

Versaline stainless steel butterfly valves



Applications:

- The Versaline Butterfly valve is available for manual operation or with a vertical actuator.
- The standard seal is EPDM with the option of VITON.
- Plain ended and RJT connections available ex-stock.
- CE Marked, spares available, full traceability.

Operating Conditions:

- Integral locking device for use with padlock.
- Up to 10 Bar working pressure.
- Mirror Polished Spindle as standard.
- Notch plate allows easy conversion from 2 position on/off operation to 5 position flow control operation.

Ordering information:

- Choice of EPDM, VITON, NBR, SILICON seals
- Plain Ended, RJT, IDF, Clamp, SMS connections available. (plain ended and RJT male ended, Tri-clamp available ex stock).
- Manual handle or Vertical actuator operation.

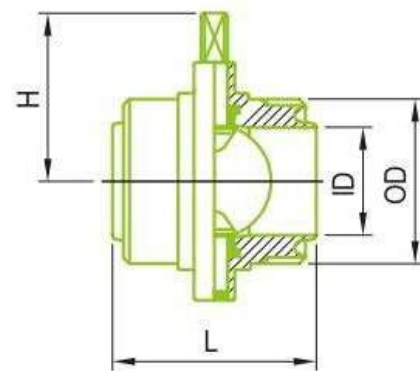
For all technical information see chart on following pages (Product codes are bold).

SIZE	CONNECTION	CONNECTION	CONNECTION	CONNECTION	CONNECTION	CONNECTION
1"	RJT VBR10/89	IDF VBI10/89	CLAMP VBC10/89	SMS VBSA10/89	DIN VBD10/89	PLAIN VBP10/89
1.5"	RJT VBR15/89	IDF VBI15/89	CLAMP VBC15/89	SMS VBSA15/89	DIN VBD15/89	PLAIN VBP15/89
2"	RJT VBR20/89	IDF VBI20/89	CLAMP VBC20/89	SMS VBSA20/89	DIN VBD20/89	PLAIN VBP20/89
2.5"	RJT VBR25/89	IDF VB25/89	CLAMP VBC25/89	SMS VBSA25/89	DIN VBD25/89	PLAIN VBP25/89
3"	RJT VBR30/89	IDF VBI30/89	CLAMP VBC30/89	SMS VBSA30/89	DIN VBD30/89	PLAIN VBP30/89
4"	RJT VBR40/89	IDF VBI40/89	CLAMP VBC40/89	SMS VBSA40/89	DIN VBD40/89	PLAIN VBP40/89

Face to Face dimensions

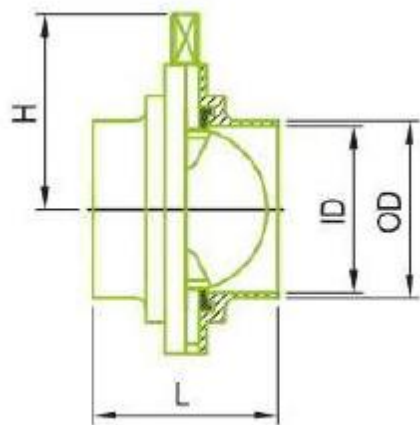
Connection: RJT (Approximate values only)

SIZE	ID (MM)	OD (MM)	L (MM)	H (MM)
1"	22.3	25.5	70	61
1.5"	34.9	38.1	80	64.3
2"	47.5	50.8	80	74.3
2.5"	60.3	63.5	80	77.6
3"	73.0	76.2	80	84.8
4"	98.4	101.6	90	101.7



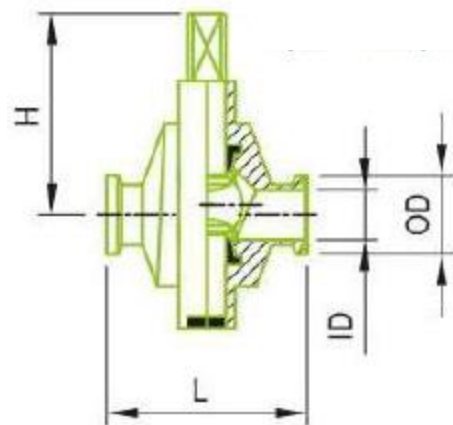
Connection: Plain (Approximate values only)

SIZE	ID (MM)	OD (MM)	L (MM)	H (MM)
1"	22.3	25.5	52	61
1.5"	34.9	38.1	52	64.3
2"	47.5	50.8	54	74.3
2.5"	60.3	63.5	56	77.6
3"	73.0	76.2	60	84.8
4"	98.4	101.6	72	101.7



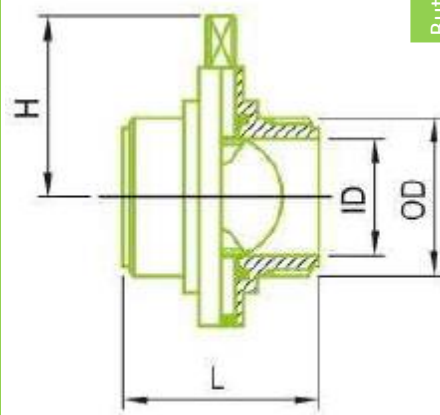
Connection: Clamp (Approximate values only)

SIZE	ID (MM)	OD (MM)	L (MM)	H (MM)
1"	22.3	25.5	90	61
1.5"	34.9	38.1	90	64.3
2"	47.6	50.8	95	74.3
2.5"	60.3	63.5	97	77.6
3"	73.0	76.2	103	84.8
4"	98.4	101.6	103	101.7



Connection: IDF (Approximate values only)

SIZE	ID (MM)	OD (MM)	L (MM)	H (MM)
1"	22.3	25.5	96	61
1.5"	34.9	38.1	96	64.3
2"	47.6	50.8	100	74.3
2.5"	60.3	63.5	100	77.6
3"	73.0	76.2	126	84.8
4"	98.4	101.6	130	101.7



Connection: DIN (Approximate values only)

SIZE	ID (MM)	OD (MM)	L (MM)	H (MM)
1"	22.3	25.5	110	61
1.5"	34.9	38.1	120	64.3
2"	47.6	50.8	124	74.3
2.5"	60.3	63.5	100	77.6
3"	73.0	76.2	164	84.8
4"	98.4	101.6	180	101.7

Connection: SMS (Approximate values only)

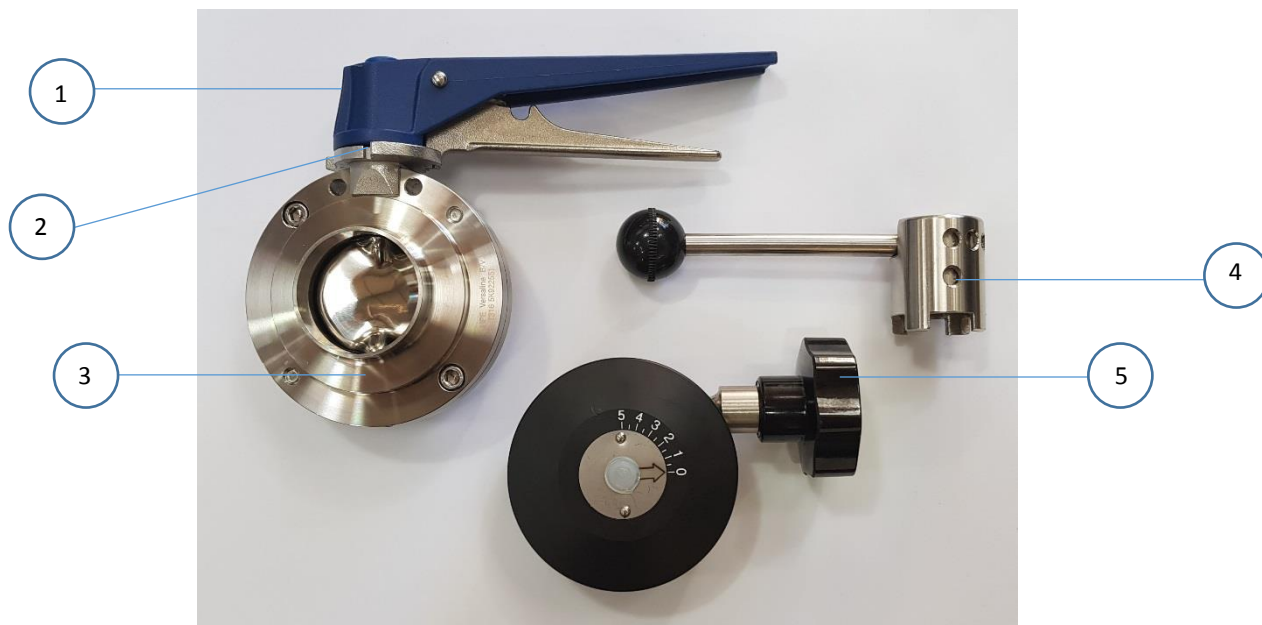
SIZE	ID (MM)	OD (MM)	L (MM)	H (MM)
1"	22.3	25.5	96	61
1.5"	34.9	38.1	96	64.3
2"	47.6	50.8	100	74.3
2.5"	60.3	63.5	100	77.6
3"	73.0	76.2	126	84.8
4"	98.4	101.6	130	101.7

Versaline butterfly valve handle options



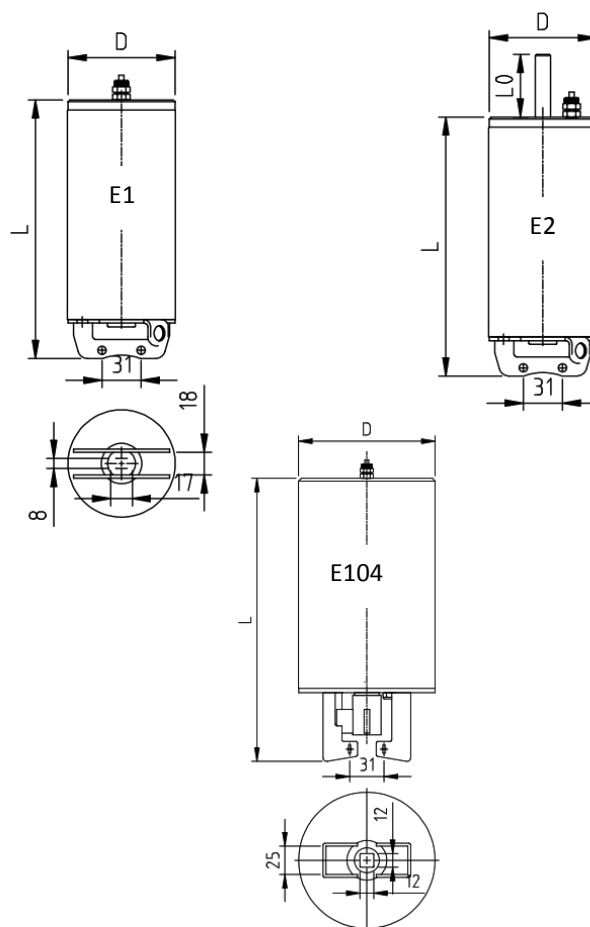
- ① **Integral locking device for use with padlock**
- ② **Notch plate allows easy conversion from 2 position on/off operation to 5 position flow control operation**
- ③ **Low cost Versaline E valve is suitable for use at up to 10 bar pressure for most applications**
The optional forged Versaline F valve is 15 bar rated
Optional ATEX approval on Versaline F valve for use in category 2, Zone 1 areas
Disc is mirror polished as standard
Choice of EPDM or Viton seals
Full traceability
- ④ **Optional stainless steel 'pull' lever for positive shut off**
- ⑤ **Or REMI Micrometric flow control handle**

Versaline butterfly valve handle options



Versaline butterfly valve technical data

Code	Valve Size	Torque Figure
VBACT1/89/E1	1"	15
VBACT1/89/E1	1.5"	15
VBACT1/89/E1	2"	15
VBACT1/89/E1	2.5"	20
VBACT1/89/E1	3"	25
VBACT4/89E104	4"	30



Valve Technical Data

		Nominal valve size					
		1"	1.5"	2"	2.5"	3"	4"
Materials	Wetted steel parts	316L stainless steel					
	Finish	Semi-bright					
	Other steel parts	304 stainless steel					
	Seal	EPDM standard, Viton option					
Technical Data	Max product pressure	10 BAR					
	Min product pressure	Full vacuum					
	Temperature range	-10°C to +95°C					
	Connection type	Plain end, RJT, IDF					
	Max torque open & close (Nm)	15Nm	15Nm	15Nm	20Nm	25Nm	30Nm

Actuator Technical Data

	Actuator Model		
	E1	E2 (with solenoid and 2 x proximity switch)	E104
Actuator body	304		
Piston	POM		
Seal	NBR		
Dimension D	85mm		120mm
Dimension L	205mm		250mm
Dimension L0	N/A	50.5	N/A
Weight	3.85Kg		4.7Kg
To suit valve	1" to 3"		4"
Shut off speed	1.5 Sec		1.7 Sec
Max air pressure	7 Bar		
Min air pressure NC and NO	5 Bar		
Temperature range	-10°C to +95°C		
Air consumption - free air (L)	0.24 x P (Bar)		0.55 x P (Bar)
Signal transfer	M12 screw proximity switch (PNP or NPN)	M12 screw proximity switch (PNP or NPN or control box)	M12 screw proximity switch