

# ISO 7028 BDF angular contact ball bearings

What is the best place to buy 30x47x9 Size (mm) ISO 7028 BDF angular contact ball bearings online? Manufacturing Service .

Size (mm)	30x47x9
Bore Diameter (mm)	30
Outer Diameter (mm)	47
Width (mm)	9
d	30 mm
D	47 mm
B	9 mm
C	9 mm
Angle ( $\alpha$ )	20 °
d1	35.1 mm
d2	33.9 mm
D1	42.15 mm
D2	43.45 mm
a	13 mm
Contact angle $\alpha$	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8.38
Precision class	P4S
Mass	0.05 kg
Dynamic load, C	4.4 kN
Static load, C0	2.65 kN
Fatigue limit load, Cu	0.15 kN

Nlim (grease)	35,000 rpm
Axial displacement K Factor	0.8
Preload level	7
Preload value	0.035 kN
Axial rigidity	58 N/ $\mu$ m
Radial rigidity	128 N/ $\mu$ m
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.46 Hz
Characteristic outer ring frequency, BPF0	9.96 Hz
Characteristic inner ring frequency, BRFI	12.04 Hz
da min	32.5 mm
db min	32.5 mm
Da max	44.5 mm
Db max	44.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	36.5 mm