

# ZEN P6207-GB deep groove ball bearings

ZEN P6207-GB deep groove ball bearings 16 mm B manufacturer and global supplier of reliable ball and roller ... ZEN P6207-GB deep groove ball bearings Industries Products Manufacturing & 30 mm d Engineering and Agricultural Bearings designed to meet the unique requirements of our targeted industries.

d	30 mm
D	62 mm
B	16 mm
d1	40.4 mm
D1	52.05 mm
D2	56.44 mm
a	19 mm
Contact angle $\alpha$	25 °
rs min	1 mm
r1s min	0.6 mm
f $\theta$	14.26
Precision class	P4
Mass	0.2 kg
Dynamic load, C	23.2 kN
Static load, C $\theta$	15.2 kN
Fatigue limit load, C $u$	0.86 kN
Nlim (oil)	32,000 rpm
Nlim (grease)	21,000 rpm
Axial displacement K Factor	0.72
Preload level	7

Preload value	0.2 kN
Axial rigidity	116 N/ $\mu$ m
Radial rigidity	246 N/ $\mu$ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.66 Hz
Characteristic outer ring frequency, BPF0	5.28 Hz
Characteristic inner ring frequency, BRFI	7.72 Hz
da min	35.5 mm
db min	35.5 mm
Da max	56.5 mm
Db max	56.5 mm
r1a max	0.6 mm
ra max	1 mm
D6	43.6 mm