

# FAG B71902-C-2RSD-T-P4S angular contact ball bearings

LET 12 Bore Diameter (mm) OUR FAG B71902-C-2RSD-T-P4S angular contact ball bearings EXPERTS 28 Outer Diameter (mm) GET YOU THE PARTS YOU 12x28x8 Size (mm) NEED.

Size (mm)	12x28x8
Bore Diameter (mm)	12
Outer Diameter (mm)	28
Width (mm)	8
d	12 mm
D	28 mm
B	8 mm
C	8 mm
Angle ( $\alpha$ )	15 °
d1	16.65 mm
d2	15.55 mm
D1	22.95 mm
D2	23.75 mm
a	7 mm
Contact angle $\alpha$	17 °
rs min	0.3 mm
r1s min	0.3 mm
f $\theta$	7.6
Precision class	P4S
Mass	0.02 kg
Dynamic load, C	2.26 kN
Static load, C $\theta$	0.95 kN

Fatigue limit load, Cu	0.06 kN
Nlim (oil)	110,000 rpm
Nlim (grease)	80,000 rpm
Axial displacement K Factor	2.25
Preload level	7
Preload value	0.011 kN
Axial rigidity	14 N/ $\mu$ m
Radial rigidity	70 N/ $\mu$ 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	5.83 Hz
Characteristic outer ring frequency, BPF0	5.46 Hz
Characteristic inner ring frequency, BRFI	7.54 Hz
da min	14.5 mm
db min	14.5 mm
Da max	25.5 mm
Db max	25.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	18 mm