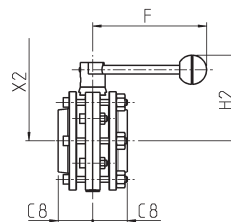
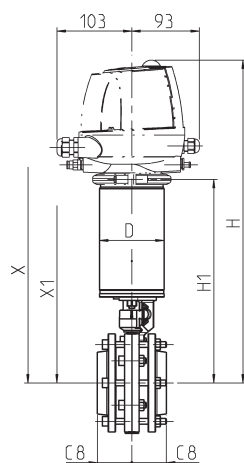




## Technical data standard variant

Product wetted materials	AISI 304
Non product wetted materials	AISI 304
Product wetted gasket material	EPDM
Ambient temperature	0 to 45 °C
Control air pressure	4.8 to 8 bar
Max. product pressure	10 bar
Product wetted surface	Ra 0.8 µm
Non product wetted surface	Metal blank
Pneumatic Actuator	Air-to-spring

Certificates



	Pipe	Actuator	Dimensions				Removal space			Flange width	Valve	
Nominal size	Ø [mm]	Ø D [mm]	F [mm]	H [mm]	H1 [mm]	H2 [mm]	X [mm]	X1 [mm]	X2 [mm]	C8 [mm]	KVS [m³/h]	Weight (without actuator) [kg]
DN 15	19 × 1.5	88.9	116	415.0	253.0	83.0	435.0	273.0	103.0	47.5	On request	1.6
DN 20	23 × 1.5	88.9	116	415.0	253.0	83.0	435.0	273.0	103.0	47.5	On request	1.6
DN 25	29 × 1.5	88.9	116	415.0	253.0	83.0	435.0	273.0	103.0	47.5	21	1.5
DN 40	41 × 1.5	88.9	116	418.5	256.5	86.5	438.5	276.5	106.5	47.5	72	1.8
DN 50	53 × 1.5	88.9	116	427.0	265.0	95.0	447.0	285.0	115.0	47.5	130	2.4
DN 65	70 × 2.0	88.9	116	434.5	272.5	103.0	454.5	292.5	123.0	47.5	250	3.2
DN 80	85 × 2.0	88.9	160	440.5	278.5	114.5	460.5	298.5	134.5	47.5	340	3.8
DN 100	104 × 2.0	88.9	160	456.5	294.5	128.0	476.5	314.5	148.0	47.5	750	4.7
DN 125	129 × 2.0	114.3	220	472.0	310.0	146.0	492.0	330.0	166.0	55.0	1100	8.7
DN 150	154 × 2.0	114.3	220	486.0	324.0	159.0	506.0	344.0	180.0	60.0	1800	12.2
OD ½"	12.7 × 1.6	88.9	116	415.0	253.0	83.0	435.0	273.0	103.0	47.5	On request	1.6
OD ¾"	19.05 × 1.6	88.9	116	415.0	253.0	83.0	435.0	273.0	103.0	47.5	On request	1.6
OD 1"	25.4 × 1.6	88.9	116	415.0	253.0	83.0	435.0	273.0	103.0	47.5	23	1.6
OD 1 ½"	38.1 × 1.6	88.9	116	420.0	258.0	88.0	440.0	278.0	108.0	47.5	87	1.7
OD 2"	50.8 × 1.6	88.9	116	428.0	266.0	96.0	448.0	286.0	116.0	47.5	170	2.3
OD 2 ½"	63.5 × 1.6	88.9	116	436.5	274.5	105.0	456.5	294.5	125.0	47.5	240	3.1
OD 3"	76.2 × 1.6	88.9	160	444.0	282.0	118.0	464.0	302.0	138.0	47.5	400	3.5
OD 4"	101.6 × 2.0	88.9	160	454.0	292.0	130.5	474.0	312.0	150.5	47.5	880	5.3

Position	Description of order code			
1	Valve type			
	7 Butterfly Valve			
2	Flange connection			
	88 Intermediate flange variant			
3	Pipe standard			
	0 OD	1 DN		
4	Nominal size			
	012	OD ½"	015	DN 15
	075	OD ¾"	020	DN 20
	010	OD 1"	025	DN 25
	112	OD 1 ½"	040	DN 40
	200	OD 2"	050	DN 50
	212	OD 2 ½"	065	DN 65
	300	OD 3"	080	DN 80
	400	OD 4"	100	DN 100
			125	DN 125
			150	DN 150
5	Product wetted material			
	1 AISI 304 (1.4301)			
	2 AISI 316L (1.4404)			
6	Product wetted gasket material			
	0 EPDM			
	1 HNBR			
	2 FKM			
	6 VMQ			
7	Actuator type			
	0 Manual actuator			
	1 Pneumatic for T.VIS®			
	2 Pneumatic incl. 2 proximity switch holders			
	5 Manual actuator stepless			
	6 Manual actuator with scissors handle (up to OD 4"/DN 100)			
8	Air connection			
	0 None			
	1 Metric (only for actuator type 2)			
	2 Inch (only for actuator type 2)			
	3 Metric with air throttle (only for actuator type 2)			
	4 Inch with air throttle (only for actuator type 2)			
9	Fail position of valve			
	0 Closed			
	1 Open			
	2 Air-to-air (actuator types 1 and 2 only)			
10	Accessories			
	0 None			
	1 Extension piece +80 mm			
	2 Lockable bracket incl. 4 proximity switch holders (actuator type 0 only)			
	3 Limit stop (actuator types 1 and 2 only)			
	5 Two-position stop (actuator type 2 only)			
	7 Booster cylinder (actuator types 1 and 2 only)			
11	Product wetted surface			
	0 0.8 µm			
	1 0.4 µm			
12	Certificate			
	0 None			
	1 Factory test certificate 2.2			
	2 Certificate 3.1			
	3 Certificates 2.2 and 3.1			
13	ATEX approval			
	0 No			
	1 Yes			

The code is composed as follows, depending on the chosen configuration:

Position	1	2	3		4	5		6	7	8	9		10	11	12	13	
Code	7	8	8	-			-					-					+ For control and feedback systems codes see from page 53.