

SNR 62205EE deep groove ball bearings

Various types and sizes to accommodate your SNR 62205EE deep groove ball bearings 39.688×88.5×25.4 Size (mm) requirements.

Size (mm)	39.688×88.5×25.4
Bore Diameter (mm)	39,688
Outer Diameter (mm)	88,5
Width (mm)	25,4
d	39,688 mm
D	88,5 mm
T	25,4 mm
B	23,698 mm
C	17,462 mm
ra1 max.	1,5 mm
a –	2,9 mm
Da	75 mm
db	51 mm
ra max.	3,5 mm
da	58 mm
Db	84 mm
Weight	0,691 Kg
Basic dynamic load rating (C)	70,5 kN
Basic static load rating (C0)	78 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	5 300 r/min
Calculation factor (e)	0,78
Calculation factor (Y0)	0,42

d1	66 mm
a	28.3 mm
e	0.78
Y2	0.77
Y0	0.42
Mass	0.69 kg
Dynamic load, C	70.5 kN
Rating life coefficient, A2	1.4
Static load, C0	78 kN
Fatigue limit load, Cu	9.5 kN
Nlim (oil)	5,300 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.64 Hz
Characteristic outer ring frequency, BPF0	6.35 Hz
Characteristic inner ring frequency, BRFI	8.65 Hz
ra max	3.5 mm
r1a max	1.5 mm