



**Bearing No. NU256**

E	440 mm
d	280 mm
D	500 mm
B	80 mm
C	80 mm
F	340 mm
Fw	340 mm
ra max	4 mm
Da max	480 mm
db min	343 mm
r min.	5 mm
da max	336 mm
Weight	70,8 Kg
da min	300 mm
rs min	5 mm
r1a max	4 mm
r1s min	5 mm
r1 min.	5 mm
Size (mm)	280x500x80
Nlim (oil)	1,400 rpm
Width (mm)	80
Nlim (grease)	1,200 rpm
Bearing number	NU256
Dynamic load, C	1,190 kN
Static load, C0	1,760 kN
Bore Diameter (mm)	280
Outer Diameter (mm)	500
Radial clearance class	CN
Mass (without HJ ring)	69.8 kg
Fatigue limit load, Cu	143 kN

(Grease) Lubrication Speed	1 200 r/min
Basic dynamic load rating (C)	1 190 kN
Basic static load rating (C0)	1 760 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.72 Hz
Characteristic inner ring frequency, BRFI	11.28 Hz
Characteristic rolling element frequency, BSF	7.67 Hz