

ZS T10

Tank Bottom Single Seat Valve

APPLICATION

The ZS-T10 valve is a shut-off single seat valve designed specifically for installation at the tank bottom for use in hygienic applications.

DESIGN AND FEATURES

More compact space-saving design.
Specific body with a welded flange.
45º elbow outlet to enable welding.
Opening towards the inside of the valve.
Radial type seal design.

Single-acting actuator.
Normally closed valve.
Open lantern allows visual inspection of shaft sealing.

TECHNICAL SPECIFICATIONS

Materials	
Parts in contact with the product	1.4404 (AISI 316L)
Other stainless steel parts	1.4301 (AISI 304)
Gasket in contact with the product	EPDM
Surface finish	
Internal	Bright polish Ra ≤ 0,8 µm
External	Matt
Available sizes	
DIN EN 10357 series A (previously DIN 11850 series 2)	DN 25 - DN 100
ASTM A269/270 (correspondsto OD pipe)	OD 1'' - OD 4''
Connections	
Weld	

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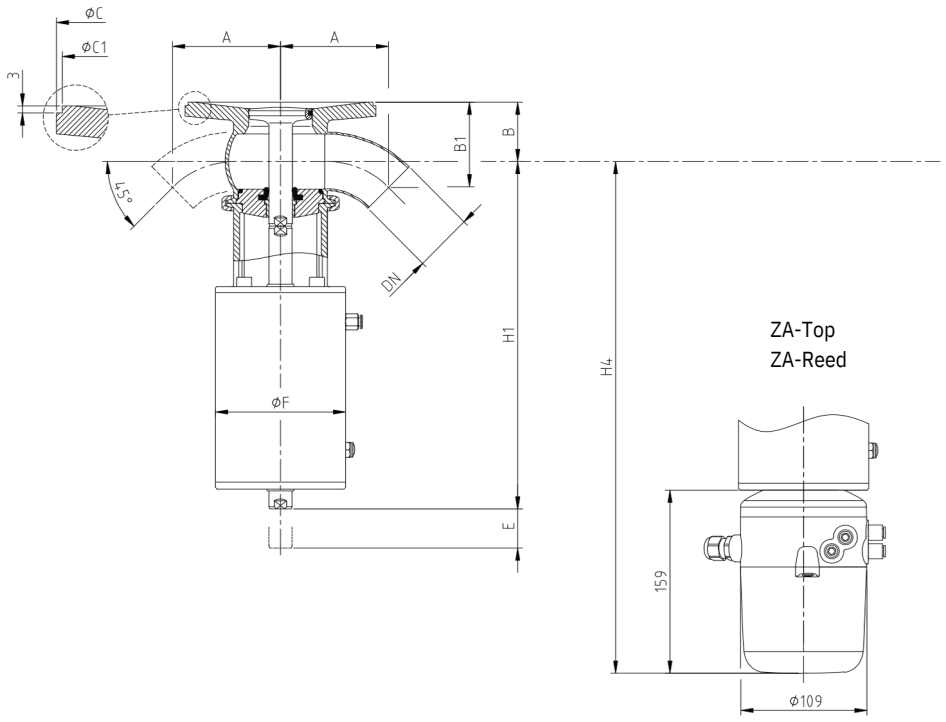
Operating limits

Temperature range	-10ºC to 121ºC	14ºF to 250ºF
Temperature SIP	140ºC (max. 30 min)	284ºF 145
Maximum working pressure	1000 kPa (10 bar)	PSI Vacuum
Minimum working pressur	Vacuum	87 - 116 PSI
Compressed air pressure	6 - 8 bar	

OPTIONS

Manual actuator.
Gaskets: FPM, HNBR.
Other connection types.
Control unit.
External position sensors.
Surface finish: Ra < 0,5 µm.
Steam barrier.
Bodies with heating jacket.

DIMENSIONS



	DN	Pipe	A	B	B1	ØC	ØC1	E	ØF	H1	H4	kg
DIN	25	29,0 x 1,50	58	41	56	125	120	27	87	228	376	5,3
	40	41,0 x 1,50	75	45	63	155	150	27	87	238	386	6,4
	50	53,0 x 1,50	90	52	73	165	160	34	112	300	442	9,4
	65	70,0 x 2,00	110	63	86	195	190	40	143	346	494	18
	80	85,0 x 2,00	122	74	100	215	210	40	143	353	501	20
	100	104 x 2,00	141	87	116	255	250	36	216	380	525	36
OD	1''	25,4 x 1,65	51	39	50	125	120	27	87	226	374	5,4
	1½''	38,1 x 1,65	73	43	60	155	150	27	87	237	388	6,5
	2''	50,8 x 1,65	93	51	73	165	160	34	112	298	443	9,5
	2½''	63,5 x 1,65	121	60	88	195	190	40	143	343	497	18
	3''	76,2 x 1,65	140	69	103	215	210	40	143	349	505	20
	4''	101,6 x 2,11	178	85	130	255	250	36	216	379	526	36

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HOUSING COMBINATIONS



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