

Loyal CRB50050 Crossed Cylindrical Roller Bearing

Loyal CRB50050 Crossed Cylindrical Roller Bearing Manufacturers , Online Wholesale Suppliers ☐ 87,96 Bore Diameter (mm) ! 87.96×148.43×28.575 Size (mm)

Size (mm)	87.96×148.43×28.575
Bore Diameter (mm)	87,96
Outer Diameter (mm)	148,43
Width (mm)	28,575
d	87,96 mm
D	148,43 mm
T	28,575 mm
B	28,971 mm
C	21,433 mm
ra1 max.	3 mm
a –	3 mm
Da	134 mm
db	98 mm
ra max.	3 mm
da	103 mm
Db	142 mm
Weight	1,99 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	215 kN
(Grease) Lubrication Speed	2 300 r/min
(Oil) Lubrication Speed	3 100 r/min
Calculation factor (e)	0,49

Calculation factor (Y0)	0,67
d1	122.4 mm
a	31.58 mm
e	0.49
Y2	1.22
Y0	0.67
Mass	1.99 kg
Dynamic load, C	138 kN
Rating life coefficient, A2	1.4
Static load, C0	215 kN
Fatigue limit load, Cu	24.7 kN
Nlim (oil)	3,100 rpm
Nlim (grease)	2,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.26 Hz
Characteristic outer ring frequency, BPF0	11.81 Hz
Characteristic inner ring frequency, BRFI	14.19 Hz
ra max	3 mm
rla max	3 mm