

LS GEG140ES plain bearings

Welcome to the LS GEG140ES plain bearings 98,425 Bore Diameter (mm) 168,275 Outer Diameter (mm) online 98.425×168.275×41.275 Size (mm) seller.

Size (mm)	98.425×168.275×41.275
Bore Diameter (mm)	98,425
Outer Diameter (mm)	168,275
Width (mm)	41,275
d	98,425 mm
D	168,275 mm
T	41,275 mm
B	41,275 mm
C	30,162 mm
ra1 max.	3,3 mm
a	3 mm
Da	149 mm
db	109 mm
ra max.	3,5 mm
da	116 mm
Db	160 mm
Weight	3,56 Kg
Basic dynamic load rating (C)	222 kN
Basic static load rating (C0)	340 kN
(Grease) Lubrication Speed	2 100 r/min
(Oil) Lubrication Speed	2 800 r/min
Calculation factor (e)	0,47
Calculation factor (Y0)	0,7

d1	133.5 mm
e	0.47
Y2	1.28
Y0	0.7
Mass	3.56 kg
Dynamic load, C	222 kN
Rating life coefficient, A2	1.4
Static load, C0	340 kN
Fatigue limit load, Cu	38.1 kN
Nlim (oil)	2,800 rpm
Nlim (grease)	2,100 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	8.76 Hz
Characteristic outer ring frequency, BPF0	10.26 Hz
Characteristic inner ring frequency, BRFI	12.74 Hz
ra max	3.5 mm
r1a max	3.3 mm