

VARIVENT® 24/7 PMO Mixproof Tank Valve type MT/T (08)

with seat lifting allowance acc. to M-b-359

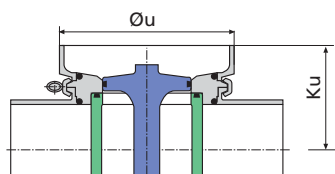
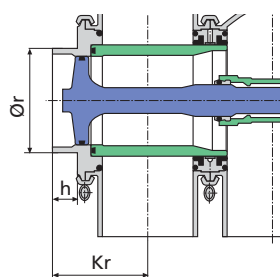
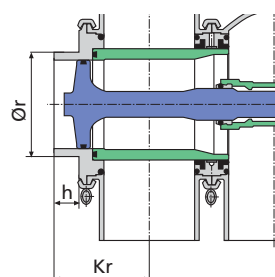
Standard configuration

gaskets in contact with product	EPDM
air pressure	6 bar (87 psi)
product pressure	5 bar (73 psi)
actuator	air/spring, normally closed
surface finish DN, Inch OD	inside $Ra \leq 0,8 \mu m$, outside smooth
housing connections	welding ends
designation	self adhesive ID tag
cavity cleaning	by seat lift, no external cleaning connection
housing connection	clamped

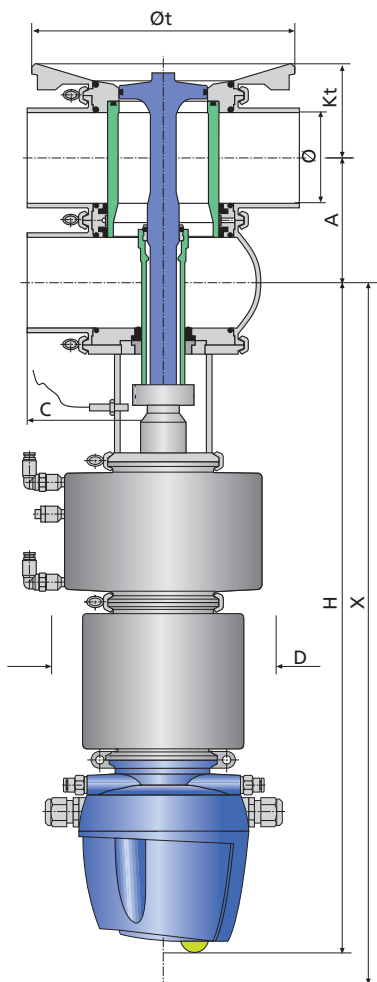


PMO 15 p. (B) compliant

Housing connection type U

Housing connection type R
with recess
(for horizontal installation)Housing connection type R
straight (option /35)
(for horizontal installation)

Housing connection type T



Dimensions

	Ø	A	Ør	C	D	H	Kr	h	X	Stroke	kg
2" OD	50.8x1.6	77.5	67	90	135	663	67	15	788	35	31.5
2 1/2" OD	63.5x1.6	90	91	125	170	711	73	15	836	45	32.5
3" OD	76.2x1.6	103	91	125	210	869	79.5	15	994	65	57.5
4" OD	101.6x2	127.5	119	150	210	905	92	15	1,030	65	65.5
	Ø	A	Øu	C	D	H	Ku		X	Stroke	kg
2" OD	50.8x1.6	77.5	114	90	135	663	68.5		788	35	31.5
2 1/2" OD	63.5x1.6	90	154	125	170	711	75		836	45	32.5
3" OD	76.2x1.6	103	154	125	210	869	81.5		994	65	57.5
4" OD	101.6x2	127.5	184	150	210	905	93		1,030	65	65.5
	Ø	A	Øt	C	D	H	Kt		X	Stroke	kg
2" OD	50.8x1.6	77.5	200	90	135	663	66.5		788	35	31.5
2 1/2" OD	63.5x1.6	90	225	125	170	711	73		836	45	32.5
3" OD	76.2x1.6	103	225	125	210	869	79		994	65	57.5

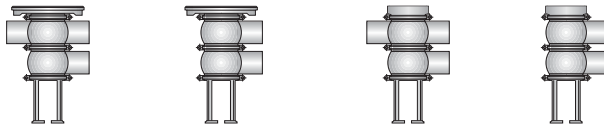
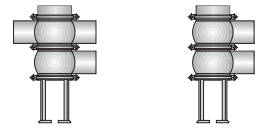



X = clearance required for maintenance

Dimensions D = Standard actuator

Weld-in device is recommended for welding-in the tank flanges

Valve code standard configuration

Code	MT/T	TRC	3/3"	S	Z	TM1	L	3	A	A	U	EK6/LR6	L0	1	3	N	/52 /3A	/(08)
Position	1	2	4/5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Code	Position
MT/T	1. Valve type MT/T
TRC	<p>2. Housing combinations</p> <p>Vertical-Standard Installation (without tangential housings) with housing connection T</p>  <p>TRC LRC DRC FRC</p> <p>Horizontal-Standard Installation with housing connection R (with recess)</p>  <p>RRC HRC</p> <p>Horizontal Installation (with tangential housings) with T-flange connection</p>  <p>TRC/TT LRC/TL LRC/TR</p> <p>with U-flange connection</p>  <p>DRC/TT FRC/TL FRC/TR</p> <p>with housing connection R</p>  <p>RRC/TT HRC/TL HRC/TR</p>
3"/3"	4/5. Valve size top/middle
S	6. Actuator type S air/spring
Z	7. Fail position of valve Z closed
TM1	8. Location of Feedback TM1 Control module T.VIS® M-1 (mechanical setup)
L	9. Control module base N no solenoid valve; L 3 solenoid valves
3	10. Feedback switches 3 2 feedbacks with 1 proximity switch in the lantern
A	11. Art der Anschaltung - Interface module A AS-Interface-Bus; B 24 V DC, 3-wire, PNP N 24 V DC, 3-wire, NPN; C 20-130 V AC; D DeviceNet
A	12. Solenoid valve A 24 V DC, 1,0 W
U	13. Connection (Cable/Air) for Air tubing 1/4" OD (6.35/4.34 mm) Z 0.5" NPT (Standard-US) S Connection box with cable (AS Interface-Bus/US) U 4-pin connector, M12 (AS Interface-Bus/US) K 5-pin connector, M12 (DeviceNet/US)
EK6/ ELR6	14. Actuator selection (6 bar air/5 bar product) 2" BD* / BLT65**; 2.5" DF5* / CLR5** 3" EK6* / ELR6**; 4" EK6* / ELR6** main actuator*, lifting actuator**
L0	15. Valve seat option L0 clamped seat ring
1	16. Gasket material 1 EPDM (FDA), 3 HNBR (FDA)
3	17. Surface finish of housings 3 inside Ra ≤ 0.8 µm (polished ID, 30-35 RA, 150 Grit), outside smooth
N	18. Housing process connection N weld ends
3A/52	<p>19. Other special optional equipment (expand this field with "/" as necessary to include all required options)</p> <p>35 housing connection R (straight version) 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® A-7 and M-1) 3A 3A Symbol</p>
/(08)	20. Version /(08) Version 2008