

## INSTRUMENTATION - valves



### Ball valve H-6800 type

**Body material:** AISI 316  
**Ball material:** AISI 316  
**Ball seal:** TFM®1600 (PTFE, PEEK - option)  
**Working temp.:** TFM®1600 - up to +210°C  
                   PTFE - up to +140°C  
                   PEEK - up to +260°C  
**Working press.:** TFM®1600 - up to 206 bar  
                   PTFE, PEEK - up to 410 bar  
**Connection:** LET-LOK® type connectors,  
                   NPT, BSPT, BSP threads

High pressure two-way ball valve designed to be assembled in an installation or for panel mounting. Lever made of Nylon (black as standard, blue, red, green and yellow and metal lever available on request). ISLT version equipped with a padlock used to lock the position of the lever. Available also as a two-way 90 version or three-way version (bottom inlet). Pneumatic control available on request. All valves are pressure tested before shipment.

code	connection size	flow diameter [mm]	seal	length [mm]	body material
LET-LOK® metric connectors					
HM-H6800-SS-LM-03-PSS	3 mm	2.4	TFM®1600	78.6	AISI 316
HM-H6800-SS-LM-06-PSS	6 mm	4.8		83.6	
HM-H6800-SS-LM-08-PSS	8 mm	4.8		84.8	
HM-H6800-SS-LM-10-PSS	10 mm	4.8		86.4	
HM-H6800-SS-LM-12-PSS	12 mm	10.3		102.5	
HM-H6800-SS-LM-18-PSS	18 mm	10.3		102.5	
LET-LOK® imperial connectors					
HM-H6800-SS-LC-01-PSS	1/16"	1.3	TFM®1600	70.2	AISI 316
HM-H6800-SS-LC-02-PSS	1/8"	2.4		78.6	
HM-H6800-SS-LC-04-PSS	1/4"	4.8		83.6	
HM-H6800-SS-LC-06-PSS	3/8"	4.8		86.3	
HM-H6800-SS-LC-08-PSS	1/2"	10.3		102.5	
HM-H6800-SS-LC-12-PSS	3/4"	10.3		102.5	
NPT female thread					
HM-H6810-SS-N-02-PSS	1/8"	4.8	TFM®1600	63.6	AISI 316
HM-H6810-SS-N-04-PSS	1/4"	4.8		63.6	
HM-H6810-SS-N-06-PSS	3/8"	4.8		69.6	
HM-H6810-SS-N-08-PSS	1/2"	10.3		87.4	
HM-H6810-SS-N-12-PSS	3/4"	10.3		91	
BSPT female thread					
HM-H6810-SS-R-02-PSS	1/8"	4.8	TFM®1600	63.6	AISI 316
HM-H6810-SS-R-04-PSS	1/4"	4.8		63.6	
HM-H6810-SS-R-06-PSS	3/8"	4.8		69.6	
HM-H6810-SS-R-08-PSS	1/2"	10.3		87.4	
HM-H6810-SS-R-12-PSS	3/4"	10.3		91	
NPT male thread					
HM-H6880-SS-N-02-PSS	1/8"	4.8	TFM®1600	67.6	AISI 316
HM-H6880-SS-N-04-PSS	1/4"	4.8		76.6	
HM-H6880-SS-N-06-PSS	3/8"	4.8		76.6	
HM-H6880-SS-N-08-PSS	1/2"	10.3		92.4	
HM-H6880-SS-N-12-PSS	3/4"	10.3		94.4	