



IRON VALVES

125# GATE, GLOBE & CHECK



4E Valve



4E Valve is a Texas Corporation Company located in Stafford, TX. Since 1993, 4Excellent Quality, 4Extraordinary Service, 4Expediant Delivery and 4Extensive Inventory is what many Industries have counted on for over decades 4E Valve. Our World-Wide Distributor Network which will be there for anyone who represent a Reliable Source of 4E Valve Products.

For Excellent Quality, 4E's API Certified manufacturing facilities are dedicated to exceeding applicable API, ANSI, ASTM and other industry standards. Our products come with a vigilant quality assurance program and Liability Insurance. 4E monitors its products from scratch to finish. And Our commitment to quality does not end at our factories where all 4E valves are tested in accordance with API 598. 4E scrutinizes material test reports and maintains an MTR Data Base System. Furthermore, 4E valves are selected periodically to undergo full non-destructive and destructive testing in accordance with ASTM A703 and API 598 at an independent laboratory to insure product integrity.

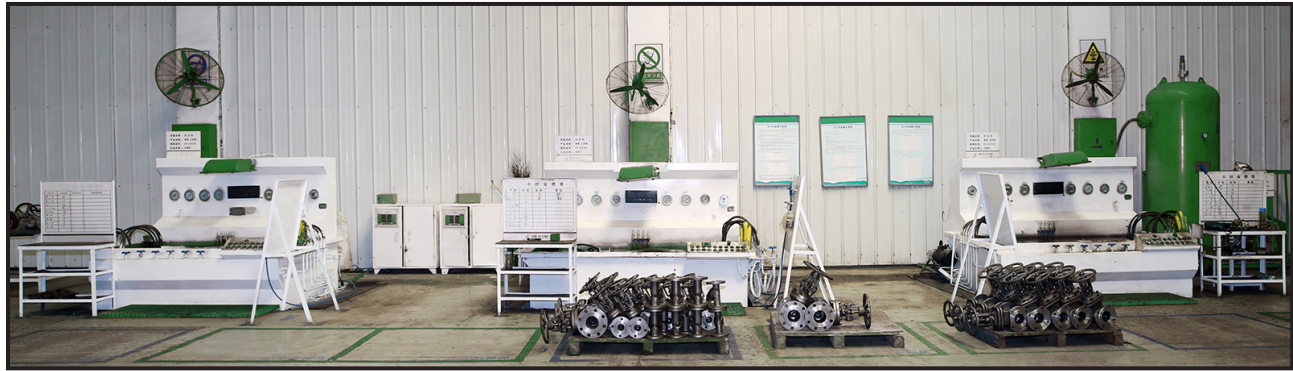
For Extraordinary Service, our trained professionals are ready to provide immediate answers to your inquiries. 4E strives to quote within the hour of receiving large inquiries via email, fax or any means of communication.

For Expediant Delivery, 4E dispatches valves from stock within 24 hours after placement of order.

For Extensive Inventory, 4E maintains a significant inventory of valves in Houston, TX and our products are available from 4E distributors and agents in the the United States, North America and overseas.

4EXCELLENT
4EXTRAORDINARY
4EXPEDIENT
4EXTENSIVE

**4E Cast Iron Valve Brochure
2020-10**



4E factory pressure testing

4E Quality Commitment

Our commitment to quality does not end at our factories where all 4E valves are tested in accordance with API 598. 4E scrutinizes material test reports and maintains an MTR Data Base System. Furthermore, 4E valves are randomly selected periodically to undergo full non-destructive and destructive testing in accordance with ASTM A703 and API 598 at an independent laboratory to insure product integrity.

All 4E Manufactured Valves Come with General Liability Coverage.

Order 4E Products by Figure Number

FIG.

TYPE	PRESSURE	BODY MATERIAL	(Description)	TRIM	(END CONNECTION	SUFFIX LETTERS Optional	PIECE
1 = GATE OSY 2 = GLOBE OSY 3 = SWING CHECK 4 = BALL 5 = LIFT CHECK 6 = NRS GATE 7 = ANGLE 8 = THRU 9 = KNIFE B = BUTTERFLY	1 = 150 2 = 125 3 = 300 4 = 400 5 = 250 6 = 600 8 = 800 9 = 900 15 = 1500 20 = 2000 25 = 2500 30 = 3000 45 = 4500 50 = 5000	WCB = A216 Gr WCB AC5 = A217 Gr C5 WC6 = A217 Gr WC6 LCB = A352 Gr LCB LC3 = A352 Gr LC3 CF8 = A351 Gr CF8 C8M = A351 Gr CF8M FGO = A105 FG5 = A182 Gr F5 LF2 = A350 Gr LF2 F11 = A182 Gr F11 F04 = A182 Gr 304 F16 = A182 Gr 316 CFE = A126 Gr B DF3 = A395 DF5 = A536 BRZ = B61 B62 ZZZ = SPECIAL	- CAST CARBON STEEL - CAST ALLOY STEEL (5Cr.0.5Mo) - CAST ALLOY STEEL (1.25Cr.0.5Mo) - CAST LOW TEMP. CARBON STEEL - CAST LOW TEMP. 3.5 Ni STEEL - CAST 304 STAINLESS STEEL - CAST 316 - FORGED CARBON STEEL - FORGED ALLOY STEEL (5Cr.0.5Mo) - FORGED LOW TEMP CARBON STEEL - FORGED ALLOY STEEL - FORGED 304 STAINLESS STEEL - FORGED 316 STAINLESS STEEL - CAST IRON - CAST DUCTILE IRON - CAST DUCTILE IRON - BRONZE	1 = 410 2 = 304 3 = F310 4 = HARD 410 5 = HARDFACED 5a = HARDFACED 6 = 410 and CuNi 7 = 410 and HARD 410 8 = 410 and HARDFACED 8a = 410 and HARDFACED 9 = MONEL 10 = 316 11 = MONEL and HARDFACED 12 = 310 and HARDFACED 13 = ALLOY 20 14 = ALLOY 20 and HARDFACE 15 = 304 and HARDFACED 16 = 316 and HARDFACED 17 = 347 and HARDFACED 18 = ALLOY 20 and HARDFACED 19 = Bronze	(F = FLANGED J = RTJ B = BUTTWELD S = SOCKET WELD T = THREADED	FP = FULL PORT RP = REGULAR PORT FB = FLOATING BALL TM = TRUMON MOUNT FS = FIRE SAFE GO = GEAR OPERATOR PS = PPRESSURE SEAL WB = WELDED BONNET BP = BY PASS ST = SOCKET WELD X THREADED ZZ = SPECIAL	1P = 1 PIECE 2P = 2 PIECES



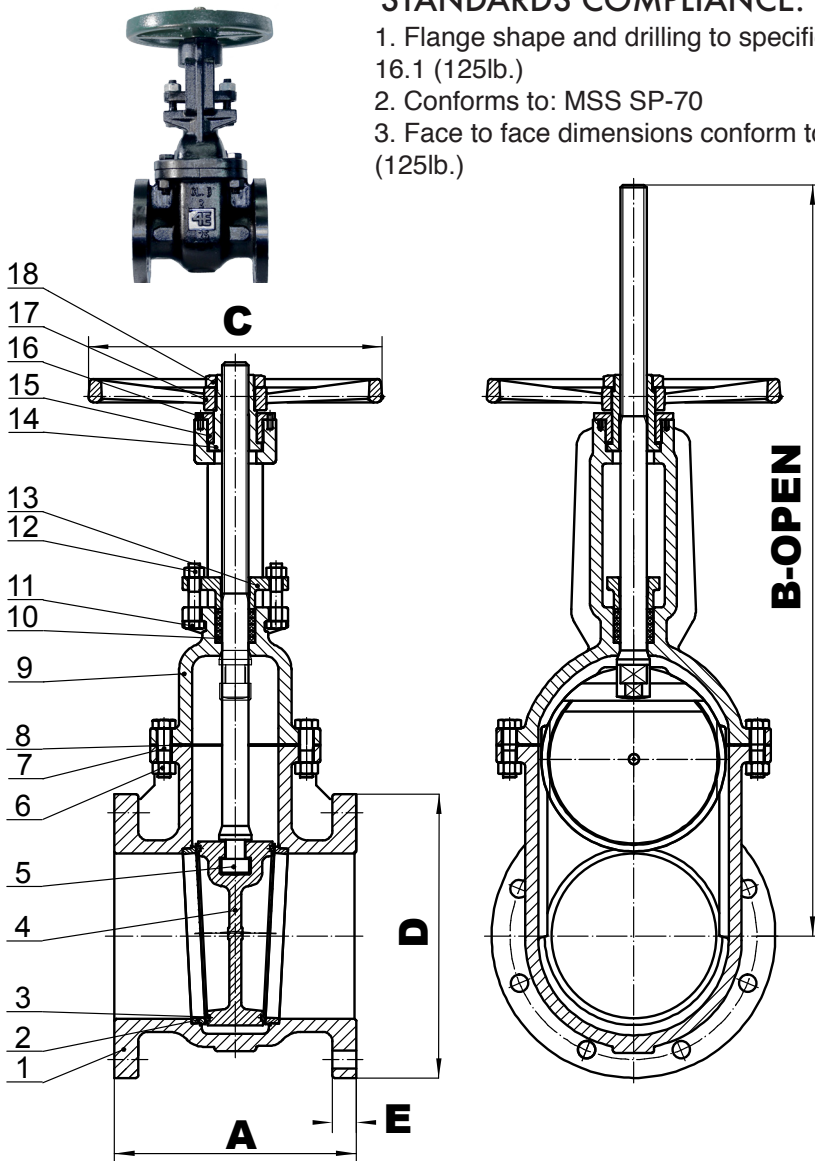
Class 125 OS&Y GATE VALVE

STANDARDS COMPLIANCE:

1. Flange shape and drilling to specifications ANSI B 16.1 (125lb.)
2. Conforms to: MSS SP-70
3. Face to face dimensions conform to ANSI B16.1 (125lb.)

FIG.# 12CFE5F

125 lb. SWP-200 lb,
WOG non-shock, OS&Y,
Solid Wedge Disc, Bolted
Bonnet, Gland Packed,
Flanged Ends



MATERIAL LIST

No.	Part Name	Material
1.	Body	ASTM A126 B
2.	Body Sealing	ASTM B 62
3.	Disc Sealing	ASTM B 62
4.	Disc	ASTM A126 B
5.	Stem	ASTM B 16
6.	Nut	ASTM A 563A
7.	Bolt	ASTM A 307 B
8.	Gasket	08+Flexible Graphite
9.	Bonnet	ASTM A126 B
10.	Packing	Flexible Graphite
11.	Bolt	ASTM A 307 B
12.	Nut	ASTM A 563 A
13.	Packing Gland	ASTM A536 65-45-12
14.	Stem Nut	ASTM B 62
15.	Lock Nut	ASTM A536 65-45-12
16.	Bolt	35
17.	Handwheel	ASTM A 536 65-45-12
18.	Handwheel Nut	Q235

NOTE: 1. 2"-3" Disc Material: ASTM A356 65-45-12
2. Available with iron trim
3. Weight are approximate and detail of construction are subject to change without notice.

DIMENSION & WEIGHT

SIZE	unit	2"	2-2/1"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"
A	inch	7	7.5	8	9	10	10.5	11.5	13	14	15	16	17	18	20	24	36
	mm	178	191	203	229	254	267	292	330	356	381	406	432	457	508	610	711
B-OPEN	inch	14.75	16.06	17.38	21.44	25.81	30.31	37.75	49.41	56.81	64.88	75.25	82.00	90.62	105.38	134	160
	mm	375	408	441	545	656	770	959	1255	1442	1648	1911	2083	2302	2677	3404	4064
C	inch	8	8	8	10	10	12	14	18	18	20	22	22	24	30	36	42
	mm	203	203	203	254	254	305	356	457	457	508	559	559	610	762	914	1067
D	inch	6	7	7.5	9	10	11	13.5	16	19	20.98	23.5	25	27.52	32.01	38.75	46
	mm	152.4	177.8	190.5	228.6	254	279.4	342.9	406.4	482.6	532.9	596.9	635	699.01	813.1	984	1168
E	inch	0.62	0.69	0.75	0.94	0.94	1	1.12	1.19	1.25	1.38	1.44	1.56	1.69	1.88	2.13	2.38
	mm	15.75	17.53	19.05	23.88	23.88	25.4	28.45	30.23	31.75	35.05	36.58	39.62	42.93	47.75	54	60
Weight	LBS	35	44	55	88	108	139	242	258	524	1093	1425	1738	2085	3183	4800	8700
	Kgs.	16	20	25	40	49	63	110	117	238	496	647	789	946	1445	2177	3946

Class 125 NRS GATE VALVE

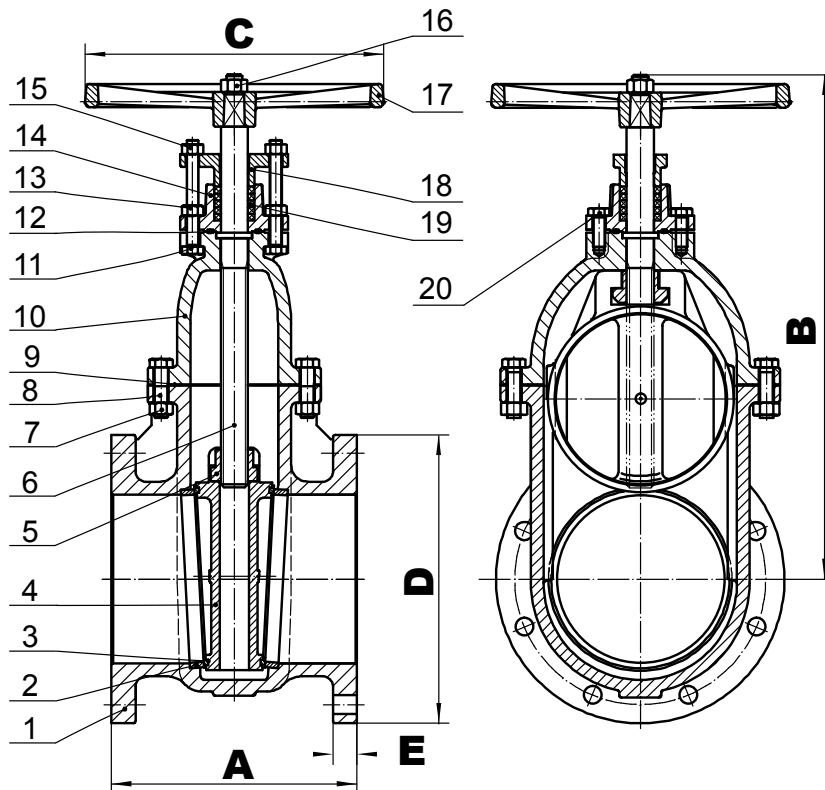


STANDARDS COMPLIANCE:

1. Flange shape and drilling to specifications ANSI B 16.1 (125lb.)
2. Conforms to: MSS SP-70
3. Face to face dimensions conform to ANSI B16.1 (125lb.)

FIG.# 62CFE5F

125 lb. SWP-200 lb, WOG non-shock, Non-Rising Stem, Solid Wedge Disc, Bolted Bonnet, Gland Packed, Flanged Ends



MATERIAL LIST

No.	Part Name	Material
1.	Body	ASTM A126 B
2.	Body Sealing	ASTM B 62
3.	Disc Sealing	ASTM B 62
4.	Disc	ASTM A126 B
5.	Stem Nut	ASTM B 62
6.	Stem	ASTM B 16
7.	Nut	ASTM A563 A
8.	Bolt	ASTM A307 B
9.	Gasket	08+Flexible Graphite
10.	Bonnet	ASTM A 126 B
11.	Bolt	ASTM A 307 B
12.	O-Ring	EPDM
13.	Nut	ASTM A 563 A
14.	Stuffing Box	ASTM A536 65-45-12
15.	Nut	ASTM A563 A
16.	Nut	ASTM A563 A
17.	Handwheel	ASTM A536 65-45-12
18.	Packing Gland	ASTM A536 65-45-12
19.	Packing	Flexible Graphite
20.	Bolt	ASTM A307 B

NOTE: 1. Weight are approximate and detail of construction are subject to change without notice.

DIMENSION & WEIGHT

SIZE	unit	2"	2-2/1"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"
A	inch	7	7.5	8	9	10	10.5	11.5	13	14	15	16	17	18	20	24	36
	mm	178	191	203	229	254	267	292	330	356	381	406	432	457	508	610	711
B	inch	11.31	12.40	13.25	16.31	18.00	20.69	24.12	33.00	36.50	40.50	48.00	50.75	56.12	64.00	84.25	92.13
	mm	287	315	337	414	457	526	613	838	927	1029	1219	1289	1426	1626	2140	2340
C	inch	8	8	8	10	10	12	14	18	18	20	22	22	24	30	36	42
	mm	203	203	203	254	254	305	356	457	457	508	559	559	610	762	914	1067
D	inch	6	7	7.5	9	10	11	13.5	16	19	20.98	23.5	25	27.52	32.01	38.75	46
	mm	152.4	177.8	190.5	228.6	254	279.4	342.9	406.4	482.6	532.9	596.9	635	699.01	813.1	984	1168
E	inch	0.62	0.69	0.75	0.94	0.94	1	1.12	1.19	1.25	1.38	1.44	1.56	1.69	1.88	2.13	2.38
	mm	15.75	17.53	19.05	23.88	23.88	25.4	28.45	30.23	31.75	35.05	36.58	39.62	42.93	47.75	54	60
Weight	LBS	33	44	53	86	108	139	233	392	524	968	1180	1701	2188	3150	4800	8700
	Kgs.	15	20	24	39	49	63	106	178	238	440	535	772	993	1432	2177	3946



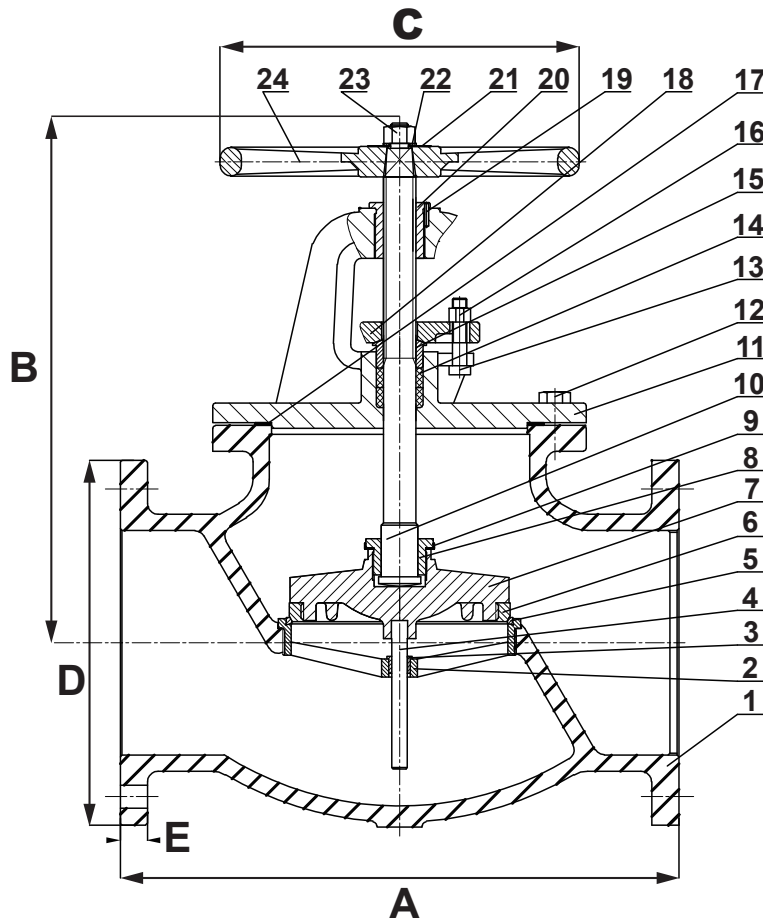
Class 125 GLOBE & ANGLE VALVE

STANDARDS COMPLIANCE:

1. Flange shape and drilling to specifications ANSI B 16.1 (125lb.)
2. Conforms to: MSS SP-85
3. Face to face dimensions conform to ANSI B16.1 (125lb.)

FIG.# 22CFE5F

125 lb. SWP-200 lb, WOG non-shock,
Solid Disc, Bolted Bonnet, Gland Packed,
Flanged Ends



MATERIAL LIST

No.	Part Name	Material
1.	Body	ASTM A126 B
2.	Seat	ASTM A126 B
3.	Gland Guide	ASTM B16
4.	Stem Guide	ASTM B16
5.	Seat Ring	ASTM B62
6.	Disc Ring	ASTM B62
7.	Disc	ASTM A126 B
8.	Swivel Nut	ASTM B584
9.	Stopper Ring	ASTM B16
10.	Stem	ASTM B16
11.	Bonnet	ASTM A126 B
12.	Bolts	ASTM A307 B
13.	Bolts	ASTM A307 B
14.	Packing	Graphite Non Asbestos
15.	Packing Gland	ASTM B584
16.	Nuts	ASTM A307 B
17.	Body Gasket	Graphite Non Asbestos
18.	Gland Follower	ASTM A536 65-45-12
19.	Screws	ASTM A307 B
20.	Stem Nut	ASTM B62
21.	Name Plate	AL Commercial
22.	Washer	ASTM A307 B
23.	Handwheel Nut	ASTM A307 B
24.	Handwheel	ASTM A126 B

NOTE: 1. Sizes through 4" have bronze ASTM B 62 disc. 5" through 12" have iron disc with bronze disc face rings and brass pilots.
2. Weights are approximate and detail of construction are subject to change without notice.

DIMENSION & WEIGHT

SIZE	unit	2"	2-2/1"	3"	4"	5"	6"	8"	10"	12"
A	inch	8	8.5	9.5	11.5	13	14	19.5	24.5	27.5
	mm	203	216	241	292	330	356	495.3	622	698.5
B	inch	10.19	11.81	12.5	15.81	16.5	18.87	21.13	25.19	28.88
	mm	256	300	318	402	419	479	537	640	733
C	inch	7	7	8	10	12	12	13.69	16	18
	mm	178	178	200	254	300	300	348	406	457
D	inch	6	7	7.5	9	10	11	13.5	16	19
	mm	152.4	177.8	190.5	228.6	254	279.4	342.9	406.4	482.6
E	inch	0.63	0.69	0.75	0.94	0.94	1	1.13	1.19	1.25
	mm	15.9	18	19	23.88	23.88	25	28.6	30.2	32
Weight	LBS	43	47.4	57.3	90.4	133.4	191.8	310.9	480.6	630.5
	Kgs.	19.5	21.5	26	41	60.5	87	141	218	286

Class 125 SWING CHECK VALVE

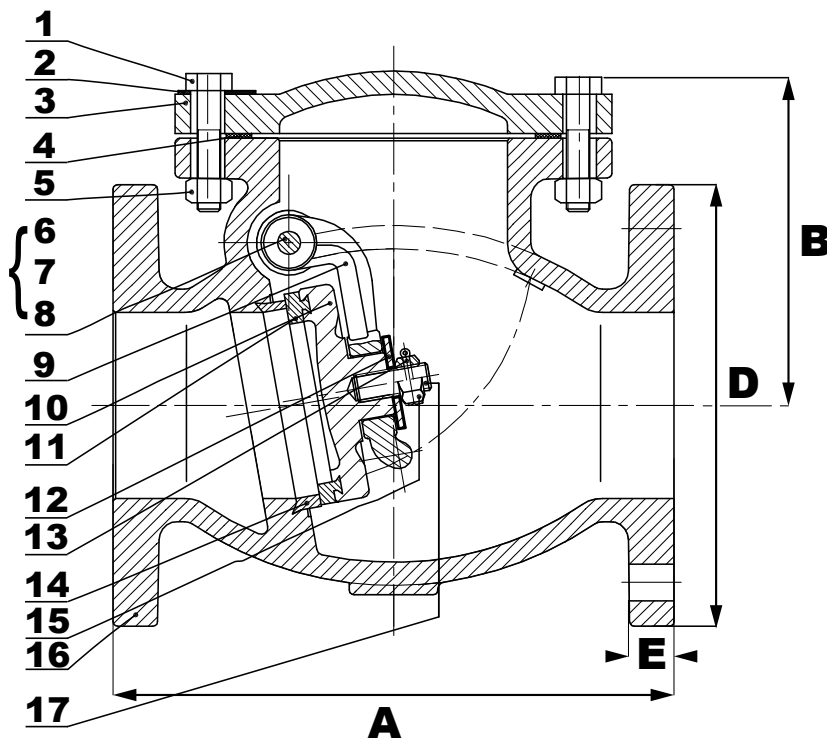
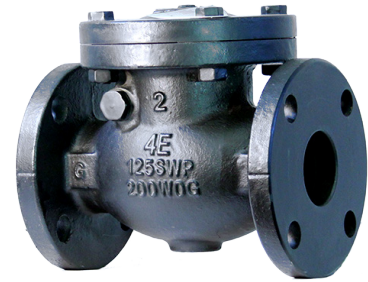


FIG.# 32CFE5F

125 lb. SWP-200 lb, WOG non-shock,
Bolted Bonnet, Flanged Ends

STANDARDS COMPLIANCE:

1. Flange shape and drilling to specifications ANSI B 16.1 (125lb.)
2. Conforms to: MSS SP-71
3. Face to face dimensions conform to ANSI B16.1 (125lb.)



MATERIAL LIST

No.	Part Name	Material
1.	Bolts	ASTM A307 B
2.	Name Plate	AL Commercial
3.	Bonnet	ASTM A126 B
4.	Body Gasket	Graphite Non Asbestos
5.	Nuts	ASTM A307 B
6.	Hinge Pin Plug	ASTM B16
7.	Gasket	PTFE Non Asbestos
8.	Hinge Pin	ASTM B16
9.	Hinge	ASTM A536 65-45-12
10.	Disc	ASTM A126 B
11.	Disc Ring	ASTM B62
12.	Washer	ASTM A307 B
13.	Split Pin	ASTM 420 S42000
14.	Seat Ring	ASTM B62
15.	Nuts	ASTM A307 B
16.	Body	ASTM A126 B
17.	Bolt	ASTM A126 B

NOTE: 1. Weights are approximate and detail of construction are subject to change without notice.

DIMENSION & WEIGHT

SIZE	unit	2"	2-2/1"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A	inch	8	8.5	9.5	11.5	13	14	19.5	24.5	27.5	31	36	36	40	48
	mm	203	216	241	292	330	356	495	622	698	787	914	914	1016	1219
B	inch	4.44	5.25	5.63	6.41	7.75	8.34	10.13	11.75	13	15.75	19.38	19.88	20.75	30.25
	mm	113	133	143	163	197	212	257	298	330	400	492	505	527	741.1
D	inch	6	7	7.5	9	10	11	13.5	16	19	20	23	25	27.5	32
	mm	152	178	190	228.6	254	280	343	406	483	533	597	635	699	813
E	inch	0.63	0.69	0.75	0.94	0.94	1	1.18	1.22	1.25	1.38	1.44	1.56	1.68	1.87
	mm	15.9	17.5	19	23.8	23.8	25.4	30	31	31.8	35	36.6	39.7	42.9	47.6
Weight	LBS	25.4	38.1	46.3	79.4	121.3	156	266.8	432.1	639.3	870.8	1146.4	1329.4	1891.6	2866
	Kgs.	11.5	17.3	21	36	55	71	121	196	290	395	520	603	858	1300

WARRANTY

LIMITED WARRANTY: 1. 4Evergeen Valve warrants to the original purchaser, for a period of one year from and after the date of delivery to the original customer, that its products will be free from defects in workmanship and materials, not caused or resulting from improper usage or application, improper installation, improper maintenance, repair, modification or alteration. In the event the original purchase shall determine that a product purchased from 4E is defective in workmanship or materials, the customer shall notify the 4E Warranty Representative within 24 hours from such determination, followed by written notice to such effect within 7 days therefrom, addressed to: 4EVERGREEN VALVE CO., P.O. BOX 721109, HOUSTON, TX 77272-1109.

2. In the event 4E shall determine that the product is defective based upon such examination of the product which 4E may deem appropriate, 4E shall thereupon, at its sole option, cause the defective product to be (a) repaired, (b) replaced with a substantially identical product, or (c) accept the return of a defective product and refund the purchasing price to the original purchaser, but shall in no event bear any installation, reinstallation, engineering or other costs incurred in connection with repair or replacement.

3. Since 4E shall not provide engineering and/or suitability of application or installation services for a purchaser, the selection, suitability, installation and fitness of all products sold by 4E shall be deemed to have been determined exclusively by and within the resulting from the selection, application, suitability, fitness or installation of its products.

4. The foregoing constitutes the sole obligation of 4E with respect to defective products purchased from it and in no manner shall 4E assume or be liable for any other expenses, incidental or consequential damages, losses, lost profits, downtime or otherwise, whether directly or indirectly suffered, or in any other manner relating to or as the result of any defect or failure of any product that it may sell.

5. Except as otherwise provided herein, 4E MAKES NO WARRANTIES OR REPRESENTATION, WHETHER EXPRESS OR IMPLIED, OF ANY KIND WHATSOEVER WITH RESPECT TO GOODS AND PRODUCTS SOLD BY IT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES WITH RESPECT TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO PERSON IS AUTHORIZED TO GRANT OR EXTEND ANY WARRANTY OR REPRESENTATION ON BEHALF OF 4E OTHER THAN AS SET FORTH HEREIN.



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