factor	0.64
Preload level	7
Preload value	1.7 kN
Axial rigidity	283 N/ μ m

Radial rigidity	1,575 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	11.62 Hz
Characteristic outer ring frequency, BPF0	14.22 Hz
Characteristic inner ring frequency, BRFI	16.78 Hz
da min	232 mm
db min	232 mm
Da max	288 mm
Db max	294.5 mm
r1a max	1 mm
ra max	2 mm
D6	252 mm