

Catalogue

Butterfly valve



Butterfly valve

Features and Benefits

- P&E offers 3 handle options to meet customers requests
- Expanded size range - up to 6 inch
- Field serviceable
- 100% tested and inspected
- Seats meet FDA requirements

Technical Data

- Max product pressure: 145 PSI
- Recommended temperature range: 15°-200°F
- Maximum short time sterilization temperature: 266°F(EDPM)
266°F(Silicone)
284°F(Viton)
- All wetted surfaces are sanitary finished to $\leq 32\text{Ra}$

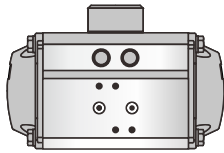
Material Data

- Material Types: AISI 304 or AISI 316L
- Size Range: 1"-6"
- Product handle type: 4-position & 12-position
- Seat Materials: Silicone, EPDM, Viton®
- End Connections: Clamp & Weld - other connections available upon request.

Specification

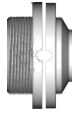
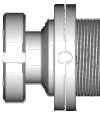
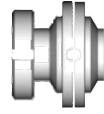
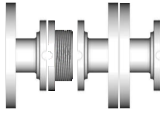
Modular system

S = Welded end
 G = Male
 K/M = Liner / nut
 FI = Flange
 CI = Clamp

pneumatical			
PDA 90/85 Ø 85	PDA 90/114 Ø 114	PDA 90/133 Ø 133	SC/DR
			

manually operated			
hand lever Blue type A.	hand lever Black type A.	hand lever Blue type B.	hand lever Black type B.
			
hand lever Blue type C.	hand lever stainless steel A	hand lever stainless steel B	hand lever stainless steel
			

connection flanges					
S	G	K/M	FI	CI	intermediate flange S
					

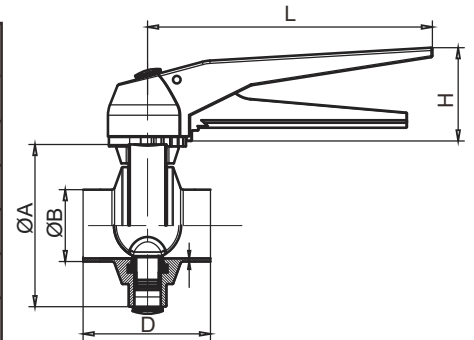
connection Type					
S – S	G – S	G – G	K/M – G	K/M – S	FI (PN10) – G FI – FI (PN10)
					
CI – CI	Intermediate – butterfly valve				
		S – S			

seals			
Silicone	EPDM	FKM	HNBR
			

Valve dimensions

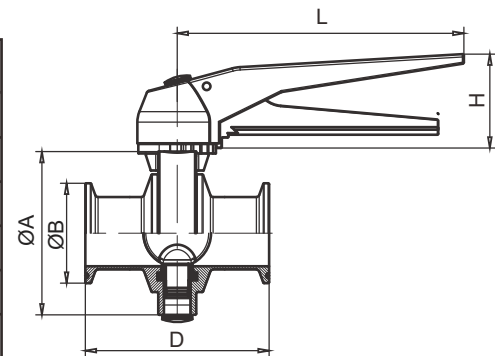
Weld Butterfly Valve

No.	Size	A	B	D	L	H
BFV-A25RW06E	1"	3.071	1.000	1.969	5.709	2.165
BFV-A40RW06E	1 1/2"	3.386	1.500	1.969	5.709	2.165
BFV-A50RW06E	2"	3.937	2.000	2.047	5.709	2.165
BFV-A65RW06E	2 1/2"	4.528	2.500	2.205	5.709	2.165
BFV-A80RW06E	3"	5.040	3.000	2.283	5.709	2.165
BFV-A100RW06E	4"	6.063	4.000	2.520	5.709	2.165



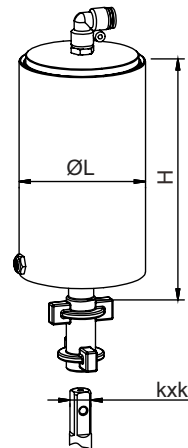
Clamp Butterfly Valve

No.	Size	A	B	D	L	H
BFV-A25RW06E	1"	3.071	1.988	2.598	5.709	2.165
BFV-A40RW06E	1 1/2"	3.386	1.988	2.756	5.709	2.165
BFV-A50RW06E	2"	3.937	2.519	2.992	5.709	2.165
BFV-A65RW06E	2 1/2"	4.528	3.051	3.150	5.709	2.165
BFV-A80RW06E	3"	5.040	3.582	3.307	5.709	2.165
BFV-A100RW06E	4"	6.063	4.685	4.094	5.709	2.165



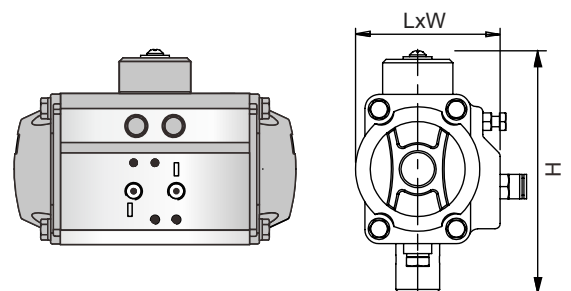
Stainless steel Pneumatic Actuator

Size	L	H	kxk
1/2"-2"	3.35	6.75	0.31x0.31
2 1/2"-4 1/2"	3.35	6.75	0.39x0.39
5"-6"	4.49	8.31	0.47x0.47
8"	5.24	11.61	0.63x0.63



Aluminum Pneumatic Actuator (Single acting/Double acting)

Size	H	LxW
1/2"-1 1/4"	4.61	5.53x2.38
1 1/2"-2 1/2"	5.24	6.24x3.27
3"-4"	5.91	8.29x3.72
5"-6"	7.36	9.74x4.17
8"	8.94	9.74x4.17



Identification

Standard design

ASME BPE	AB
ASTM A270	AA
SMS	S
ISO2037	I
BS4825	B
AS1528	AS
ASTM A249	A1
ASTM A269	A2
ASTM A554	A3

Wall thickness

1.0	T10
1.2	T12
1.5	T15
1.65	T16
2.0	T20
2.11	T21
2.77	T27
3.05	T30
3.4	T34
其他	TX

Size Range

0.5"	050
0.75"	075
1.0"	100
1.25"	125
1.5"	150
2.0"	200
2.5"	250
3.0"	300
4.0"	400
6.0"	600
8.0"	800
10.0"	1000
12.0"	1200
其他	X

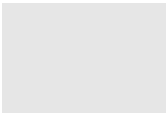
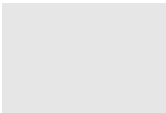
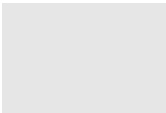
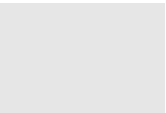
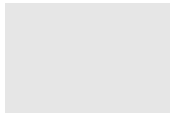
Material

304	N1
304L	N2
316	N3
316L	N4
其他	NX

Surface Finish

酸洗	G1
内外镜面	G2
内外哑光	G3
外哑光内镜面	G4
其他	GX

Selective coding paradigm



Standard design

Size Range

Wall thickness

Material

Surface Finish