

SKF BTM 110 BTN9/P4CDB thrust ball bearings

What are the dimensions of a SKF BTM 110 BTN9/P4CDB thrust ball bearings? Manufacturing Service . Get Your 15 mm d Free, Instant Quote

d	15 mm
D	28 mm
B	7 mm
d1	18.7 mm
d2	17.75 mm
D1	24.35 mm
D2	24.95 mm
a	8 mm
Contact angle α	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	8
Precision class	P4S
Mass	0.02 kg
Dynamic load, C	1.92 kN
Static load, C0	0.89 kN
Fatigue limit load, Cu	0.07 kN
Nlim (oil)	91,000 rpm
Nlim (grease)	63,000 rpm
Axial displacement K Factor	1.11
Preload level	8
Preload value	0.05 kN

Axial rigidity	48 N/ μ m
Radial rigidity	102 N/ μ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.45 Hz
Characteristic outer ring frequency, BPF0	7.04 Hz
Characteristic inner ring frequency, BRFI	8.96 Hz
da min	17.5 mm
db min	17.5 mm
Da max	25.5 mm
Db max	25.5 mm
r1a max	0.3 mm
ra max	0.3 mm
D6	19.9 mm