

# INA EW5/8 thrust ball bearings

Various types and sizes to 180 mm d accommodate 96 mm B your INA EW5/8 thrust ball bearings requirements.

d	180 mm
D	300 mm
B	96 mm
d2	206 mm
D1	266.8 mm
rs min	3 mm
Number of lubrication holes	3
b	14.9 mm
k	7 mm
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	CN
Mass	27.21 kg
Dynamic load, C	1,490 kN
Static load, C0	1,960 kN
Fatigue limit load, Cu	128 kN
Nref	1,600 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.43 Hz

Characteristic rolling element frequency, BSF	7.26 Hz
Characteristic outer ring frequency, BPF0	9.1 Hz
Characteristic inner ring frequency, BRFI	11.9 Hz
da min	194 mm
Da max	286 mm
ra max	2.5 mm