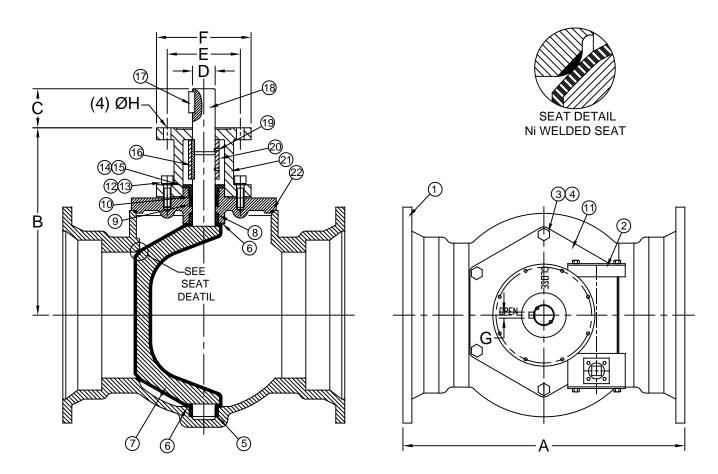
Sizes 4" thru 12"/ 100mm thru 300mm Gear Box - Buried Service

## Flomatic Corporation

## **Materials**



Max Temp 180°F (82°C) Max Pressure 200 psi (14 bar)

Qty	Description	Material	ASTM	Item #	Qty	Description	Material	ASTM
1	Body	Ductile Iron	A536 (65-45-12)	12	4	Bolt	Carbon Steel	A307B
1	Gear Box	Ductile Iron	A536 (65-45-12)	13	4	Washer	Carbon Steel	A570
6	Bolt	Stainless Steel	304	14	1	Pad	Brass	C2800
6	Washer	Stainless Steel	304	15	1	Gland	Carbon Steel	1450
?	Bushing	Stainless Steel	316	16	1	Key	Carbon Steel	1450
2	Washer	PTFE		17	1	Key	Carbon Steel	1450
1	Plug	DI w/ NBR	A536 (65-45-12)	18	1	Extended Shaft	Carbon Steel	1450
1	A-Packing	NBR		19	2	Bolt	Carbon Steel	A307B
4	B-Packing	NBR		20	1	Bushing	Carbon Steel	1450
1	C-Packing	NBR		21	1	Shelf	Ductile Iron	A536 (65-45-1
1	Cover	Ductile Iron	A536 (65-45-12)	22	1	O-ring	NBR	
	1 1 6 6 ? 2 1	1 Body 1 Gear Box 6 Bolt 6 Washer ? Bushing 2 Washer 1 Plug 1 A-Packing 4 B-Packing 1 C-Packing	1 Body Ductile Iron 1 Gear Box Ductile Iron 6 Bolt Stainless Steel 6 Washer Stainless Steel ? Bushing Stainless Steel 2 Washer PTFE 1 Plug DI w/ NBR 1 A-Packing NBR 4 B-Packing NBR 1 C-Packing NBR	1         Body         Ductile Iron         A536 (65-45-12)           1         Gear Box         Ductile Iron         A536 (65-45-12)           6         Bolt         Stainless Steel         304           6         Washer         Stainless Steel         304           ?         Bushing         Stainless Steel         316           2         Washer         PTFE            1         Plug         DI w/ NBR         A536 (65-45-12)           1         A-Packing         NBR            4         B-Packing         NBR            1         C-Packing         NBR	1         Body         Ductile Iron         A536 (65-45-12)         12           1         Gear Box         Ductile Iron         A536 (65-45-12)         13           6         Bolt         Stainless Steel         304         14           6         Washer         Stainless Steel         304         15           ?         Bushing         Stainless Steel         316         16           2         Washer         PTFE          17           1         Plug         DI w/ NBR         A536 (65-45-12)         18           1         A-Packing         NBR          19           4         B-Packing         NBR          20           1         C-Packing         NBR          21	1       Body       Ductile Iron       A536 (65-45-12)       12       4         1       Gear Box       Ductile Iron       A536 (65-45-12)       13       4         6       Bolt       Stainless Steel       304       14       1         6       Washer       Stainless Steel       304       15       1         ?       Bushing       Stainless Steel       316       16       1         2       Washer       PTFE        17       1         1       Plug       DI w/ NBR       A536 (65-45-12)       18       1         1       A-Packing       NBR        19       2         4       B-Packing       NBR        20       1         1       C-Packing       NBR        21       1	1         Body         Ductile Iron         A536 (65-45-12)         12         4         Bolt           1         Gear Box         Ductile Iron         A536 (65-45-12)         13         4         Washer           6         Bolt         Stainless Steel         304         14         1         Pad           6         Washer         Stainless Steel         304         15         1         Gland           ?         Bushing         Stainless Steel         316         16         1         Key           2         Washer         PTFE          17         1         Key           1         Plug         DI w/ NBR         A536 (65-45-12)         18         1         Extended Shaft           1         A-Packing         NBR          19         2         Bolt           4         B-Packing         NBR          20         1         Bushing           1         C-Packing         NBR          21         1         Shelf	1         Body         Ductile Iron         A536 (65-45-12)         12         4         Bolt         Carbon Steel           1         Gear Box         Ductile Iron         A536 (65-45-12)         13         4         Washer         Carbon Steel           6         Bolt         Stainless Steel         304         14         1         Pad         Brass           6         Washer         Stainless Steel         304         15         1         Gland         Carbon Steel           ?         Bushing         Stainless Steel         316         16         1         Key         Carbon Steel           2         Washer         PTFE          17         1         Key         Carbon Steel           1         Plug         DI w/ NBR         A536 (65-45-12)         18         1         Extended Shaft         Carbon Steel           1         A-Packing         NBR          19         2         Bolt         Carbon Steel           4         B-Packing         NBR          20         1         Bushing         Carbon Steel           1         C-Packing         NBR          20         1         Bushing <t< td=""></t<>

MANUFACTURED IN COMPLIANCE WITH AWWA C517 STANDARD

Flomatic Corporation can accept no responsibility for possible errors in catalogues, brochures and other printed material. Flomatic Corporation reserves the right to alter its products without notices. This also applies to product already agreed. All trademarks in this material are property of the respective companies. All right reserved. ©2019 Flomatic Corporation. The drawings & information on this drawing sheet are the sole & exclusive property of Flomatic Corporation. Any reproduction, distribution, display or use of these drawings or information in whole or in part without written





Sizes 4" thru 12"/ 100mm thru 300mm Gear Box - Buried Service

## Flomatic Corporation

## Dimensions (Mechanical Joint ANSI/AWWA C111/A21.11 flanges)

Valve Size		D	Α		В		С		ØD		ØE		ØF	
inch	mm	Part #	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
4	100	5430000087	14.25	362	7.91	201	1.69	43	1.42	36	2.17	55	3.54	90
6	150	5430000097	15.75	400	10.78	274	2.24	57	1.42	36	4.02	102	4.92	125
8	200	5430000107	17.38	442	13.08	332	2.56	65	1.42	36	4.92	125	5.91	150
10	250	5430000117	19.37	492	17.13	435	3.74	95	1.89	48	6.50	165	8.27	210
12	300	5430000127	20.75	527	18.70	475	3.82	97	1.89	48	6.50	165	8.27	210

Valve Size		D. 1 "	G		(4) ØH		Gearbox	Gearbox	Weight	
inch	mm	Part #	inch	mm	inch	mm	# of turns to close	Ratio	lbs	kg
4	100	5430000087	.32	8	.39	10	124	495:1	88	40
6	150	5430000097	.39	10	.47	12	124	495:1	125	57
8	200	5430000107	.39	10	.55	14	124	495:1	200	91
10	250	5430000117	.55	14	.91	23	119	473:1	359	163
12	300	5430000127	.55	14	.91	23	119	473:1	479	217

MANUFACTURED IN COMPLIANCE WITH AWWA C517 STANDARD

Flomatic Corporation can accept no responsibility for possible errors in catalogues, brochures and other printed material. Flomatic Corporation reserves the right to alter its products without notices. This also applies to product already agreed. All trademarks in this material are property of the respective companies. All right reserved. ©2020 Flomatic Corporation. The drawings & information on this drawing sheet are the sole & exclusive property of Flomatic Corporation. Any reproduction, distribution, display or use of these drawings or information in whole or in part without written authorization of Flomatic Corporation is strictly prohibited. www.flomatic.com

