

# SKF C 4026 K30 cylindrical roller bearings

SKF C 4026 K30 cylindrical roller bearings Needs Analysis , 38 Bore Diameter (mm) Manufacturing Service . 38x63x17 Size (mm) Get Your 63 Outer Diameter (mm) Free.

Size (mm)	38x63x17
Bore Diameter (mm)	38
Outer Diameter (mm)	63
Width (mm)	17
d	38 mm
D	63 mm
T	17 mm
B	17 mm
C	13,5 mm
ra1 max.	1,3 mm
a	2,3 mm
Da	56 mm
db	42,5 mm
da	49 mm
Db	60 mm
Weight	0,198 Kg
Basic dynamic load rating (C)	38,5 kN
Basic static load rating (C0)	52,5 kN
(Grease) Lubrication Speed	5 700 r/min
(Oil) Lubrication Speed	7 600 r/min
Calculation factor (e)	0,42
Calculation factor (Y0)	0,79

d1	51 mm
e	0.42
Y2	1.44
Y0	0.79
Mass	0.2 kg
Dynamic load, C	38.5 kN
Rating life coefficient, A2	1.4
Static load, C0	52.5 kN
Fatigue limit load, Cu	6.4 kN
Nlim (oil)	7,600 rpm
Nlim (grease)	5,700 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	8.88 Hz
Characteristic outer ring frequency, BPF0	9.82 Hz
Characteristic inner ring frequency, BRFI	12.18 Hz
ra max	3.94 mm
r1a max	1.3 mm