

# Loyal RE17020 crossed roller bearing

What is Loyal RE17020 crossed roller bearing in mechanical engineering? Manufacturing Service . Upload your CAD file for an 40 mm d instant.

d	40 mm
D	80 mm
B	18 mm
d1	50.3 mm
D1	70.4 mm
a min	3.07 mm
a max	3.28 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	76.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
Radial clearance class	CN
Mass	0.37 kg
Dynamic load, C	28.7 kN
Static load, C0	17.9 kN
Fatigue limit load, Cu	0.81 kN
f0	14
Nref	9,300 rpm
Nlim	14,000 rpm
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.84 Hz
Characteristic outer ring frequency, BPF0	3.61 Hz
Characteristic inner ring frequency, BRFI	5.39 Hz
da min	46.5 mm
Da max	73.5 mm
ra max	1 mm
rNa max	0.5 mm