

# ZEN F61902 deep groove ball bearings

Our highly-skilled 180 mm d and factory-trained service experts have the resources to help you with all your ZEN F61902 deep groove ball bearings needs – including routine maintenance, 86 mm B major repairs, warranty service, and equipment inspections.

d	180 mm
D	320 mm
B	86 mm
D1	286.8 mm
rs min	4 mm
Number of lubrication holes	3
b	18 mm
k	8 mm
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C4
Mass	28.94 kg
Dynamic load, C	1,450 kN
Static load, C0	1,660 kN
Fatigue limit load, Cu	144 kN
Nref	1,800 rpm
Nlim	2,600 rpm
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.11 Hz
Characteristic outer ring frequency, BPF0	7.58 Hz
Characteristic inner ring frequency, BRFI	10.42 Hz
da min	197 mm
Da max	303 mm
ra max	3 mm