

Features

- Long-Life, maintenance-free pneumatic actuator
- Valve body forged with 316L or 304L stainless steel
- Special sealing ring desing, with out residual fluid with an European EHEDG Hygienic desing Certification
- Product stability and safety are certified by European CE
- More than 100.000 times of safety test
- Visual signs can clearly show the current position of the valve
- The height of the drive support of the manual butterfly valve can be customized according to customer requirements
- Install device feedback signal according to customer's requirements



Technical data

Operating Temperature

EPDM: - 40 ~ 130 °C
VITON: - 20 ~ 200 °C
SILICON: - 60 ~ 230 °C

Ambient Temperature

- 10 ~ 95 °C

Pneumatic Pressure

6±1 bar

Body Material

1.4404(316L),1.4307(304L) EN10088,forging

Bushing Material

PVDF

Other Parts

1.4301(304) EN10088

Connections

Butt-Weld, Clamp,Flange,Thread,3A,DIN,ISO,GB

Size

DN25-DN200

Surface treatment

Outer Surface Ra≤2,4μm / Inner Surface Ra≤0,8μm

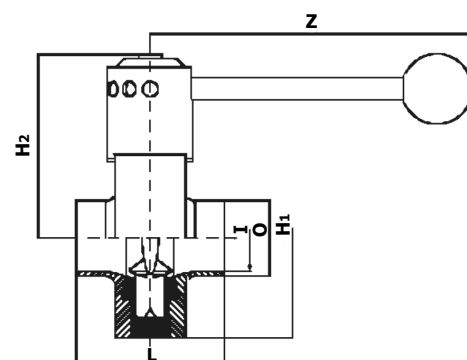
Certifications

EHEDG,CE,TS

Butterfly Valves

With welding ends
and pull handle

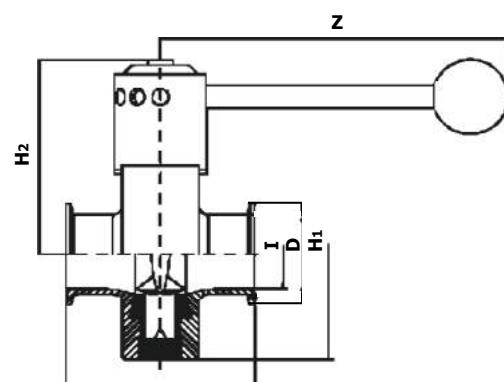
Nominal Size In.	L±0,5	O	I	H ₁	H ₂	Z	Ordering Code
1,0"	50	25,4	22,1	67	72	134	V025WF0 - 010 Ω - A * **
1,5"	50	38,1	34,8	77	78	134	V038WF0 - 010 Ω - A * **
2,0"	50	50,8	47,5	90	83	134	V051WF0 - 010 Ω - A * **
2,5"	50	63,5	60,2	105	92	134	V063WF0 - 010 Ω - A * **
3,0"	50	76,2	72,9	115	97	134	V076WF0 - 010 Ω - A * **
4,0"	60	101,6	97,6	140	109	134	V100WF0 - 010 Ω - A * **
6,0"	78	152,4	146,8	218	172	319	V150WF0 - 010 Ω - A * **
8,0"	100	203,2	197,6	276	201	319	V200WF0 - 010 Ω - A * **



Butterfly Valves

With clamp ends
and pull handle

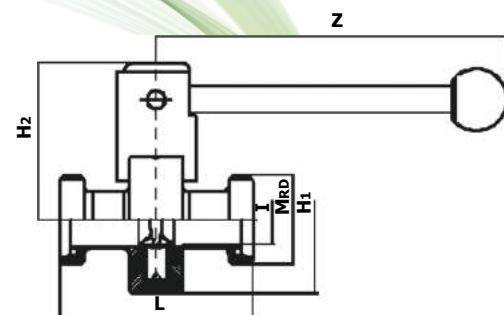
Nominal Size In.	L±0,5	D	I	H ₁	H ₂	Z	Ordering Code
1,0"	75,4	50,4	22,1	67	72	134	V025CF0 - 010 Ω - A * **
1,5"	75,4	50,4	34,8	77	78	134	V038CF0 - 010 Ω - A * **
2,0"	75,4	63,9	47,5	90	83	134	V051CF0 - 010 Ω - A * **
2,5"	75,4	77,5	60,2	105	92	134	V063CF0 - 010 Ω - A * **
3,0"	75,4	90,9	72,9	115	97	134	V076CF0 - 010 Ω - A * **
4,0"	91,6	118,9	97,6	140	109	134	V100CF0 - 010 Ω - A * **
6,0"	116,1	152,4	146,8	218	172	319	V150CF0 - 010 Ω - A * **
8,0"	144,4	203,2	197,6	276	201	319	V200CF0 - 010 Ω - A * **



Butterfly Valves

With male ends
and pull handle

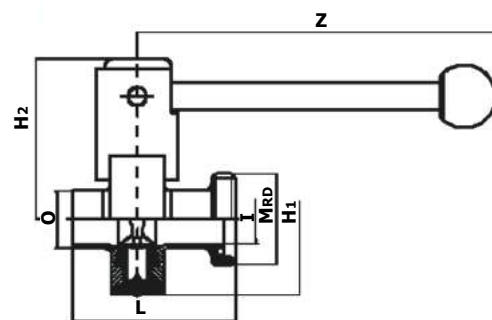
Nominal Size In.	L±0,5	I	H ₁	H ₂	Z	M _{RD}	Ordering Code
1,0"	80	22,1	67	72	134	Rd 40X1/6	V025MF0 - 010 Ω - A * **
1,5"	90	34,8	77	78	134	Rd 60X1/6	V038MF0 - 010 Ω - A * **
2,0"	90	47,5	90	83	134	Rd 70X1/6	V051MF0 - 010 Ω - A * **
2,5"	98	60,2	105	92	134	Rd 85X1/6	V063MF0 - 010 Ω - A * **
3,0"	98	72,9	115	97	134	Rd 98X1/6	V076MF0 - 010 Ω - A * **
4,0"	110	97,6	140	109	134	Rd 125X1/6	V100MF0 - 010 Ω - A * **



Butterfly Valves

With welding/male ends
and pull handle

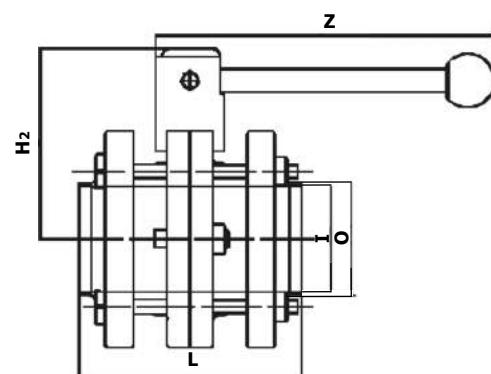
Nominal Size In.	L±0,5	O	I	H ₁	H ₂	Z	M _{RD}	Ordering Code
1,0"	65	25,4	22,1	67	72	134	Rd 40X1/6	V025WMF0 - 010 Ω - A * **
1,5"	70	38,1	34,8	77	78	134	Rd 60X1/6	V038WMF0 - 010 Ω - A * **
2,0"	70	50,8	47,5	90	83	134	Rd 70X1/6	V051WMF0 - 010 Ω - A * **
2,5"	74	63,5	60,2	105	92	134	Rd 85X1/6	V063WMF0 - 010 Ω - A * **
3,0"	74	76,2	72,9	115	97	134	Rd 98X1/6	V076WMF0 - 010 Ω - A * **
4,0"	95	101,6	97,6	140	109	134	Rd 125X1/6	V100WMF0 - 010 Ω - A * **



Butterfly Valves

Three-piece
with pull handle

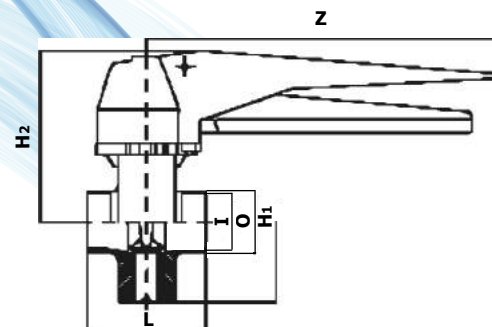
Nominal Size In.	L±0,5	o	I	H ₂	Z	Ordering Code
1,0"	100	25,4	22,1	77	134	V025WF0 - 210 Ω - A * **
1,5"	100	38,1	34,8	82	134	V038WF0 - 210 Ω - A * **
2,0"	100	50,8	47,5	88	134	V051WF0 - 210 Ω - A * **
2,5"	100	63,5	60,2	98	134	V063WF0 - 210 Ω - A * **
3,0"	100	76,2	72,9	108	134	V076WF0 - 210 Ω - A * **
4,0"	100	101,6	97,6	115	134	V100WF0 - 210 Ω - A * **



Butterfly Valves

With welding ends
and manual handle

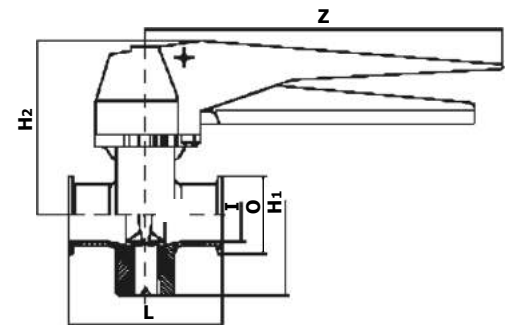
Nominal Size In.	L±0,5	O	I	H ₁	H ₂	Z	Ordering Code
1,0"	50	25,4	22,1	67	73	150	V025WF0 - 011 Ω - A * **
1,5"	50	38,1	34,8	77	79	150	V038WF0 - 011 Ω - A * **
2,0"	50	50,8	47,5	90	85	150	V051WF0 - 011 Ω - A * **
2,5"	50	63,5	60,2	105	93	150	V063WF0 - 011 Ω - A * **
3,0"	50	76,2	72,9	115	98	150	V076WF0 - 011 Ω - A * **
4,0"	60	101,6	97,6	140	110	150	V100WF0 - 011 Ω - A * **
6,0"	78	152,4	146,8	218	201	351	V076WF0 - 011 Ω - A * **
8,0"	100	203,2	197,6	276	230	351	V100WF0 - 011 Ω - A * **



Butterfly Valves

With clamp ends
and manual handle

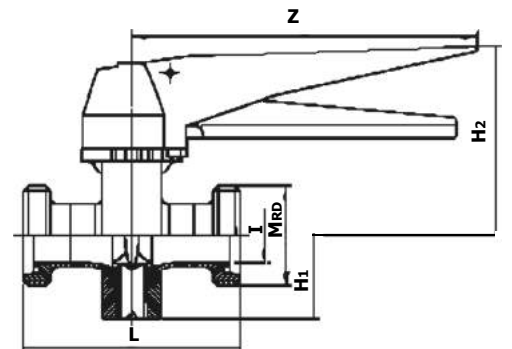
Nominal Size In.	L±0,5	O	I	H1	H2	Z	Ordering Code
1,0"	75,4	50,4	22,1	67	73	150	V025CF0 - 011 Ω - A * **
1,5"	75,4	50,4	34,8	77	79	150	V038CF0 - 011 Ω - A * **
2,0"	75,4	63,9	47,5	90	85	150	V051CF0 - 011 Ω - A * **
2,5"	75,4	77,5	60,2	105	93	150	V063CF0 - 011 Ω - A * **
3,0"	75,4	90,9	72,9	115	98	150	V076CF0 - 011 Ω - A * **
4,0"	91,6	118,9	97,6	140	110	150	V100CF0 - 011 Ω - A * **
6,0"	116,1	152,4	146,8	218	201	351	V076CF0 - 011 Ω - A * **
8,0"	144,4	203,2	197,6	276	230	351	V100CF0 - 011 Ω - A * **



Butterfly Valves

With male ends
and manual handle

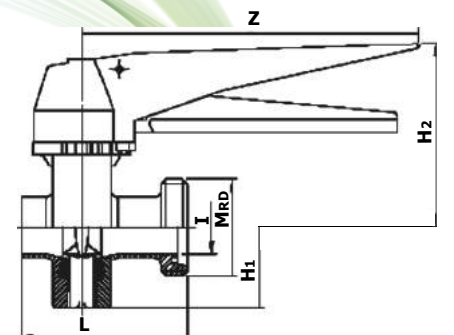
Nominal Size In.	L±0,5	I	H1	H2	Z	M _{RD}	Ordering Code
1,0"	80	22,1	67	73	150	Rd 40X1/6	V025MF0 - 011 Ω - A * **
1,5"	90	34,8	77	79	150	Rd 60X1/6	V038CF0 - 011 Ω - A * **
2,0"	90	47,5	90	85	150	Rd 70X1/6	V051MF0 - 011 Ω - A * **
2,5"	98	60,2	105	93	150	Rd 85X1/6	V063MF0 - 011 Ω - A * **
3,0"	98	72,9	115	98	150	Rd 98X1/6	V076MF0 - 011 Ω - A * **
4,0"	110	97,6	140	110	150	Rd 125X1/6	V100MF0 - 011 Ω - A * **



Butterfly Valves

With welding/male ends
and manual handle

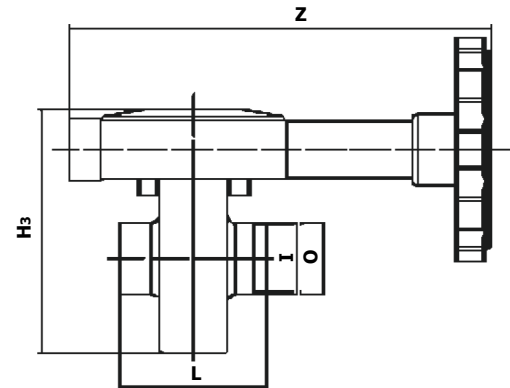
Nominal Size In.	L±0,5	O	I	H1	H2	Z	M _{RD}	Ordering Code
25	65	50,4	22,1	67	73	150	Rd 40X1/6	V025XF0 - 010 Ω - A * **
38	70	50,4	34,8	77	79	150	Rd 60X1/6	V038XF0 - 010 Ω - A * **
51	70	63,9	47,5	90	85	150	Rd 70X1/6	V051XF0 - 010 Ω - A * **
63	74	77,5	60,2	105	93	150	Rd 85X1/6	V063XF0 - 010 Ω - A * **
76	74	90,9	72,9	115	98	150	Rd 98X1/6	V076XF0 - 010 Ω - A * **
101,6	95	118,9	97,6	140	110	150	Rd 125X1/6	V100XF0 - 010 Ω - A * **



Butterfly Valves

With welding ends
& multiposition handle

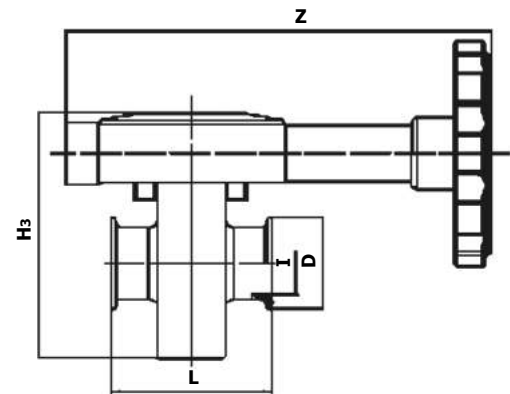
Nominal Size In.	L±0,5	O	I	H ₃	Z	Ordering Code
1,0"	50	25,4	22,1	86,87	149,5	V025WF0 - 012 Ω - A * **
1,5"	50	38,1	34,8	96,87	149,5	V038WF0 - 012 Ω - A * **
2,0"	50	50,8	47,5	109,5	149,5	V051WF0 - 012 Ω - A * **
2,5"	50	63,5	60,2	124,5	149,5	V063WF0 - 012 Ω - A * **
3,0"	50	76,2	72,9	134,5	149,5	V076WF0 - 012 Ω - A * **
4,0"	60	101,6	97,6	159,5	149,5	V100WF0 - 012 Ω - A * **



Butterfly Valves

With clamp ends
& multiposition handle

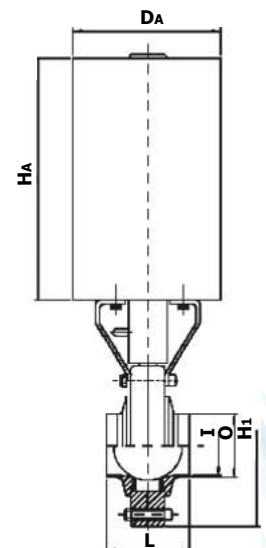
Nominal Size In.	L±0,5	D	I	H ₃	Z	Ordering Code
1,0"	75,4	50,4	22,1	86,87	149,5	V025CF0 - 012 Ω - A * **
1,5"	75,4	50,4	34,8	96,87	149,5	V038CF0 - 012 Ω - A * **
2,0"	75,4	63,9	47,5	109,5	149,5	V051CF0 - 012 Ω - A * **
2,5"	75,4	77,5	60,2	124,5	149,5	V063CF0 - 012 Ω - A * **
3,0"	75,4	90,9	72,9	134,5	149,5	V076CF0 - 012 Ω - A * **
4,0"	91,6	118,9	97,6	159,5	149,5	V100CF0 - 012 Ω - A * **



Pneumatic But. Valves

With welding ends
(Single action)

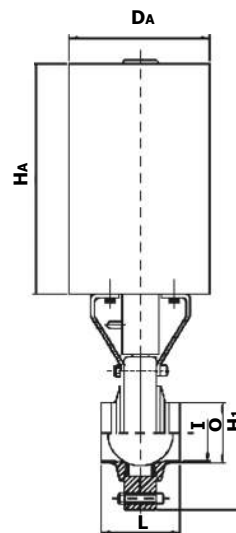
Nominal Size In.	L±0,5	O	I	H ₁	D _A	H _A	Ordering Code
1,0"	50	25,4	22,1	67	83,5	133,5	V025WF0 - 020 Ω - A * **
1,5"	50	38,1	34,8	77	83,5	133,5	V038WF0 - 020 Ω - A * **
2,0"	50	50,8	47,5	90	83,5	133,5	V051WF0 - 020 Ω - A * **
2,5"	50	63,5	60,2	105	83,5	133,5	V063WF0 - 020 Ω - A * **
3,0"	50	76,2	72,9	115	83,5	133,5	V076WF0 - 020 Ω - A * **
4,0"	60	101,6	97,6	140	101,6	158,5	V100WF0 - 020 Ω - A * **



Pneumatic But. Valves

With welding ends
(Double action)

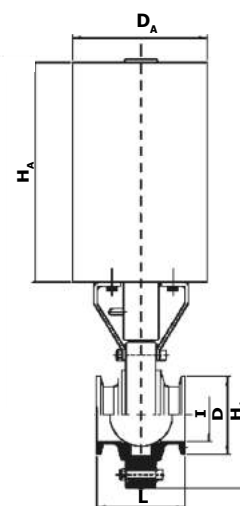
Nominal Size In.	L±0,5	o	I	H ₁	D _A	H _A	Ordering Code
1,0"	50	25,4	22,1	67	83,5	133,5	V025WF0 - 040 Ω - A * **
1,5"	50	38,1	34,8	77	83,5	133,5	V038WF0 - 040 Ω - A * **
2,0"	50	50,8	47,5	90	83,5	133,5	V051WF0 - 040 Ω - A * **
2,5"	50	63,5	60,2	105	83,5	133,5	V063WF0 - 040 Ω - A * **
3,0"	50	76,2	72,9	115	83,5	133,5	V076WF0 - 040 Ω - A * **
4,0"	60	101,6	97,6	140	101,6	158,5	V100WF0 - 040 Ω - A * **



Pneumatic But. Valves

With clamp ends
(Single action)

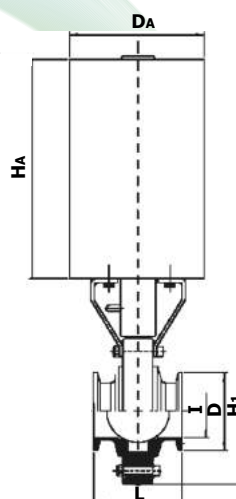
Nominal Size In.	L±0,5	D	I	H ₁	D _A	H _A	Ordering Code
1,0"	75,4	50,4	22,1	67	83,5	133,5	V025CF0 - 020 Ω - A * **
1,5"	75,4	50,4	34,8	77	83,5	133,5	V038CF0 - 020 Ω - A * **
2,0"	75,4	63,9	47,5	90	83,5	133,5	V051CF0 - 020 Ω - A * **
2,5"	75,4	77,5	60,2	105	83,5	133,5	V063CF0 - 020 Ω - A * **
3,0"	75,4	90,9	72,9	115	83,5	133,5	V076CF0 - 020 Ω - A * **
4,0"	91,6	118,9	97,6	140	101,6	158,5	V100CF0 - 020 Ω - A * **



Pneumatic But. Valves

With clamp ends
(Double action)

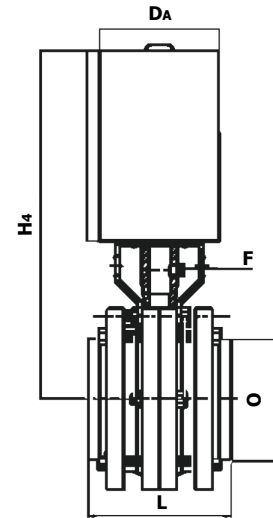
Nominal Size In.	L±0,5	D	I	H ₁	D _A	H _A	Ordering Code
1,0"	75,4	50,4	22,1	67	83,5	133,5	V025CF0 - 040 Ω - A * **
1,5"	75,4	50,4	34,8	77	83,5	133,5	V038CF0 - 040 Ω - A * **
2,0"	75,4	63,9	47,5	90	83,5	133,5	V051CF0 - 040 Ω - A * **
2,5"	75,4	77,5	60,2	105	83,5	133,5	V063CF0 - 040 Ω - A * **
3,0"	75,4	90,9	72,9	115	83,5	133,5	V076CF0 - 040 Ω - A * **
4,0"	91,6	118,9	97,6	140	101,6	158,5	V100CF0 - 040 Ω - A * **



Butterfly Valves

Pneumatic 3 pieces (Single action)

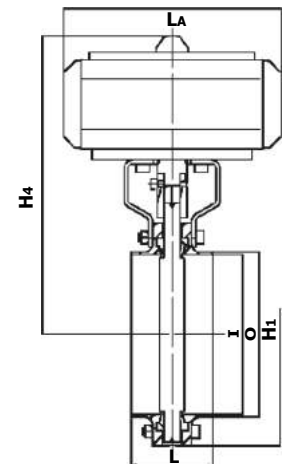
Nominal Size In.	F±1	H _A	H ₄	D _A	L	O	Ordering Code
1,0"	8,5	133,5	215	83,5	100	25,4	V025WF0 - 220 Ω - A * **
1,5"	8,5	133,5	220	83,5	100	38,1	V038WF0 - 220 Ω - A * **
2,0"	8,5	133,5	226	83,5	100	50,8	V051WF0 - 220 Ω - A * **
2,5"	8,5	133,5	236	83,5	100	63,5	V063WF0 - 220 Ω - A * **
3,0"	8,5	133,5	243	83,5	100	76,1	V076WF0 - 220 Ω - A * **
4,0"	18	158,5	277	101,6	100	101,6	V100WF0 - 220 Ω - A * **



Pneumatic But. Valves

With welding ends (Single action)

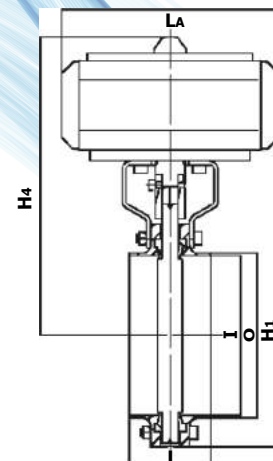
Nominal Size In.	L±0,5	O	I	H ₁	H ₄	L _A	Ordering Code
6,0"	78	152,4	146,8	218	341	268,0	V150WF0 - 021 Ω - A * **
8,0"	100	203,2	197,6	276	368	268,0	V200WF0 - 021 Ω - A * **



Pneumatic But. Valves

With welding ends (Double action)

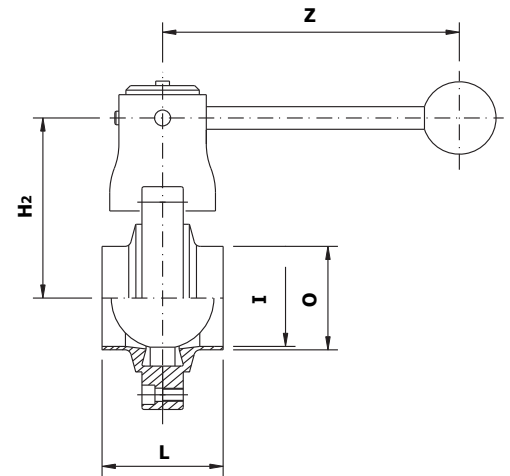
Nominal Size In.	L±0,5	O	I	H ₁	H ₄	L _A	Ordering Code
6,0"	78	152,4	146,8	218	341	268,0	V150WF0 - 041 Ω - A * **
8,0"	100	203,2	197,6	276	368	268,0	V200WF0 - 041 Ω - A * **



Din Butterfly Valves

Two Positions (Weld Type)

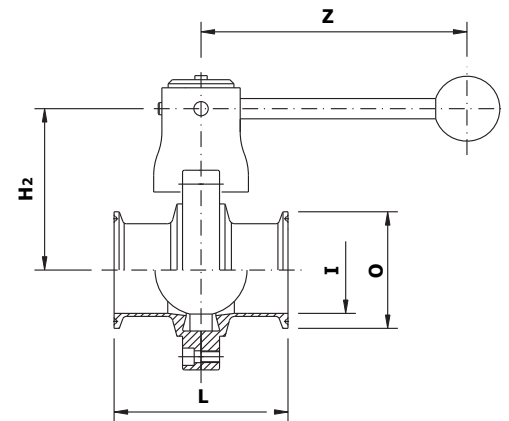
Nominal Size Din	O	I	H ₂	Z	L±0,5	Ordering Code
DN25	28,00	25,00	75,50	125,00	40,00	V025WF0 - 010 Ω - D1 * **
DN25	29,00	26,00	75,50	125,00	40,00	V025WF0 - 010 Ω - D2 * **
DN32	34,00	31,00	80,50	125,00	50,00	V032WF0 - 010 Ω - D1 * **
DN32	35,00	32,00	80,50	125,00	50,00	V032WF0 - 010 Ω - D2 * **
DN50	52,00	49,00	87,00	125,00	50,00	V050WF0 - 010 Ω - D1 * **
DN50	53,00	50,00	87,00	125,00	50,00	V050WF0 - 010 Ω - D2 * **
DN65	70,00	66,00	87,00	125,00	50,00	V065WF0 - 010 Ω - D1 * **
DN80	85,00	81,00	113,00	135,00	64,00	V080WF0 - 010 Ω - D1 * **
DN100	104,00	100,00	113,00	135,00	64,00	V100WF0 - 010 Ω - D1 * **



Din Butterfly Valves

Two Positions (Clamp Type)

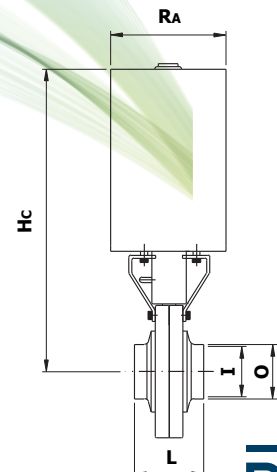
Nominal Size Din	O	I	H ₂	Z	L±0,5	Ordering Code
DN25	50,50	25,00	75,50	125,00	40,00	V025CF0 - 010 Ω - D1 * **
DN25	50,50	26,00	75,50	125,00	40,00	V025CF0 - 010 Ω - D2 * **
DN32	50,50	31,00	80,50	125,00	50,00	V032CF0 - 010 Ω - D1 * **
DN32	50,50	32,00	80,50	125,00	50,00	V032CF0 - 010 Ω - D2 * **
DN50	64,00	49,00	87,00	125,00	50,00	V050CF0 - 010 Ω - D1 * **
DN50	64,00	50,00	87,00	125,00	50,00	V050CF0 - 010 Ω - D2 * **
DN65	91,00	66,00	87,00	125,00	50,00	V065CF0 - 010 Ω - D1 * **
DN80	106,00	81,00	113,00	135,00	64,00	V080CF0 - 010 Ω - D1 * **
DN100	119,00	100,00	113,00	135,00	64,00	V100CF0 - 010 Ω - D1 * **



Pneumatic Actuator

Valves (Weld Type)

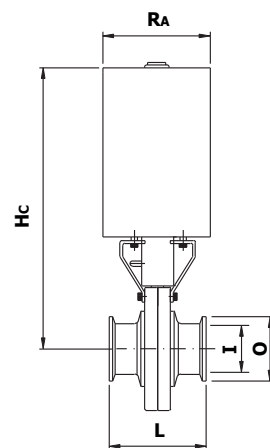
Nominal Size Din	O	I	H _C	R _A	L±0,5	Ordering Code
DN25	28,00	25,00	221,50	83,50	50,80	V025WF0 - 020 Ω - D1 * **
DN25	29,00	26,00	221,50	83,50	50,80	V025WF0 - 020 Ω - D2 * **
DN32	34,00	31,00	221,50	83,50	50,80	V032WF0 - 020 Ω - D1 * **
DN32	35,00	32,00	221,50	83,50	50,80	V032WF0 - 020 Ω - D2 * **
DN50	52,00	49,00	226,00	83,50	50,80	V050WF0 - 020 Ω - D1 * **
DN50	53,00	50,00	226,00	83,50	50,80	V050WF0 - 020 Ω - D2 * **
DN65	70,00	66,00	233,50	83,50	50,80	V065WF0 - 020 Ω - D1 * **
DN80	85,00	81,00	282,50	101,60	58,00	V080WF0 - 020 Ω - D1 * **
DN100	104,00	100,00	282,50	101,60	58,00	V100WF0 - 020 Ω - D1 * **



Pneumatic Actuator

Valves (Weld Type)

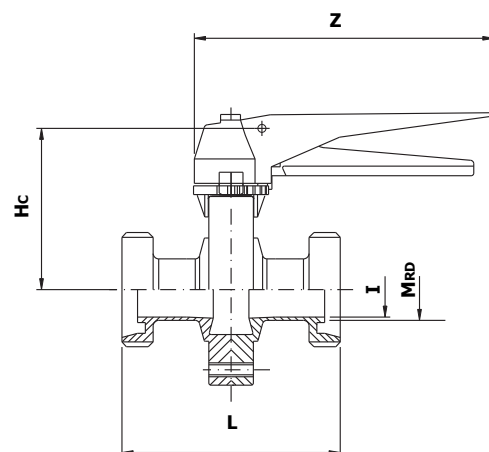
Nominal Size Din	O	I	H _C	R _A	L±0,5	Ordering Code
DN25	50,50	25,00	221,50	83,50	76,20	V025CF0 - 020 Ω - D1 * **
DN25	50,50	26,00	221,50	83,50	76,20	V025CF0 - 020 Ω - D2 * **
DN32	50,50	31,00	221,50	83,50	76,20	V032CF0 - 020 Ω - D1 * **
DN32	50,50	32,00	221,50	83,50	76,20	V032CF0 - 020 Ω - D2 * **
DN50	64,00	49,00	226,00	83,50	76,20	V050CF0 - 020 Ω - D1 * **
DN50	64,00	50,00	226,00	83,50	76,20	V050CF0 - 020 Ω - D2 * **
DN65	91,00	66,00	233,50	83,50	76,20	V065CF0 - 020 Ω - D1 * **
DN80	106,00	81,00	282,50	101,60	117,40	V080CF0 - 020 Ω - D1 * **
DN100	119,00	100,00	282,50	101,60	117,40	V100CF0 - 020 Ω - D1 * **



Butterfly Valves

Thread Type Multi Positional Plastic

Nominal Size Din	M _{RD}	I	H _C	Z	L±0,5	Ordering Code
DN25	Rd 52x1/6"	25,00	49,00	82,00	49,00	V028MF0 - 011 Ω - D * **
DN32	Rd 58x1/6"	31,00	53,00	87,00	53,00	V034MF0 - 011 Ω - D * **
DN40	Rd 65x1/6"	37,00	58,00	87,00	58,00	V040MF0 - 011 Ω - D * **
DN50	Rd 78x1/6"	49,00	60,00	93,50	60,00	V052MF0 - 011 Ω - D * **
DN65	Rd 95x1/6"	66,00	65,00	93,50	65,00	V070MF0 - 011 Ω - D * **
DN80	Rd 110x1/4"	81,00	75,00	119,50	75,00	V085MF0 - 011 Ω - D * **
DN100	Rd 130x1/4"	100,00	86,00	119,50	86,00	V704MF0 - 011 Ω - D * **



Ordering Example Code V028MF0 - 011 1 - D 5 4

Description	Nominal Size	Ordering Code
Thread Type Multi Positional Plastic	DN25	V028MF0 - 011 Ω - D * **

Ω Rubber Material	Silicone Peroxide FDA
	1

* Stainless Steel Material	316L (1.4404)
	5

** Inside Surface*	Outside Surface*	Ordering Code
240 grid/0.51 μm Ra/20 μ-in	180 grid/0.8 μm Ra/30 μ-in	4

Type

Butterfly Valves

Table Ω

Material ^Ω	Ordering Code
Silicone Peroxide FDA	1
Silicone Peroxide Class VI	2
EPDM Class Vi	3
EPDM FDA	4
VITON CLASS VI	5
VITON FDA	6
TEFLON CLASS VI	7
Teflon FDA	8

Ω Rubber Material

Table *

304 (1.4301)	304L (1.4307)	316L (1.4404)
1	2	5

****Stainless Steel Material**

Table **

Inside Surface*	Outside Surface*	Ordering Code
Unpolished/Mill Finish	Unpolished/Mill Finish	u
180 grid/0.8 μm Ra/30 μ-in	Unpolished/Mill Finish	0
180 grid/0.8 μm Ra/30 μ-in	180 grid/0.8 μm Ra/30 μ-in	1
240 grid/0.51 μm Ra/20 μ-in	180 grid/0.8 μm Ra/30 μ-in	4
320 grid/0.4 μm/12 μ-in	180 grid/0.8 μm Ra/30 μ-in	7
400 grid/0.25 μm Ra/10 μ-in	180 grid/0.8 μm Ra/30 μ-in	8
Mirror Polished	180 grid/0.8 μm Ra/30 μ-in	9

****Mechanically Polished**

SealingSystems

19 Perissou St. 14 343 N.Chalkidona

Athens Greece

Tel. 030 - 2108312002

e-mail: info@sealingsystems.gr

www.sealingsystems.gr



DIN