

KOYO M6307 deep groove ball bearings

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d	50 mm
D	110 mm
B	40 mm
d2	63.8 mm
D1	93.2 mm
rs min	2 mm
Number of lubrication holes	4
b	7 mm
k	3.5 mm
e	0.36
Y1	1.87
Y2	2.79
Y0	1.83
Radial clearance class	CN
Mass	1.8 kg
Dynamic load, C	250 kN
Static load, C0	232 kN
Fatigue limit load, Cu	20.4 kN
Nref	4,900 rpm
Nlim	6,100 rpm
Min operating temperature, Tmin	-20 °C

Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.9 Hz
Characteristic outer ring frequency, BPF0	5.66 Hz
Characteristic inner ring frequency, BRFI	8.34 Hz
da min	61 mm
Da max	99 mm
ra max	2 mm