

RHP LLRJ1.3/8 cylindrical roller bearings

RHP LLRJ1.3/8 cylindrical roller bearings Engineering Calculator , Manufacturing 63.5×112.712×30.162 Size (mm) Service . Get Your Free.

Size (mm)	63.5×112.712×30.162
Bore Diameter (mm)	63,5
Outer Diameter (mm)	112,712
Width (mm)	30,162
d	63,5 mm
D	112,712 mm
T	30,162 mm
B	30,162 mm
C	23,812 mm
ra1 max.	3,3 mm
a	6,6 mm
Da	101 mm
db	71 mm
ra max.	3,5 mm
da	77 mm
Db	107 mm
Weight	1,27 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	195 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	4 200 r/min
Calculation factor (e)	0,34

Calculation factor (Y0)	0,97
d1	89 mm
e	0.34
Y2	1.77
Y0	0.97
Mass	1.27 kg
Dynamic load, C	138 kN
Rating life coefficient, A2	1.4
Static load, C0	195 kN
Fatigue limit load, Cu	23.8 kN
Nlim (oil)	4,200 rpm
Nlim (grease)	3,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.58 Hz
Characteristic outer ring frequency, BPF0	9.17 Hz
Characteristic inner ring frequency, BRFI	11.83 Hz
ra max	3.5 mm
r1a max	3.3 mm