

SAMSON

AND
EVERYTHING
FLOWS

TYPE 3349 ASEPTIC CONTROL VALVE



SAFETY: AVOIDING PROCESS CONTAMINATION



- **Aseptic design**
Certified design compliant with 3-A regulations
- **Efficient cleanability**
Certified by EHEDG
- **Certified materials**
Wetted sealing materials certified by FDA, USP Class VI and according to Regulation (EC) No. 1935/2004

EFFICIENCY: BETTER RELIABILITY AND PERFORMANCE



- **High quality control**
 - Finely machined plug
 - Rangeability up to 50:1
- **High admissible pressure**
 - Up to 25 bar for the standard version
- **Easy integration into existing systems**
 - Both directions of flow
 - Wide range of pipe diameters and fittings



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Technical data

Hardware version	HV 01 + micro-flow version
Valve sizes	DN 6 to 100/NPS ¼ to 4
Pressures	Max. 25 bar/363 psi
Temperature	-10 to 160 °C/14 to 320 °F
Materials	Bar stock body · 1.4435 Hastelloy®, Uranus and other materials on request
End connections	Welding ends, aseptic flanges, clamps, threaded ends (according to all international standards)



Refer to Data Sheet ► T 8048-2 for more information.

Advantages and benefits

Advantages	How?	Benefits
Simplified maintenance	The design includes very few parts. Wear parts (plug and diaphragm) are easily replaced	Optimized and cost-efficient spare parts management
Improved reliability	Optimized body to improve of the diaphragm life-span and long guiding ring	Lower operational expenditure (OPEX)
High $p_{\max}$	Body redesign to increase the $p_{\max}$ up to 25 bar	Suitable for use in more challenging applications
Precise fluid control	Design for FTO or FTC flow directions, engineered characteristic (linear or equal percentage)	Easy integration on site and better process performance

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