

# SIGMA 7220-B angular contact ball bearings

170 Million 44.983×93.264×30.162 Size (mm) used SIGMA 7220-B angular contact ball bearings instantly searchable. Shop our large selection of parts based on brand, price, description, and location. Order the with stock ...

Size (mm)	44.983×93.264×30.162
Bore Diameter (mm)	44,983
Outer Diameter (mm)	93,264
Width (mm)	30,162
d	44,983 mm
D	93,264 mm
T	30,162 mm
B	30,302 mm
C	23,812 mm
ra1 max.	3,3 mm
a	8,3 mm
Da	82 mm
db	53 mm
ra max.	3,5 mm
da	59 mm
Db	88 mm
Weight	0,952 Kg
Basic dynamic load rating (C)	102 kN
Basic static load rating (C0)	134 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	5 300 r/min

Calculation factor (e)	0,34
Calculation factor (Y0)	0,97
d1	71.5 mm
e	0.34
Y2	1.77
Y0	0.97
Mass	0.95 kg
Dynamic load, C	102 kN
Rating life coefficient, A2	1.4
Static load, C0	134 kN
Fatigue limit load, Cu	16.3 kN
Nlim (oil)	5,300 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.94 Hz
Characteristic outer ring frequency, BPF0	7.76 Hz
Characteristic inner ring frequency, BRFI	10.24 Hz
ra max	3.5 mm
r1a max	3.3 mm