

PRODUCT INFORMATION PACKET



Model No: 93445-88
Catalog No: 93445-88
A-93445-88 SGR (BOLT-THRU) 3.936-3.980 SH/4.783 BC

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Nameplate Specifications

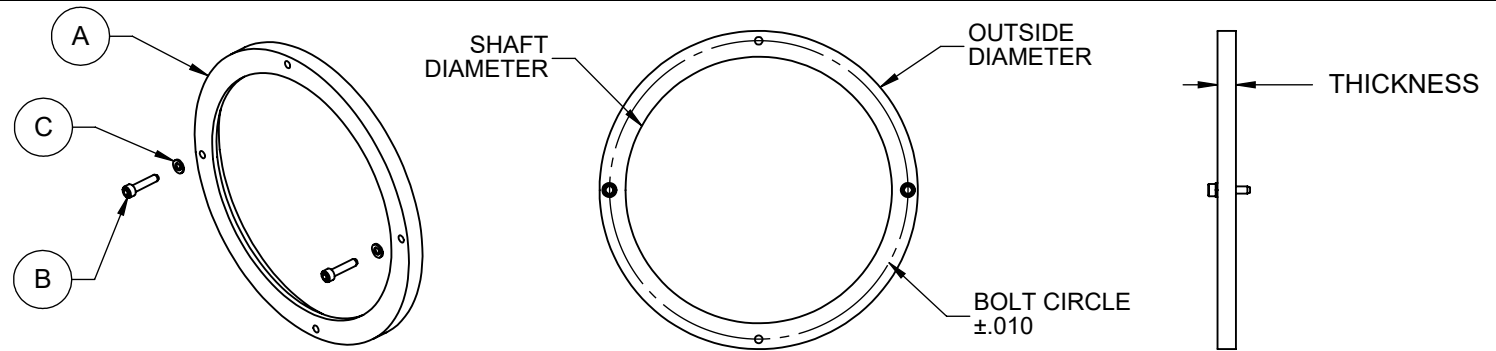
Technical Specifications

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93445 KIT INCLUDES:

- A - (1) SHAFT GND. RING
 B - (2) M3 x .5 x 14 CAP SCREWS *
 C - (2) M3 SPLIT LOCKWASHERS *

* SGR OD'S OVER 4.60"
 WILL USE (4) MTG. SCREWS.



DASH	MIN. SHAFT DIA. INCHES	MAX. SHAFT DIA. INCHES	OUTSIDE DIA. INCHES ±.02	THICKNESS INCHES	SGR PART NUMBER	BOLT CIRCLE	ITEM REV.
1	.311	.355	1.60	.295	SGR-6.9-3	1.200	01
2							
3	.356	.395	1.60	.295	SGR-8.0-3	1.200	02
4	.396	.435	1.60	.295	SGR-9.0-3	1.200	02
5	.436	.480	1.60	.295	SGR-10.1-3	1.200	02
6	.481	.520	1.60	.295	SGR-11.2-3	1.200	02
7	.521	.560	1.60	.295	SGR-12.2-3	1.200	02
8	.561	.605	1.60	.295	SGR-13.2-3	1.200	02
9	.606	.645	1.60	.295	SGR-14.4-3	1.200	02
10	.646	.685	2.10	.295	SGR-15.4-3	1.783	02
11	.686	.730	2.10	.295	SGR-16.4-3	1.783	02
12	.731	.774	2.10	.295	SGR-17.6-3	1.783	02
13	.775	.815	2.10	.295	SGR-18.7-3	1.783	02
14	.816	.855	2.10	.295	SGR-19.7-3	1.783	02
15	.856	.895	2.10	.295	SGR-20.7-3	1.783	02
16	.896	.935	2.10	.295	SGR-21.7-3	1.783	02
17	.936	.980	2.10	.295	SGR-22.8-3	1.783	02
18	.981	1.020	2.10	.295	SGR-23.9-3	1.783	02
19	1.021	1.060	2.10	.295	SGR-24.9-3	1.783	02
20	1.061	1.105	2.10	.295	SGR-25.9-3	1.783	02
21	1.106	1.145	2.10	.295	SGR-27.1-3	1.783	02
22	1.146	1.185	2.10	.295	SGR-28.1-3	1.783	02
23	1.231	1.270	2.10	.295	SGR-30.3-3	1.783	01
24	1.271	1.310	2.10	.295	SGR-31.3-3	1.783	01
25	1.311	1.355	2.10	.295	SGR-32.3-3	1.783	01
26	1.356	1.395	2.10	.295	SGR-33.4-3	1.783	01
27	1.396	1.435	2.68	.295	SGR-34.4-3	2.433	01
28	1.436	1.480	2.68	.295	SGR-35.5-3	2.433	01
29	1.481	1.520	2.68	.295	SGR-36.6-3	2.433	01
30	1.521	1.560	2.68	.295	SGR-37.6-3	2.433	01
31	1.561	1.605	2.68	.295	SGR-38.6-3	2.433	01
32	1.606	1.645	2.68	.295	SGR-39.8-3	2.433	01
33	1.646	1.685	2.68	.295	SGR-40.8-3	2.433	01
34	1.686	1.730	2.68	.295	SGR-41.8-3	2.433	01
35	1.731	1.770	2.68	.295	SGR-43.0-3	2.433	01
36	1.771	1.810	2.68	.295	SGR-44.0-3	2.433	01
37	1.811	1.855	2.68	.295	SGR-45.0-3	2.433	01
38	1.856	1.895	2.68	.295	SGR-46.1-3	2.433	01
39	1.896	1.935	2.68	.295	SGR-47.1-3	2.433	01
40	1.936	1.980	2.68	.295	SGR-48.2-3	2.433	01
41	1.981	2.020	2.68	.295	SGR-49.3-3	2.433	01
42	2.021	2.060	3.10	.295	SGR-50.3-3	2.783	01
43	2.061	2.105	3.10	.295	SGR-51.3-3	2.783	01
44	2.106	2.145	3.10	.295	SGR-52.5-3	2.783	01
45	2.146	2.185	3.10	.295	SGR-53.5-3	2.783	01
46	2.186	2.230	3.10	.295	SGR-54.5-3	2.783	01
47	2.231	2.270	3.10	.295	SGR-55.7-3	2.783	01
48	2.271	2.310	3.10	.295	SGR-56.7-3	2.783	01
49	2.311	2.355	3.10	.295	SGR-57.7-3	2.783	01
50	2.356	2.395	3.10	.295	SGR-58.8-3	2.783	01
51	2.396	2.435	3.60	.295	SGR-59.8-3	3.294	01
52	2.436	2.480	3.60	.295	SGR-60.9-3	3.294	01
53	2.481	2.520	3.60	.295	SGR-62.0-3	3.294	01
54	2.521	2.560	3.60	.295	SGR-63.0-3	3.294	01
55	2.561	2.605	3.60	.295	SGR-64.0-3	3.294	01
56	2.606	2.645	3.60	.295	SGR-65.2-3	3.294	01

DRAWING REVISION R
 ECO NMR-0208199
 ECO DESCRIPTION

REVISION BY A. KEETHA
 APPROVED BY A. KEETHA
 DATE 05-11-2021
 DATE 05-11-2021

ADDED DASH #89

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TOLERANCES UNLESS OTHERWISE SPECIFIED:
 DEC. INCH mm ANGLE
 .X ±0.1 [±2.5] ±7° 30"
 .XX ±0.02 [±0.51]
 .XXX ±0.005 [±0.127]
 .XXXX ±0.0005 [±0.0127]
 REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/381] X 45°
 CORNER FILLETS: R.02 [51]
 MACHINED SURFACES: 200 INCH mm 5.1/
 mm SHOWN IN [BRACKETS]

DRAWN BY JJB
 DATE 04-01-2011

APPROVED BY MJS
 DATE 04-04-2011

REFERENCE

THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
SHAFT GROUNDING RING
 SGR BRUSH ASSY - BOLT THROUGH

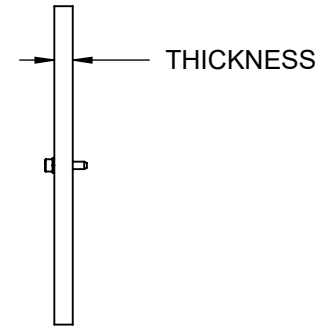
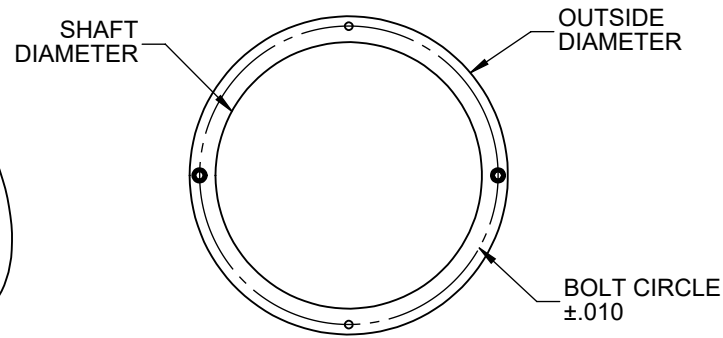
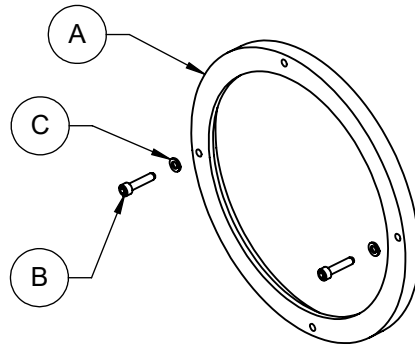
MATERIAL PROCESS/FINISH

SIZE A DRAWING NUMBER 93445 SHEET 1 OF 2

93445 KIT INCLUDES:

- A - (1) SHAFT GND. RING
B - (2) M3 x .5 x 14 CAP SCREWS *
C - (2) M3 SPLIT LOCKWASHERS *

* SGR OD'S OVER 4.60"
WILL USE (4) MTG. SCREWS.



DASH	MIN. SHAFT DIA. INCHES	MAX. SHAFT DIA. INCHES	OUTSIDE DIA. INCHES ±.02	THICKNESS INCHES	SGR PART NUMBER	BOLT CIRCLE	ITEM REV.
57	2.646	2.685	3.60	.295	SGR-66.2-3	3.294	01
58	2.686	2.730	3.60	.295	SGR-67.2-3	3.294	01
59	2.731	2.770	3.60	.295	SGR-68.4-3	3.294	01
60	2.771	2.810	3.60	.295	SGR-69.4-3	3.294	01
61	2.811	2.855	3.60	.295	SGR-70.4-3	3.294	01
62	2.856	2.895	3.60	.295	SGR-71.5-3	3.294	01
63	2.896	2.935	4.10	.295	SGR-72.5-3	3.806	01
64	2.936	2.980	4.10	.295	SGR-73.6-3	3.806	01
65	2.981	3.020	4.10	.295	SGR-74.7-3	3.806	01
66	3.021	3.060	4.10	.295	SGR-75.7-3	3.806	01
67	3.061	3.105	4.10	.295	SGR-76.7-3	3.806	01
68	3.106	3.145	4.10	.295	SGR-77.9-3	3.806	01
69	3.146	3.185	4.10	.295	SGR-78.9-3	3.806	01
70	3.186	3.230	4.10	.295	SGR-79.9-3	3.806	01
71	3.231	3.270	4.10	.295	SGR-81.1-3	3.806	01
72	3.271	3.310	4.10	.295	SGR-82.1-3	3.806	01
73	3.311	3.355	4.10	.295	SGR-83.1-3	3.806	01
74	3.356	3.395	4.10	.295	SGR-84.2-3	3.806	01
75	3.396	3.435	4.60	.295	SGR-85.2-3	4.300	01
76	3.436	3.480	4.60	.295	SGR-86.3-3	4.300	01
77	3.481	3.520	4.60	.295	SGR-87.4-3	4.300	01
78	3.521	3.560	4.60	.295	SGR-88.4-3	4.300	01
79	3.561	3.605	4.60	.295	SGR-89.4-3	4.300	01
80	3.606	3.645	4.60	.295	SGR-90.6-3	4.300	01
81	3.646	3.685	4.60	.295	SGR-91.6-3	4.300	01
82	3.686	3.730	4.60	.295	SGR-92.6-3	4.300	01
83	3.731	3.770	4.60	.295	SGR-93.8-3	4.300	01
84	3.771	3.810	4.60	.295	SGR-94.8-3	4.300	01

DASH	MIN. SHAFT DIA. INCHES	MAX. SHAFT DIA. INCHES	OUTSIDE DIA. INCHES ±.02	THICKNESS INCHES	SGR PART NUMBER	BOLT CIRCLE	ITEM REV.
85	3.811	3.855	4.60	.295	SGR-95.8-3	4.300	01
86							
87							
88	3.936	3.980	5.10	.295	SGR-99.0-3	4.783	01
89	3.981	4.020	5.10	.295	SGR-100.1-3	4.783	01
90							
91							
92	4.106	4.145	5.10	.295	SGR-103.3-3	4.783	01
93							
94							
95	4.231	4.270	5.10	.295	SGR-106.5-3	4.783	01
96	4.275	4.311	5.10	.295	SGR-107.5-3	4.783	00
97							
98	4.356	4.395	5.10	.295	SGR-109.63	4.783	00
99							
100							
101	4.481	4.520	5.60	.295	SGR-112.8-3	5.282	02
102							
103							
104							
105							
106							
107							
108							
109	4.811	4.855	5.60	.295	SGR-121.2-3	5.282	01
120	5.271	5.310	6.10	.295	SGR-132.9-3	5.783	01
121	1.186	1.230	2.10	.295	SGR-29.1-3	1.783	01

DRAWING REVISION R	REVISION BY A. KEETHA	DATE 05-11-2021
ECO NMR-0208199	APPROVED BY A. KEETHA	DATE 05-11-2021
ECO DESCRIPTION ADDED DASH #89		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 200 INCH 5.1/mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY JJB	 Regal Beloit America, Inc.		
DATE 04-01-2011			
APPROVED BY MJS	DESCRIPTION SHAFT GROUNDING RING		
DATE 04-04-2011	SGR BRUSH ASSY - BOLT THROUGH		
REFERENCE	MATERIAL		PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER 93445	SHEET 2 OF 2