

Satron SAVE H is a pneumatically actuated sampling valve designed for high-consistency wood pulps and/or pulp containing shives and knots.

The sampler is suitable for all pulp sampling applications in the pulp and paper industry.



TECHNICAL SPECIFICATIONS

Applicability

- Consistency range 0...18 % Cs

Process pressure

- Minimum process pressure for different consistencies: refer to Fig 1
- Maximum process pressure: 2,5 MPa (25 bar), fiberglass-reinforced plastic process coupling 1MPa(10 bar)

Supply air pressure p_s (AD actuator)

- $0,5\text{MPa} < p_s < 0,8\text{MPa}$, ($5\text{ bar} < p_s < 8\text{ bar}$)
- $p_s = 0,6\text{MPa}$ recommended
- Pneumatic actuator has a return spring that shuts the valve when pressure is lost.

Connectors

- Water flushing connector: R3/4
- Pneumatic connectors for cylinder: R1/4 (R1/8 adapters included)
- Pneumatic connectors for regulating valve: R1/8

Materials

- Parts in constant contact with process medium: EN 1.4404 (AISI316L) + UNS S21800 (Nitronic 60) or EN 3.7035(Ti-II)
- Other parts: EN 1.4404 (AISI316L), aluminium alloy

Couplings

- Normal coupling is a clamp mounted standard coupling for the valve.
- Blow line coupling is suited for abrasive applications for example digester blow line.

European Directive Information

Machinery Directive 2006/42/EC

- Assessment of conformity with internal checks on the manufacture of machinery.

Pressure Equipment Directive (PED) (97/23/EC)

- Sound Engineering Practice

Weight

SAVE H SA 7 kg
SAVE H FA 13 kg

Selection Chart		SAVE H					
Mounting types							
SAH	Clamp						
FAH	Flange DN80 PN40						
Material for sampler							
2	EN 1.4404 (AISI316L)						
6	EN 3.7035 (Titaani Ti-II)						
Material for process coupling							
0	No process coupling						
2	EN 1.4404 (AISI316L)						
6	EN 3.7035 (Titanium Ti-II)						
9	Fibreglass-reinforced plastic						
Coupling type							
0	No process coupling	1	Normal				
2	Blow line DN150	3	Blow line DN200-250				
4	Blow line DN300-400	5	Blow line DN500-700				
Function							
AD	Pneumatic						
Open / closed detector							
0	None						
1	Yes (for pneumatic actuator only)						

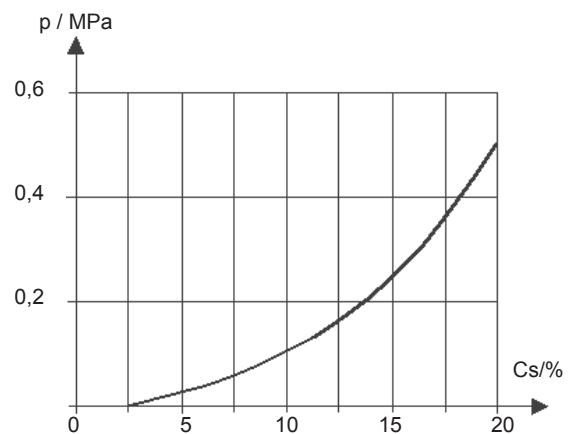


Figure 1 Minimum process pressure at different consistencies

Dimensions

