

## INSTRUMENTATION - valves



### Needle valve H-300 type

**Body material:** AISI 316  
**Stem material:** AISI 316  
**Valve seal:** Metal / metal (AISI 316)  
**Throttle seal:** PTFE  
**Working temp.:** Up to +230°C  
**Working press.:** Up to 345 bar  
**Connection:** LET-LOK® connectors, NPT, BSPT, BSP threads

High pressure needle valve designed to be assembled in an installation or for panel mounting. Features compact construction and relatively high flow rate. Two versions: straight and 90 elbow. As a standard equipped with V-type stem (close-open valve position). Versions with a regulating stem or non-rotating stem with soft, non-rotating seal are available on request. All valves are pressure tested before shipment.

code	connection size	flow diameter [mm]	stem	length [mm]
LET-LOK® metric connections				
HM-H300-SS-LM-03-VRS	3 mm	2	V-stem	50.8
HM-H300-SS-LM-06-VRS	6 mm	4.4		58.8
HM-H300-SS-LM-08-VRS	8 mm	4.4		58.8
HM-H300-SS-LM-10-VRS	10 mm	6.4		66.4
HM-H300-SS-LM-12-VRS	12 mm	6.4		76.2
LET-LOK® imperial connections				
HM-H300-SS-LC-02-VRS	1/8"	2	V-stem	50.8
HM-H300-SS-LC-04-VRS	1/4"	4.4		58.8
HM-H300-SS-LC-06-VRS	3/8"	6.4		66
HM-H300-SS-LC-08-VRS	1/2"	6.4		71.6
HM-H300-SS-LC-12-VRS	3/4"	9.5		97
NPT female thread				
HM-H310-SS-N-02-VRS	1/8"	4.4	V-stem	41.2
HM-H310-SS-N-04-VRS	1/4"	6.4		54.0
HM-H310-SS-N-06-VRS	3/8"	9.5		76.2
HM-H310-SS-N-08-VRS	1/2"	9.5		76.2
NPT male thread				
HM-H380-SS-N-02-VRS	1/8"	4.4	V-stem	50.8
HM-H380-SS-N-04-VRS	1/4"	4.4		50.8
HM-H380-SS-N-06-VRS	3/8"	6.4		57
HM-H380-SS-N-08-VRS	1/2"	9.5		76.2

#### Other needle valves

<b>H-1200</b> 	<p>Low pressure toggle valve made of AISI 316 steel or brass. Full flow opens with 90° lift of the lever. When the lever is pushed down, the valve is closed by the spring. 1/8" and 1/4" sizes with LET-LOK® connectors and threaded connections. Working pressure 21 bar. Working temperature up to +93°C.</p>
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