

# >> TUBE DIVERT VALVE (2/3-TDV)

## >> FEATURES:

- Models with 2 or 3 ports
- USDA Dairy Accepted versions available
- Ridged tube with constant cross section minimizes product degradation
- Inflatable seals
- Pressure from -0,8 up to 3 bar
- Multiple choice of line connections
- Converging and diverging applications
- Easy detachable construction
- Temperature range -20 °C up to +100 °C
- All stainless and aluminum stainless configurations
- Versions conforming to ATEX 2014/34/EU available

## Tube Diverter Valves

The 2-TDV and 3-TDV transport pneumatically conveyed products to or from two or three locations respectively (diverging or converging).

The 2-TDV and 3-TDV are compactly designed. The pneumatic rack and pinion actuator on the 2-TDV and electric positioner on the 3-TDV provide reliable actuation and maintain very accurate positioning. The divert tube and seals are designed to be easily removed from the

line for cleaning (COP – cleaning out of place). It is also possible to purge the individual conveying lines with a cleaning liquid without removing the diverter from the line (CIP – cleaning in place).

This gives the option to choose a cleaning method tailored to suit the specific process. The full TDV tube diverter range includes USDA Dairy Accepted models.



## Product Information

The whole range of tube diverters (2-, 3- and M-TDV) are of a sanitary design and have stainless steel AISI 316 product contact parts with multiple choices of line connections, ranging from a simple pipe connection to a sanitary ferrule coupling.

The swan neck pipe connecting the single to multi-port end is designed to give minimum product degradation in both conveying directions. All conveying lines that are not in use are also

sealed from atmosphere. This ensures that there is no air or product leakage from lines that are not being used.

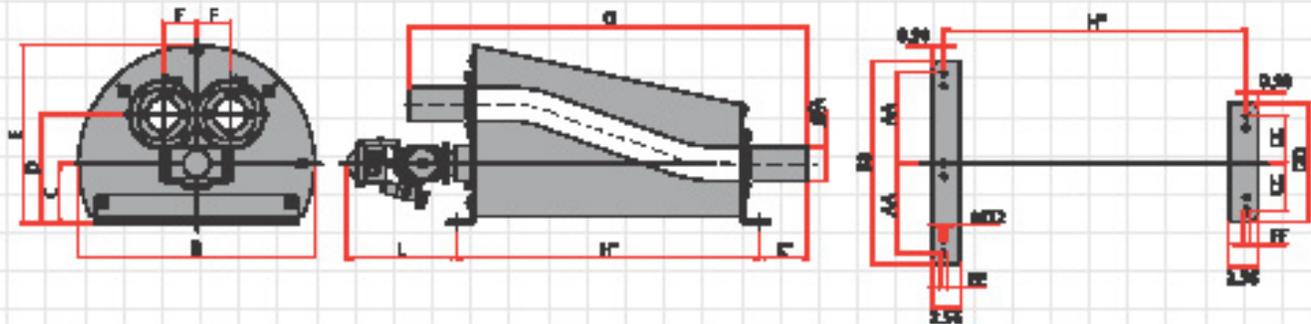
The uniquely designed seal has been proven in a multitude of applications. This seal is made from white FDA compliant EPDM and is very easy to fit and clean. Being inflatable guarantees absolutely tight sealing in the conveying line up to 3 bar g. This also applies to liquids



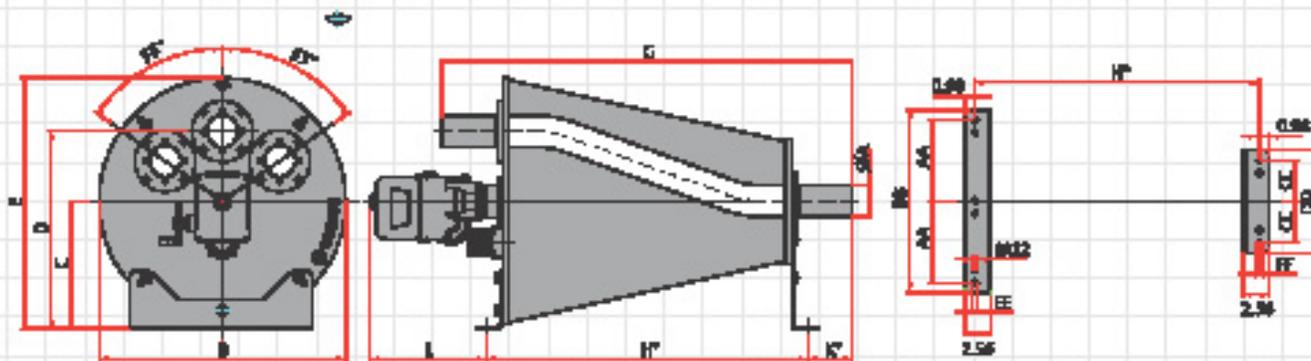
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# >> TUBE DIVERT VALVE (2/3-TDV)

2-TDV



3-TDV



Type 2-TDV	øA	B	C	D	E	F	G	Execution 2		Execution 3		L	AA	BB	CC	DD	EE	FF
								H	K	H	K							
40	38,1x1,5	490	130	235	375	65	806	590	108	576	115	247	187,5	425	107,5	265	3xø14	2xø14
50	50,8x1,5	490	130	235	375	65	806	590	108	576	115	247	187,5	425	107,5	265	3xø14	2xø14
65	63,5x1,5	530	135	245	400	75	896	680	108	666	115	255	202,5	455	107,5	265	3xø14	2xø14
80	76,1x1,5	530	135	245	400	75	896	680	108	666	115	255	202,5	455	107,5	265	3xø14	2xø14
100	101,6x2	600	165	287,5	465	87,5	946	730	108	716	115	255	230	510	130	310	3xø14	2xø14
125	129x2	695	175	325	522,5	102,5	1116	900	108	886	115	264	275	600	135	320	3xø14	2xø14
150	154x2	755	205	365	582,5	115	1156	940	108	926	115	264	295	640	150	350	3xø14	2xø14

Type 3-TDV	øA	B	C	D	E	G	Execution 2		Execution 3		L	AA	BB	CC	DD	EE	FF
							H	K	H	K							
40	38,1x1,5	560	290	440	570	886	670	108	656	115	285	182,5	415	100	250	3xø14	2xø14
50	50,8x1,5	560	290	440	570	886	670	108	656	115	285	182,5	415	100	250	3xø14	2xø14
65	63,5x1,5	600	310	480	610	997	781	108	767	115	285	197,5	445	100	250	3xø14	2xø14
80	76,1x1,5	600	310	480	610	997	781	108	767	115	285	197,5	445	100	250	3xø14	2xø14
100	101,6x2	670	345	535	680	1054	838	108	824	115	285	210	470	115	280	3xø14	2xø14
125	129x2	770	395	620	780	1209	993	108	979	115	285	250	550	125	300	3xø14	2xø14
150	154x2	850	435	685	860	1269	1053	108	1039	115	285	277,5	605	132,5	315	3xø14	2xø14



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