



Bearing No. 6880

D	500 mm
d	400 mm
B	46 mm
C	46 mm
f0	16.1
Mass	21.6 kg
ra max	2 mm
Weight	20,6 Kg
Da max	509 mm
da min	431 mm
rs min	2.1 mm
db min	411 mm
r min.	2,1 mm
Da max.	489 mm
ra max.	2 mm
Size (mm)	400x500x46
Nlim (oil)	1,200 rpm
Width (mm)	46
Nlim (grease)	1,000 rpm
Bearing number	6880
Dynamic load, C	260 kN
Static load, C0	405 kN
Bore Diameter (mm)	400
Outer Diameter (mm)	500
Radial clearance class	CN
Fatigue limit load, Cu	8.5 kN
(Oil) Lubrication Speed	1 200 r/min
(Grease) Lubrication Speed	1 100 r/min
Basic static load rating (C0)	340 kN

Basic dynamic load rating (C)	226 kN
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic outer ring frequency, BPF0	11.66 Hz
Characteristic inner ring frequency, BRFI	13.34 Hz
Characteristic rolling element frequency, BSF	14.74 Hz