

ISB NJ 18/1180 cylindrical roller bearings

ISB NJ 18/1180 cylindrical roller bearings Needs Analysis 110 mm d , Manufacturing Service . Get 69.8 mm B Your 200 mm D Free.

d	110 mm
D	200 mm
B	69.8 mm
d2	130.2 mm
D1	175.8 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.5 mm
k	5 mm
e	0.32
Y1	2.12
Y2	3.15
Y0	2.07
Radial clearance class	CN
Mass	9.25 kg
Dynamic load, C	752 kN
Static load, C0	869 kN
Fatigue limit load, Cu	63.9 kN
Nref	2,300 rpm
Nlim	3,000 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	6.25 Hz
Characteristic outer ring frequency, BPF0	7.62 Hz
Characteristic inner ring frequency, BPFI	10.38 Hz
da min	122 mm
Da max	188 mm
ra max	2 mm