

ZEN S6218 deep groove ball bearings

ZEN S6218 deep groove ball bearings 120 mm d manufacturer and global supplier of reliable ball and roller ... ZEN S6218 deep groove ball bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the unique requirements of our targeted industries.

d	120 mm
D	180 mm
B	28 mm
d1	139.4 mm
D1	160.6 mm
D2	168.91 mm
a	49 mm
Contact angle α	25 °
rs min	2 mm
rls min	1 mm
f θ	16.27
Precision class	P4
Mass	2.13 kg
Dynamic load, C	94.8 kN
Static load, C θ	103 kN
Fatigue limit load, C u	4.75 kN
Nlim (oil)	10,500 rpm
Nlim (grease)	7,000 rpm
Axial displacement K Factor	0.43
Preload level	7

Preload value	1.16 kN
Axial rigidity	309 N/ μ m
Radial rigidity	672 N/ μ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	8.49 Hz
Characteristic outer ring frequency, BPF0	10.29 Hz
Characteristic inner ring frequency, BRFI	12.71 Hz
da min	130 mm
db min	130 mm
Da max	170 mm
Db max	170 mm
r1a max	1 mm
ra max	2 mm
D6	145 mm