

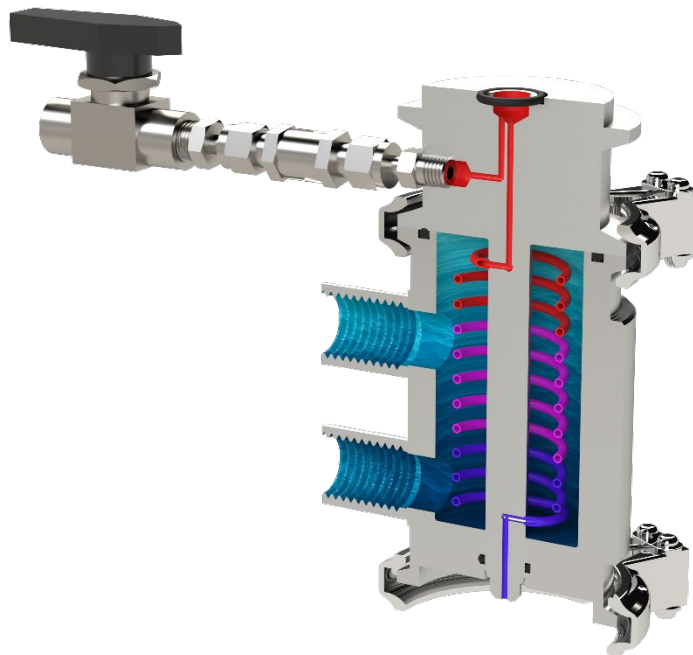
SSO-TA Heat Exchanger

SSO-TA Heat Exchangers are ideally suited for mounting on SIV sampling valves to ensure safe and representative sampling of hot liquids from pressurized pipelines (no vacuum!) – without interrupting the process. The sample can be drawn continuously while being cooled.

Modular Design

The heat exchangers are available in stainless steel SS316L with FPM seals. A coil with an inner diameter of 2 mm and 10 turns guarantees effective cooling. The "cold" side for the cooling medium is equipped with ½"-NPT threaded connections. Thanks to the Swissfluid standard adaptation with a 2½" clamp, the unit fits our standard interfaces.

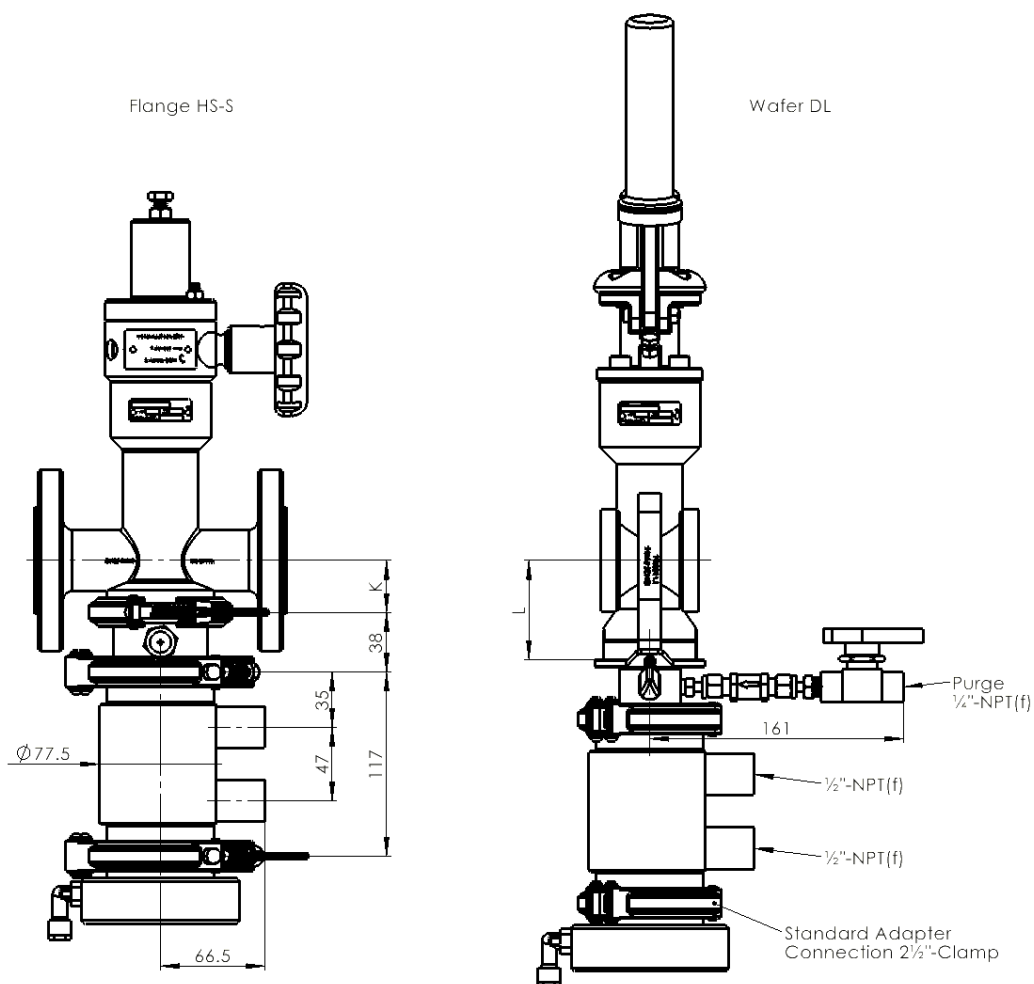
The purge unit, equipped with a ¼"-NPT check valve, facilitates cleaning and rinsing. The robust and maintenance-free construction ensures easy handling, maximum safety, and highlights the high-quality standards of this product.



Operating Conditions

- PS max. = 40 bar (580 psi)
- TS max. = 250 °C (482 °F)
- Cooling connection PS max. = 16 bar (232 psi)
- Cooling capacity = ca. 0.7 kW

Versions



Dimensions in mm

DN/NPS Size	K	L
15/1/2"	27	63
20/3/4"	27	63
25/1"	33	63
40/1 1/2"	40	71
50/2"	47	77
80/3"	61	91
100/4"	73	103
150/6"	96	127

Heat Exchanger weight 4.5 kg

Application examples

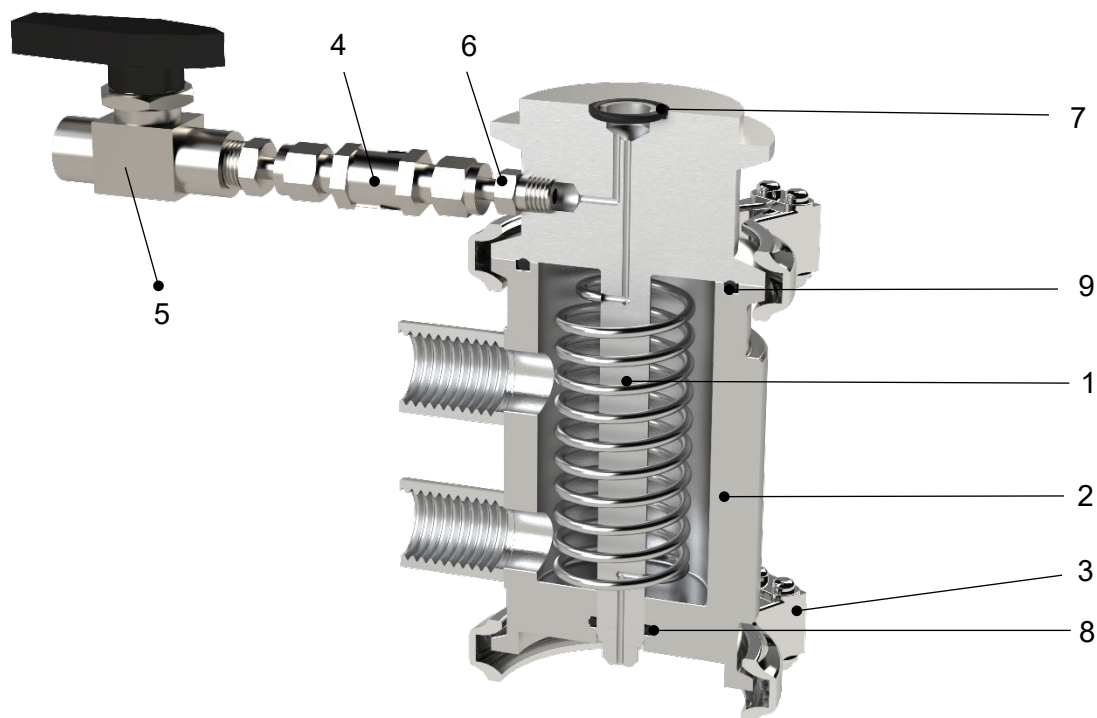


SSO-TA Heat Exchanger

PM 87.5 en / 2025-11

Standard Version

Parts list



Pos.	Quantity	Description	Material
1	1	Heat Exchanger Insert with Coil	SS316L
2	1	Heat Exchanger Tube Jacket	1.4404
3	1	Clamp 2,5 inch	1.4301
4	1	Poppet Check Valve	SS316
5	1	Ball Valve	SS316
6	1	Adapter Pipefitting ¼" x ⅛"-NPT	1.4404
7	1	O-Ring	FFPM
8	1	O-Ring	FFPM
9	1	O-Ring	FFPM