



Pneumatic Actuated High Performance Carbon Steel Wafer Butterfly Valve

- Double Offset Butterfly
- Carbon Steel Body
- PN16 and ANSI 150 Flanges
- Spring Return and Double Acting
- – 52°C to +260°C

Description

Our Pneumatically Operated Wafer Pattern Double Offset Butterfly Valve is designed to handle a wide range of conditions and media such as corrosive chemicals, water, gases, acids, alkalis, hydrocarbons plus many other fluids. Suitable for temperatures up to 260°C and available to fit between PN16 and ANSI150 drillings. Body in Carbon Steel, St St Disc and RTFE + Silicone Seats.

Fitted with a powerful pneumatic, single or double acting actuator.



Description

A high performance wafer pattern double offset butterfly valve offering zero leakage shut-off. This unique valve delivers the highest quality and value available for meeting today's demanding requirements. Temperatures range from -62°F to 500°F (-52°C to 260°C). Available in Wafer and Lugged in Carbon and stainless steel bodies. Fitted onto Spring Fail or Double Acting Pneumatic Actuators.



Beschreibung

Ein Hochleistungs-Doppel-Offset-Absperrventil mit Wafermuster, das eine leckagefreie Absperrung bietet. Dieses einzigartige Ventil bietet die höchste Qualität und den besten Wert, um den heutigen hohen Anforderungen gerecht zu werden. Die Temperaturen liegen zwischen -52 ° C und 260 ° C. Erhältlich in den Ausführungen Wafer und Lugged in Carbon und Edelstahl. Wird an federversagenden oder doppeltwirkenden pneumatischen Antrieben montiert.



Descripción

Una válvula de mariposa de doble desplazamiento con patrón de oblea de alto rendimiento que ofrece un cierre de cero fugas. Esta válvula única ofrece la más alta calidad y valor disponible para cumplir con los exigentes requisitos actuales. Las temperaturas varían de -62 ° F a 500 ° F (-52 ° C a 260 ° C). Disponible en Wafer y Lugged en carbono y cuerpos de acero inoxidable. Montado sobre Spring Fail o actuadores neumáticos de doble efecto.

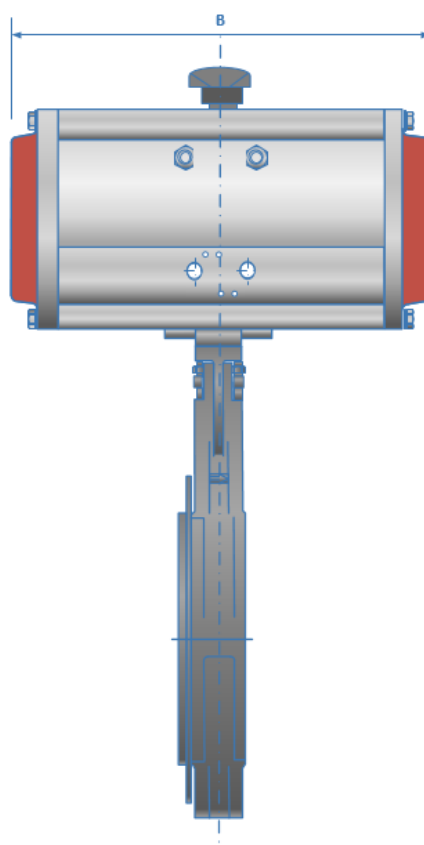
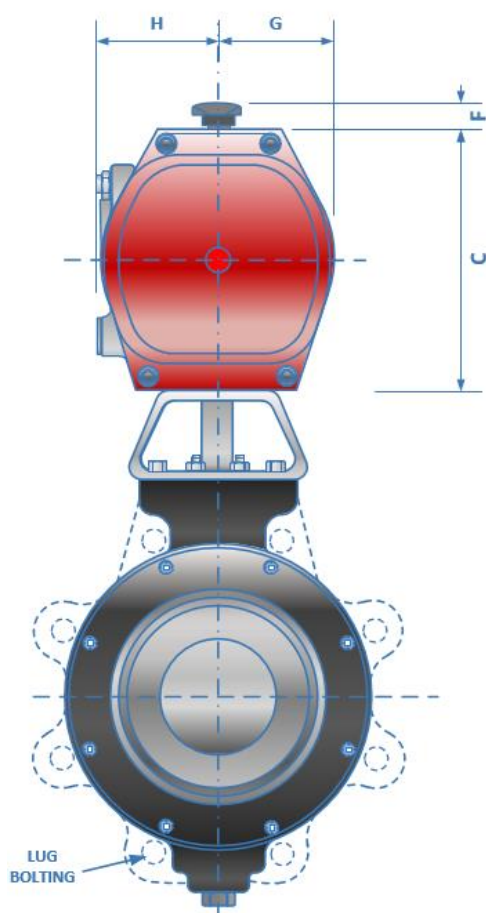


Description

Vanne papillon à double décalage de type plaquette haute performance offrant une fermeture sans fuite. Cette valve unique offre la plus haute qualité et valeur disponible pour répondre aux exigences les plus exigeantes d'aujourd'hui. Les températures varient de -62 ° F à 500 ° F (-52 ° C à 260 ° C). Disponible en Wafer et Lugged en carbone et corps en acier inoxydable. Monté sur des actionneurs pneumatiques à rupture de ressort ou à double effet.

Bray
SERIES 40

BRAY SERIES 40 / 41



**Valve Dimensions
can be found on
Valve Dimensions
for both PN and
ANSI**

Spring Return Dimensions

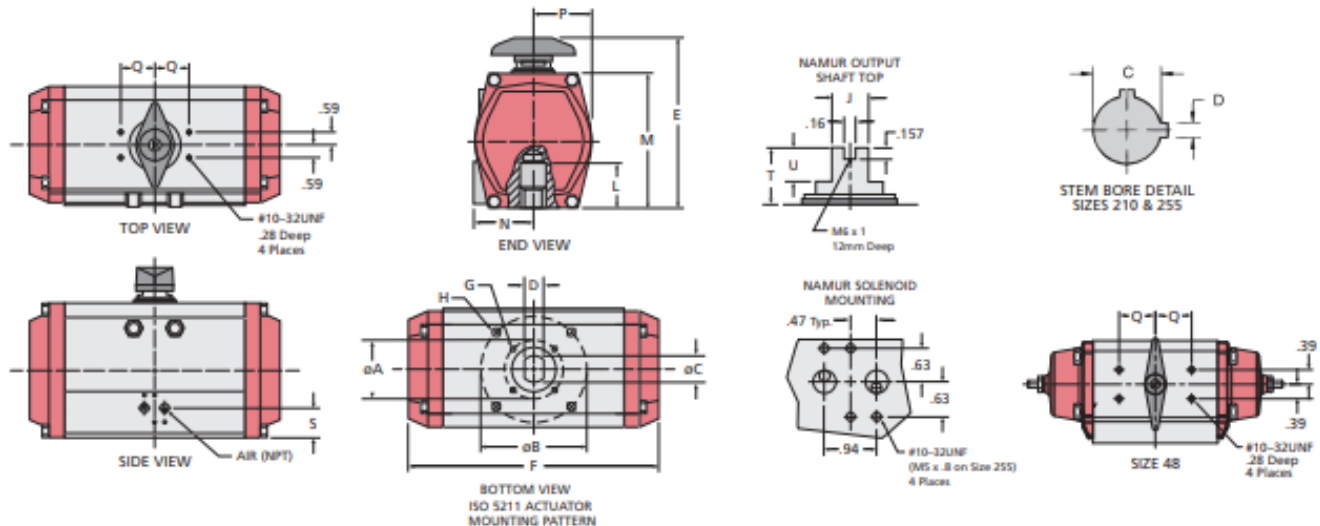
SIZE		B	C	F	G	H	Actuator Size	Wafer Weight (kg)	Lugged Weight (kg)
2 1/2"	65	188	108	30	45	58	93/83	10	10
3"	80	218	117	39	50	63	93/93	12	12
4"	100	315	140	45	60	71	93/119	19	20
5"	125	313	161	44	69	73	93/128	25	28
6"	150	313	161	44	69	73	93/128	28	34
8"	200	395	198	40	86	96	93/160	45	48
10"	250	497	258	37	112	116	93/210	86	93
12"	300	731	306	37	137	137	93/255	152	158

Double Acting Dimensions

SIZE		B	C	F	G	H	Actuator Size	Wafer Weight (kg)	Lugged Weight (kg)
2 1/2"	65	188	108	30	58	45	92/83	9	9
3"	80	188	108	30	58	45	92/83	10	13
4"	100	188	108	30	58	45	92/83	12	12
5"	125	315	140	45	71	60	92/119	20	23
6"	150	315	140	45	71	60	92/119	23	29
8"	200	315	140	45	71	60	92/119	29	32
10"	250	395	198	40	96	86	92/160	54	61
12"	300	497	258	37	116	112	92/210	91	97



S92 Double Acting/S93 Spring Return



IMPERIAL DIMENSIONS - Inches

Size	48	63	83	93	119	128	160*	210	255†
Air NPT	1/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
A ISO "F"†	1.42 - F 03	1.97 - F 05	1.97 - F 05	1.97 - F 05	2.76 - F 07	2.76 - F 07	—	4.92 - F 12	6.50 - F 16
B ISO "F"†	1.97 - F 05	2.76 - F 07	2.76 - F 07	2.76 - F 07	4.92 - F 12	4.92 - F 12	4.92 - F 12	6.50 - F 16	7.87x4.72 Rect.
C	.55	.55	.75	.75	1.18	1.18	1.18	1.97	2.50
D	.40	.40	.51	.51	.87	.87	.87	.47	.62
E	3.88	4.53	5.43	5.78	7.28	8.09	9.36	11.62	13.49
F	4.38	5.58	7.40	9.10	12.40	12.81	15.54	19.57	28.78
G (UNC)	#10-32 x .23	1/4-20 x .32	1/4-20 x .32	1/4-20 x .32	5/16-18 x .46	5/16-18 x .46	—	1/2-13 x .78	M20 x 2.5 x 30mm
H (UNC)	1/4-20 x .25	5/16-18 x .40	5/16-18 x .40	5/16-18 x .40	1/2-13 x .69	1/2-13 x .69	1/2-13 x .75	5/8-11 x 1.11	M20 x 2.5 x 30mm
J	.38	.38	.50	.50	1.12	1.12	1.12	1.12	1.12
L	1.38	1.38	1.46	1.46	2.20	2.20	2.20	4.72	6.50
M	2.50	3.46	4.27	4.61	5.52	6.32	7.80	10.16	12.06
N	1.60	1.72	2.28	2.47	2.78	2.88	3.78	4.56	5.40
P	1.18	1.38	1.79	1.97	2.37	2.70	3.39	4.41	5.39
Q	.98**	1.58	1.58	1.58	1.58	1.58	2.56	2.56	2.56
S	1.25	.89	1.26	1.32	1.64	1.64	2.26	2.45	2.48
T	1.10**	.79	.79	.79	.79	.79	1.18	1.18	1.18
U	.47	.47	.47	.47	.47	.47	.75	.75	.75

Note: Double Acting and Spring Return actuators have the same overall dimensions. The double acting unit of the size 48 actuator is optionally available with flat end caps with an F dimension of 4.00
† ISO "F" means mounting flange-drilling pattern.

* Dimensions for Size 160A in table. Size 160B (keyed stem version) has a C dimension of 1.38 and D dimension of .39

† Dimensions for Size 255A in table. Size 255B actuator has a C dimension of 3.00 and D dimension of .75

** Size 48 has a Q dimension of 1.58 and a T dimension of .79 with use of NAMUR top plate.

WEIGHTS - lbs - Spring Return unit weights are with full set of springs on each piston.

Size	48	63	83	93	119	128	160	210	255
Double Acting	2.0	3.4	6.3	8.5	16.9	21.0	38.8	77.8	167.0
Spring Return	2.4	4.10	8.1	10.8	22.3	27.6	53.2	109.6	210.8



** Size 48 has a Q dimensions of 40mm and a T dimension of 20mm with use of NAMUR top plate.

Size	48	63	83	93	119	128	160	210	255
Double Acting	0.9	1.5	3	4	8	10	18	35	76
Spring Return	1.1	1.9	4	5	10	13	24	50	96