

# SNR 62202EE deep groove ball bearings

What are the types of SNR 62202EE deep groove ball bearings ?  
Manufacturing Service 55x30x13 Size (mm) . Get Your Free,  
Instant 55 Bore Diameter (mm) price, design review.

Size (mm)	55x30x13
Bore Diameter (mm)	55
Outer Diameter (mm)	30
Width (mm)	13
d	30 mm
D	55 mm
B	13 mm
d1	39.45 mm
d2	38.3 mm
D2	47.25 mm
r1,2 – min.	1 mm
r3,4 – min.	0.6 mm
a	12.2 mm
da – min.	34.6 mm
db – min.	34.6 mm
Da – max.	50.4 mm
Db – max.	51.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	40 mm
Basic dynamic load rating – C	6.5 kN
Basic static load rating – C0	4.2 kN

Fatigue load limit – Pu	0.176 kN
Limiting speed for grease lubrication	36000 r/min
Limiting speed for oil lubrication	56000 mm/min
Ball – Dw	4.762 mm
Ball – z	20
Gref	1.4 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	9.4
Preload class A – GA	21 N
Preload class B – GB	42 N
Preload class C – GC	125 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.02
Calculation factor – f <sub>2C</sub>	1.05
Calculation factor – f <sub>HC</sub>	1
Preload class A	22 N/micron
Preload class B	29 N/micron
Preload class C	46 N/micron
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.6 mm
d <sub>a</sub> min.	34.6 mm
d <sub>b</sub> min.	34.6 mm
D <sub>a</sub> max.	50.4 mm
D <sub>b</sub> max.	51.8 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	8.84 kN
Basic static load rating C <sub>0</sub>	7.1 kN
Fatigue load limit Pu	0.176 kN

Attainable speed for grease lubrication	36000 r/min
Attainable speed for oil-air lubrication	56000 r/min
Ball diameter $D_w$	4.762 mm
Number of balls $z$	20
Reference grease quantity $G_{ref}$	1.4 cm <sup>3</sup>
Preload class A $G_A$	21 N
Static axial stiffness, preload class A	22 N/ $\mu$ m
Preload class B $G_B$	42 N
Static axial stiffness, preload class B	29 N/ $\mu$ m
Preload class C $G_C$	125 N
Static axial stiffness, preload class C	46 N/ $\mu$ m
Calculation factor $f$	1.03
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.02
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.4
Mass bearing	0.13 kg