



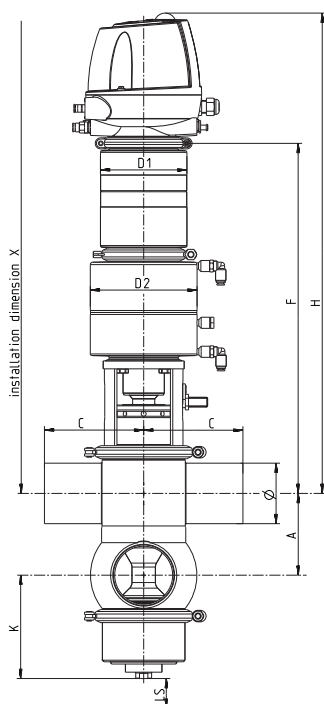
## Standard configuration

Gaskets in contact with product	EPDM
Air pressure	6.0 bar (87 psi)
Product pressure	10 bar (145 psi)
Actuator	air/spring, normally closed
Surface finish DN, Inch OD	inside Ra ≤ 0.8 µm, outside smooth
Housing connections	welding ends
Designation	self adhesive ID tag
Cavity cleaning	by seat lift, no external cleaning connection
Outside balancer cleaning	with balancer cleaning device
Housing connection	fixed

## Certificates



PMO 15 p. (B) compliant



## Housing combinations



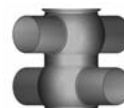
A



B



C



E

## Dimensions


All dimensions in mm

OD	Ø	A	C	D1	D2	F	H	K	LS	X	Stroke	kg
1 1/2"	38.1x1.6	59	90	110	110	399.5	563.5	94.5	6	746.5	27.5	16.8
2"	50.8x1.6	71.5	90	110	110	405.8	569.8	108.5	6	785.5	35	17.3
2 1/2"	63.5x1.6	90	125	110	135	434	598	124	6	857	45	26.6
3"	76.2x1.6	103	125	110	135	440.5	604.5	130.5	6	889.5	45	27.4
4"	101.6x2.1	127.5	125	110	135	452.8	616.8	142.5	6	950.5	45	39.3

X = clearance required for maintenance

## Valve code standard configuration

Code	M	E	O	3/3"	S	Z	TA8	L	9	A	A	P	BE5/CLMN56	V1	1	5	N	/3A /52	B/2.0
Position	1	2	3	4/5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Code	Pos	Designation
M	1	Valve Type M
E	2	Housing combinations
		
	A	
	B	
	C	
	E	
O	3.	Special valve options O lifting actuator without spray cleaning
3"/3"	4/5.	Valve size top/middle
S	6.	Actuator type S air/spring
Z	7.	Fail position of valve Z closed
TA8	8.	Location of Feedback TA8 Control module T.VIS® A-8 (automatic setup) TM1 Control module T.VIS® M-1 (mechanical setup)
L	9.	Control module base L 3 solenoid valves
9	10.	Feedback switches 9 T.VIS® A-8 with 1 proximity switch in the lantern (TA8) 3 2 feedbacks with 1 proximity switch in the lantern (TM1)
A	11.	Interface module A AS-Interface-Bus (TM1, TA8); B 24 V DC, 3-wire, PNP (TM1, TA8); N 24 V DC, 3-wire, NPN (TM1) C 20-130 V AC (TM1); D DeviceNet (TM1, TA8)
A	12.	Solenoid valve A 24 V DC, 1,0 W
P	13.	Connection (Cable/Air) for Air tubing 1/4" OD (6.35/4.34 mm) P 5-pin connector, M12 (DeviceNet/US, TM1), (AS Interface-Bus/US, TA8) I 8-pin connector M12 (24V DC) (TA8) Z 0,5" NPT (Standard-US, TM1) S Connection box with cable (AS Interface-Bus/US, TM1) U 2-pin connector, M12 (AS Interface-Bus/US, TM1)
BE5/ CLMN56	14.	Actuator selection (6.0 bar air/10 bar product) 1.5" BD*/BLMN35**; 2" BD*/BLMN48**; 2.5" BE5*/CLMN56** 3" BE5*/CLMN56**; 4" BE5*/CLMN56** main actuator*, lifting actuator**
V1	15.	Valve seat option V1 welded seat ring, port orientation 90° V2 welded seat ring, port orientation 180° V3 welded seat ring, port orientation 270°
1	16.	Gasket material 1 EPDM (FDA), 2 FKM, 3 HNBR (FDA)
5	17.	Surface finish of housings 5 inside Ra ≤ 0.8 µm (polished ID, 30-35 RA, 150 Grit), outside polished
N	18.	Housing process connection N weld ends
3A/52	19.	Other special optional equipment (expand this field with "/" as necessary to include all required options) 41 factory certificate acc. to EN10204-2.2 42 material acceptance test certificate acc. to EN10204-3.1 for housing (Inner parts on request) 43 control module, material VESTAMID®, UV resistant 50 stainless steel ID tag 52 self adhesive ID tag 67 protection class IP67 (T.VIS® M-1) 3A 3A Symbol
B/2.0	20.	Outside balancer cleaning B/2.0 with balancer cleaning device /2.0 without balancer cleaning device

