

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 ³
Calculation factor – f ₀	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 _{2A}	1
Calculation factor – f _{2B}	1.02
Calculation factor – f _{2C}	1.05
Calculation factor – f _{HC}	1
Preload class A	22 N/micron
Preload class B	29 N/micron
Preload class C	46 N/micron
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm
d _a min.	34.6 mm
d _b min.	34.6 mm
D _a max.	50.4 mm
D _b max.	51.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	8.84 kN
Basic static load rating C ₀	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 ³
Preload class A G_A	21 N
Static axial stiffness, preload class A	22 N/ μ m
Preload class B G_B	42 N
Static axial stiffness, preload class B	29 N/ μ m
Preload class C G_C	125 N
Static axial stiffness, preload class C	46 N/ μ 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