

INA CSXA047 deep groove ball bearings

We work closely 45 mm d with our INA CSXA047 deep groove ball bearings 85 mm D manufacturing partners to bring the best value to customers.

d	45 mm
D	85 mm
B	23 mm
D1	75.6 mm
rs min	1.1 mm
Number of lubrication holes	3
b	5.8 mm
k	2.5 mm
Associated sleeve reference	H309
e	0.26
Y1	2.64
Y2	3.94
Y0	2.58
Radial clearance class	C4
Mass	0.45 kg
Dynamic load, C	116 kN
Static load, C0	106 kN
Fatigue limit load, Cu	11.8 kN
Nref	7,500 rpm
Nlim	9,800 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	6.07 Hz
Characteristic outer ring frequency, BPF0	6.73 Hz
Characteristic inner ring frequency, BRFI	9.27 Hz
da min	52 mm
Da max	78 mm
ra max	1 mm