

# EHEDG and 3-A Certificates for Types 3347 and 3349 Valves

SAMSON



In the food and pharmaceutical industries, it is essential to protect consumer products from contamination and to ensure the cleanability of all surfaces.

SAMSON control valves are designed for use with food and pharmaceutical products.

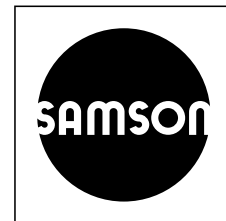
The 3-A and EHEDG certificates guarantee the cleanability of our Type 3347 Hygienic Valves and Type 3349 Aseptic Valves and ensure optimal product protection.



Type 3347 Hygienic Valve

Type 3349 Aseptic Valve

# EHEDG and 3-A Certificates for Types 3347 and 3349 Valves



Valve type		3347		3349
Body version		Cast	Bar stock	Forged
3-A (53-06) approved configurations	Valve size	DN 25 to 100/NPS 1 to 4	DN 15 to 125/NPS ½ to 4	DN 15 to 100/NPS ½ to 4
	$K_{vs}/C_v$	0.4 to 200/0.5 to 190	0.4 to 200/0.5 to 190	0.4 to 160/0.5 to 190
	Bonnet	Clamp	Clamp and bolted	Standard bolted
	End connection	– BW: all standards – Threaded: DIN 11864-1 form A, DIN 11853-1 form A, DIN 11851-2***, DIN 11887-1***, ISO 2853*** – Clamp: DIN 11864-3 form A, DIN 11853-3 form A, DIN 32676, ISO 2852, BS 4825, ASME BPE, NFE 29521, JIS G3447, JIS G3459 – Aseptic flange: DIN 11864-2 form A, DIN 11853-2 form A		
	Body material	1.4409/CF3M	1.4404/316L, 1.4435/316L Generally AISI 300 (except 301, 302, 303)	1.4435/316L  Generally AISI 300 (except 301, 302, 303)
	Internal roughness	Ra ≤ 0.8 µm		
	Seat/plug seal	Metal-to-metal, soft (PEEK)		
	Stem guiding or diaphragm	PTFE and PEEK guiding		100% PTFE diaphragm
	Other	Special attachment of actuator and accessories to achieve 3-A compliance		
EHEDG (Type EL Class I) approved configurations	Valve size	DN 25 to 100/NPS 1 to 4	DN 32 to 100/NPS ¼ to 4	DN 15 to 100/NPS 1 to 4
	$K_{vs}/C_v$	0.4 to 160/0.5 to 190		
	Body material	1.4409/CF3M	1.4404/316L 1.4435/316L	1.4435/316L
	Internal roughness	Ra ≤ 0.8 µm		
	Seat/plug seal	Metal-to-metal		
	Leakage detection	Yes		
	End connection	– BW: all standards – Threaded: DIN 11864-1 form A, DIN 11853-1 form A, DIN 11851-2***, ISO 2853*** – Clamp: DIN 11864-3 form A, DIN 11853-3 form A, DIN 32676, ISO 2852, BS 4825 – Aseptic flange: DIN 11864-2 form A, DIN 11853-2 form A		
	Stem guiding or diaphragm	PTFE guiding	PTFE guiding	PTFE diaphragm

\*\*\* Special seal to be used by end user

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