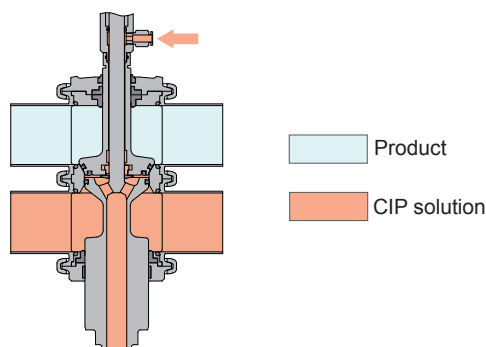




I Applications

The INNOVA S-type valve is a pneumatic shut-off double seat valve for hygienic applications. The leakage chamber, under atmospheric pressure, situated between the two seats ensures a safe interface between the two liquids, one of which is usually a CIP solution (cleaning agent).

The leakage chamber is cleaned via the CIP nozzle situated in the lantern.



I Design and features

Hygienic design according to EHEDG.
 No leakage during the opening/closing of the valve.
 Balanced lower seat.
 Single-acting pneumatic actuator.
 Easy assembly/disassembly of internal parts by loosening a clamp fastener.
 Open lantern allows visual inspection of shaft sealing.
 360° adjustable body.

I Technical specifications

Materials:

Parts in contact with the product	Stainless steel AISI 316L (1.4404)
Other stainless steel parts	Stainless steel AISI 304 (1.4301)
Gasket	EPDM (according to FDA and EC 1935/2004)

Surface finish:

Internal	Bright polish $Ra \leq 0,8 \mu m$
External	Matt

Available sizes:

DIN 11850	DN 40 - DN 100
ASME BPE	OD 1½" - OD 4"

Connections

Weld

Operating limits:

Temperature range	-10 °C to +121 °C (EPDM)	14 °F to 250 °F
	+140 °C (SIP, max. 30 min)	284 °F
Maximum working pressure	10 bar	145 PSI
Minimum working pressure	Vacuum	
Compressed air pressure	6-8 bar	87-116 PSI



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I Options

Gaskets: FPM, HNBR.

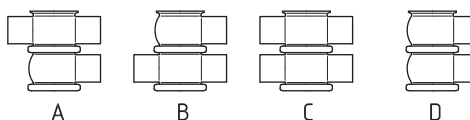
Other connection types.

C-TOP+ control unit.

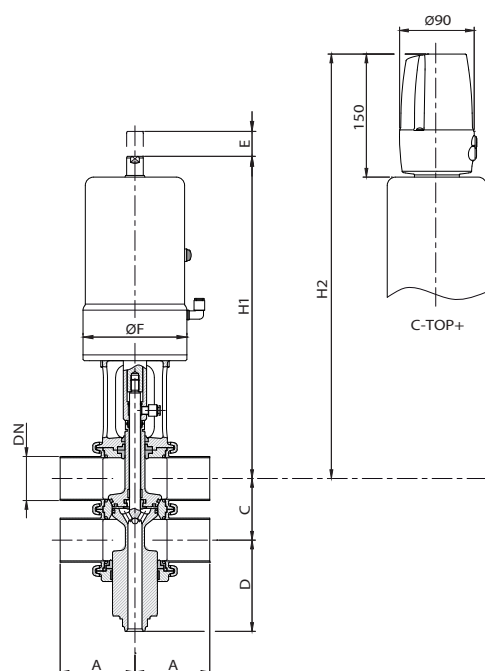
External position sensors.

Internal surface finish: $Ra \leq 0,5 \mu m$.

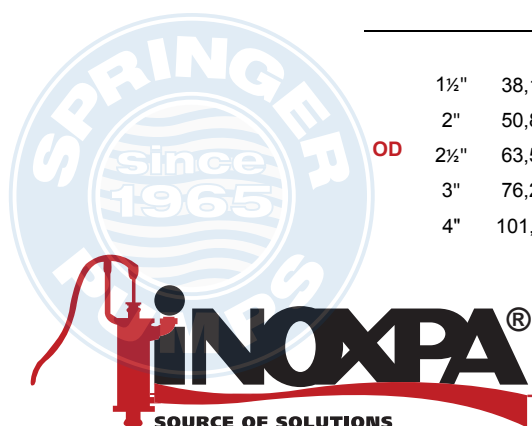
I Housing combinations



I Dimensions



	DN	Pipe ϕ	A	C	D	ϕF	E	H ₁	H ₂
DIN	40	41 x 1,5	85	62	86	125	22	382	507
	50	53 x 1,5	90	74	104	125	30	388	513
	65	70 x 2	110	92	141	161	34	471	587
	80	85 x 2	125	107	140	161	36	464	588
	100	104 x 2	150	127	175	193	52	528	649
OD	1½"	38,1 x 1,65	85	59	88	125	22	383	505
	2"	50,8 x 1,65	90	72	118	125	30	383	505
	2½"	63,5 x 1,65	110	86	143	161	34	474	584
	3"	76,2 x 1,65	125	99	144	161	36	468	584
	4"	101,6 x 2,11	150	124	176	193	52	530	648



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