

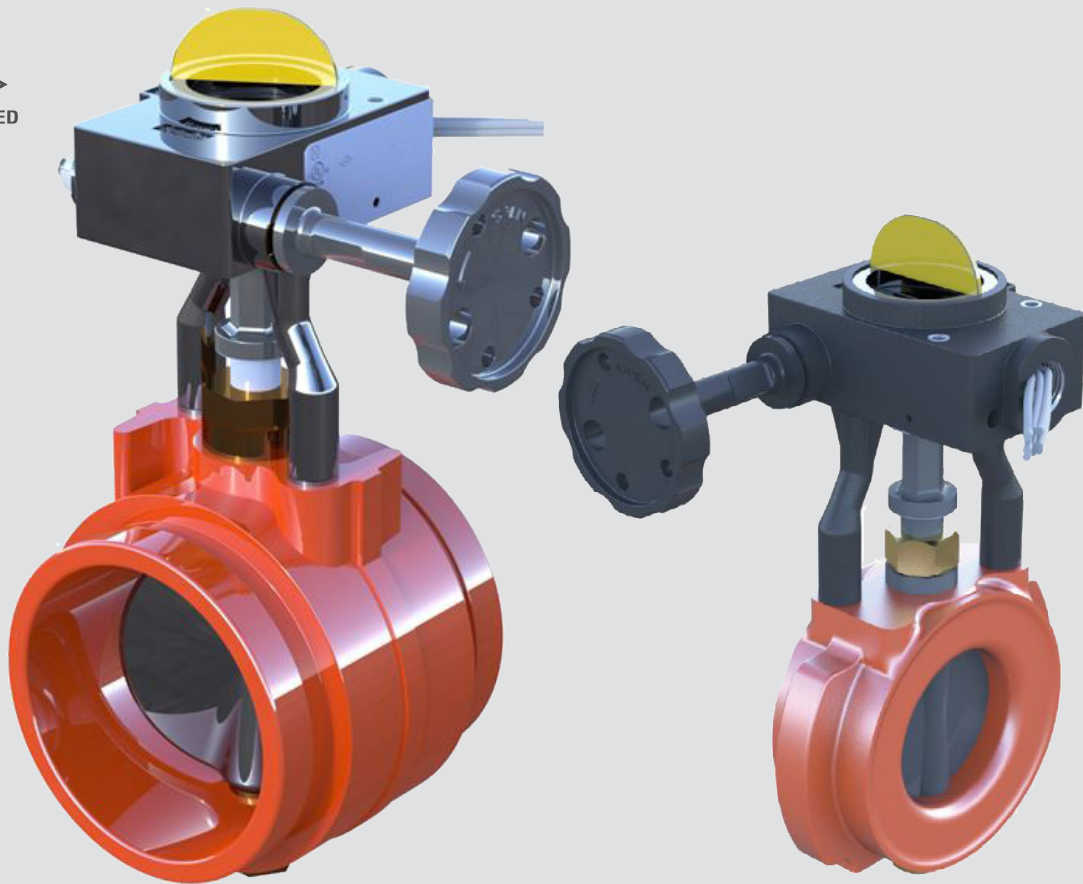
Building connections that last™



Kennedy Valve® UL/FM Butterfly Valves

Grooved & Wafer

Designed for the Fire
Protection Industry





KENNEDY VALVE



Fire Protection Butterfly Valves General Dimensions

Note: Sizes 2-1/2", 3", 4", 6", and 8". 300 PSI Rated.

Double Seal design for bubble tight shut off.

Outdoor Rated. C.S.F.M. Listed. Lightweight.

Corrosion resistant, fusion bonded coating.

Low torque operation. Easy to read flag type indicator.

END CONNECTIONS	STYLE	SIZE RANGE	FIGURE	PAGE
Groove x Groove	Normally Closed	2-1/2" - 6"	G300C	2
Groove x Groove	Normally Open, Extended Body	2-1/2" - 6"	G300E	3
Groove x Groove	Normally Open, Extended Body	8"	02G	3
Groove x Groove	Normally Closed, Extended Body	2-1/2" - 6"	G300EC	3
Wafer	Normally Open	2-1/2" - 6"	W300	4
Wafer	Normally Open	8"	01W	4
Wafer	Normally Closed	2-1/2" - 6"	W300C	4

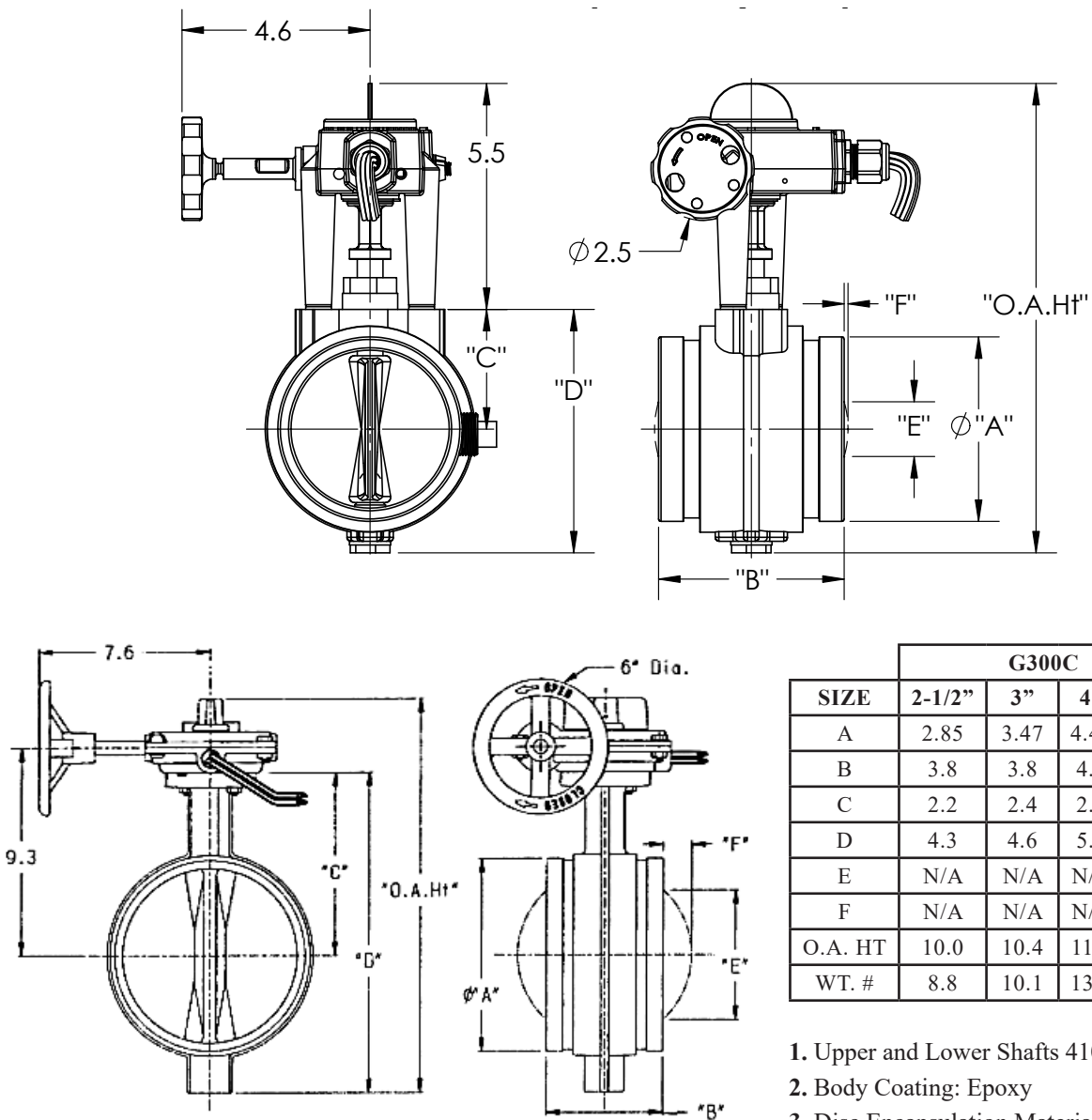


KENNEDY VALVE



2-1/2"-6" Butterfly Valve with Supervisory Tamper Switch Grooved End, Normally Closed Operation General Dimensions

Fig. G300C



1. Upper and Lower Shafts 410SS/416SS
 2. Body Coating: Epoxy
 3. Disc Encapsulation Material: EPDM
- Note:** "E" is MINIMUM allowed pipe I.D.
Exercise care handling and installing.



KENNEDY VALVE



2-1/2"-8" Butterfly Valve Extended Body with Supervisory Tamper Switch Grooved End General Dimensions

Fig. G300E (2-1/2"-6", Normally Open, UL Listed, FM Approved)

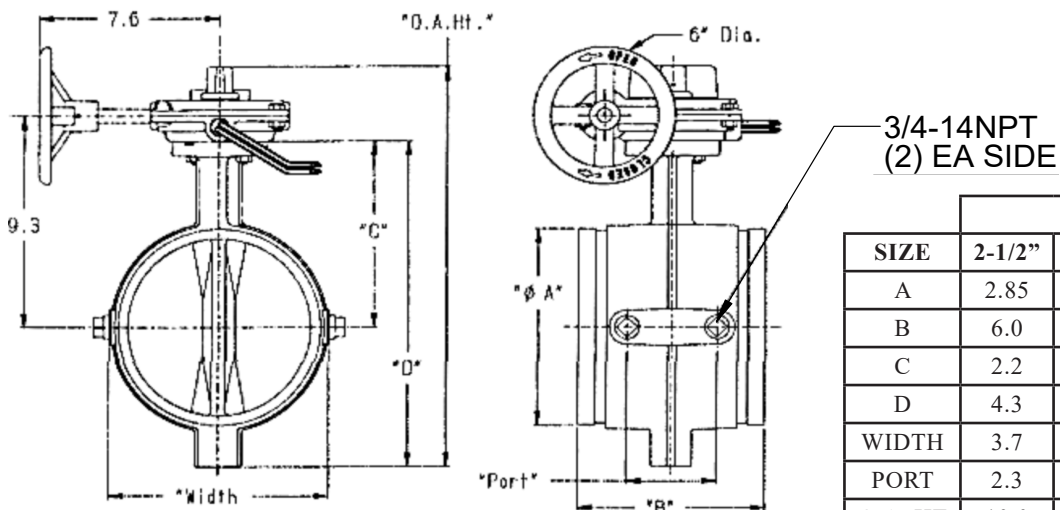
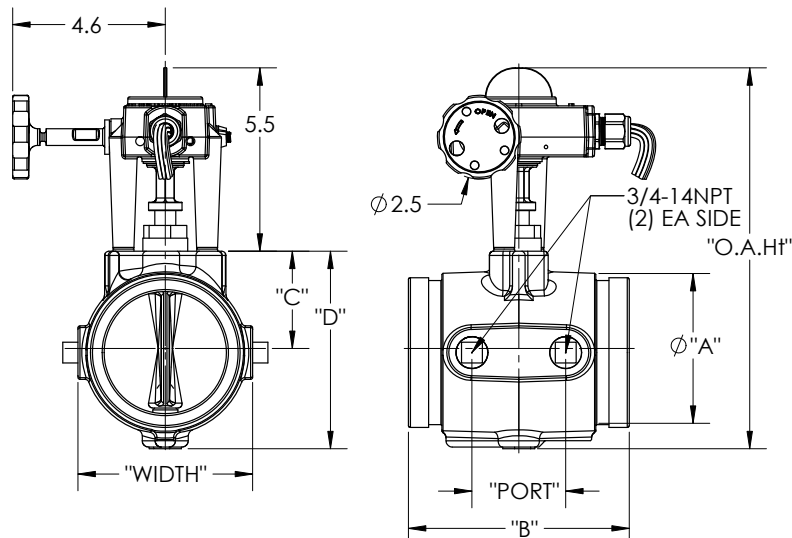
Fig. G300EC (2-1/2"-6", Normally Closed, UL Listed, FM Approved)

Fig. 02G (8", Normally Open, UL Listed)

Note: Extended Length valves equipped with four 3/4" NPT Ports

Wetted Components NSF Certified 2-1/2"-8"

4" to 8" sizes have been approved by the Foundation for Cross Connection Control and Hydraulic Research at the University of Southern California



Note: Disc does not protrude past the "B" dimension of the body on any size in the open position. Exercise care handling and during installation.

	G300E				02G
SIZE	2-1/2"	3"	4"	6"	8"
A	2.85	3.47	4.47	6.61	8.6
B	6.0	6.3	6.6	6.9	7.9
C	2.2	2.4	2.9	4.0	8.2
D	4.3	4.8	5.9	8.1	14.3
WIDTH	3.7	4.2	5.2	7.4	9.3
PORT	2.3	2.6	2.8	3.1	2.3
O.A. HT	10.0	10.4	11.6	13.6	17.6
WT. #	12.5	14.5	16	28	55

1. Upper and Lower Shafts 410SS/416SS
2. Body Coating: Epoxy
3. Disc Encapsulation Material: EPDM



KENNEDY VALVE

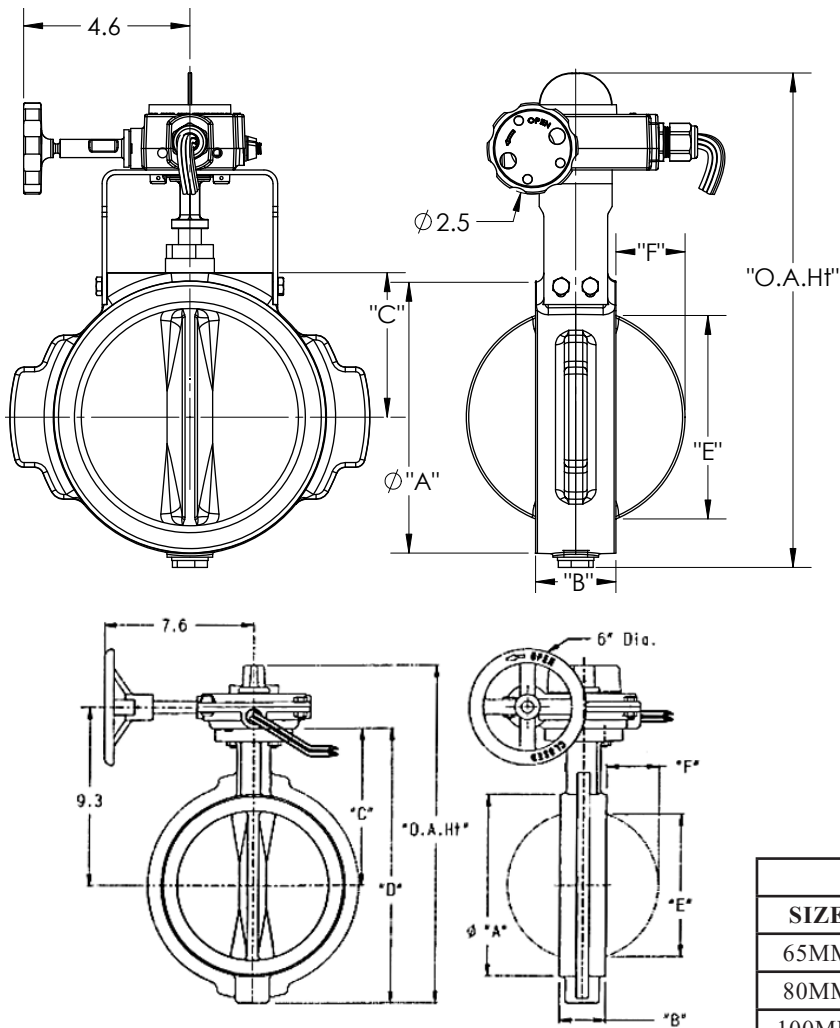


2-1/2"-8" Butterfly Valve with Supervisory Tamper Switch Wafer End General Dimensions

Fig. W300 (2-1/2"-6", Normally Open, UL Listed, FM Approved)

Fig. W300C (2-1/2"-6", Normally Closed, UL Listed, FM Approved)

Fig. 02W (8", Normally Open, UL Listed)



Valve Selection for ISO PN16 Flange	
FLANGE SIZE	KV MODEL
65MM	2-1/2" W300
80MM	3" W300I
100MM	4" W300I
150MM	6" W300I

SIZE	W300 & W300I				01W
	2-1/2"	3"	4"	6"	8"
A	4.2	4.4	5.3	7.5	9.5
B	1.8	1.8	2.0	2.2	2.4
C	2.2	2.4	2.9	4.0	8.2
D	4.3	4.8	5.9	8.1	14.3
E	1.7	4.2	3.3	5.6	9.3
F	.4	.6	.9	1.9	2.7
O.A. HT	10.0	10.4	11.6	13.8	17.6
WT. #	10.5	11.1	13.8	20.5	44

1. Upper and Lower Shafts 410SS/416SS
2. Body Coating: Epoxy
3. Disc Encapsulation Material: EPDM

Wafer Bolting					
SIZE	2-1/2"	3"	4"	6"	8"
65MM	4	4	8	8	8
80MM	5/8	5/8	5/8	3/4	3/4
100MM	5.5	5.5	6.5	7	7.5
150MM	30	30	30	40	50

Note: Dimensions B, D, and E are referenced in Installation Instructions
 "E" is MINIMUM allowed pipe I.D.
 Exercise care handling and installing.



KENNEDY VALVE



Fire Protection Butterfly Valves Installation Instructions

Fig. G300C, Fig. G300E, Fig. G300EC, Fig. W300, Fig. W300E, Fig. W300C, Fig. W300EC, Fig. W300I, Fig. 01G, Fig. 02G, and Fig. 01W

Note: Information shown here is intended to supplement, not replace, instructions that are shipped with each valve. Dimensional information regarding minimum pipe I.D. and disc protrusion are shown on dimensional page for particular valve. Exercise care in handling during assembly.

Grooved Body

Follow the latest grooved coupling manufacturer installation procedure for IPS dimension grooved couplings per ANSI/AWWA C606.

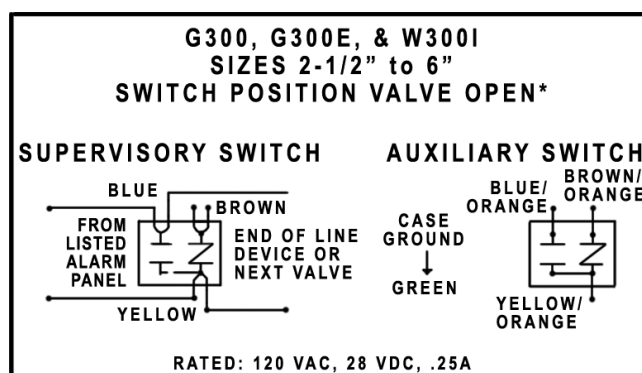
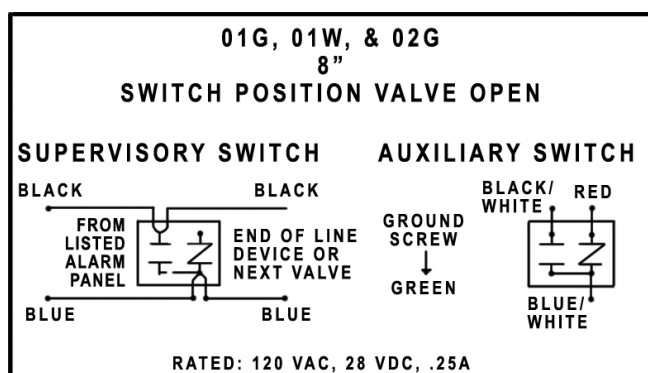
Wafer Body

For installation between two ANSI B16.1, 125lb. flanges. See valve dimensional information for minimum pipe I.D. (dimension E).

1. Two flanged mating pieces should be placed at a distance apart that is slightly more than the thickness of the body (dimension B on Wafer table).
2. A minimum of 2 studs shall be placed through adjacent flange holes so that the lower trunnion of the valve can fit between them. Normally this is the bottom 2 holes if the valves will be vertical with open / closed indicator on top.
3. Place the valve between the flanges, taking care to not disturb the body gaskets.
4. Place remaining studs around the valve and tighten using an alternating pattern until desired torque is reached.
5. Included gaskets are not required when installing with grooved flange adapters.

Switch Wiring

1. Valve has internal switches that operate from the OPEN position. Normally Closed valves are an option (Fig. W300C, Fig. G300C, and G300EC), and operate from CLOSED position.
2. One switch has dual leads that is for connection to the SUPERVISORY circuit of an alarm panel. The other switch has single leads and is intended to be connected to the AUXILIARY equipment.
3. Tuck unused leads into junction box (not provided).
4. Always comply with the building codes, local codes and NFPA 13, 71 and 72.



About ASC Engineered Solutions

ASC Engineered Solutions is defined by quality—in its products, services and support. With more than 1,400 employees, the company's portfolio of precision-engineered piping support, valves and connections provides products to more than 4,000 customers across industries, such as mechanical, industrial, fire protection, oil and gas, and commercial and residential construction. Its portfolio of leading brands includes ABZ Valve®, AFCON®, Anvil®, Anvil EPS, Anvil Services, Basic-PSA, Beck®, Catawissa, Cooplet®, FlexHead®, FPPI®, Gruvlok®, J.B. Smith, Merit®, North Alabama Pipe, Quadrant®, SCI®, Sharpe®, SlideLOK®, SPF® and SprinkFLEX®. With headquarters in Commerce, CA, and Exeter, NH, ASC also has ISO 9001:2015 certified production facilities in PA, TN, IL, TX, AL, LA, KS, and RI.



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