

# VLM

**VLM** valves are shut-off and lamination devices particularly suitable for use within the field of installations for the distribution of natural gas, as well as for supply networks for civil and industrial use. The main features of these valves are:

- body in top-entry execution suitable for flanged coupling;
- soft insert on the seat for a better seal;
- balanced plug for easier opening and closing;
- possibility of incorporating the silencer; the slam-shut valve, the second plug in series with the main one.



Compression stations



First stage stations



Electric power plants



Gas liquefaction



LNG sea transport



Heavy industry



Gas storage



Biremi



Regasification

Features	Values
Maximum inlet pressure	Up to 100 barg
Room temperature	from -20 °C to +60 °C from -4 °F to +140 °F
Inlet gas temperature	from -20°C to + 60°C from -4 °F to +140 °F
Nominal dimensions DN	DN 25 / 1"; DN 50 / 2"; DN 80 / 3"; DN 100 / 4"; DN 150 / 6"; DN 200 / 8";
Connections	Class 150-300-600 RF or RTJ, complies with ANSI B16.5 and PN 16 as per EN 1092, ISO 7005.
NOTE: Different operating features available on request.	

**Table 1** Features

## Materials and Approvals

Part	Materials
Body	ASTM A 352 LCB steel for ANSI 600 and 300 classes; ASTM A 216 WCB steel and ductile iron GS 400-18 ISO 1083 for ANSI 150 and PN 16 classes.
Control	ASTM A 350 LF2 steel
Stem	AISI 416 stainless steel
Plug	ASTM A 350 LF2 Nickel coated
Seat	Vulcanised Nitrile Rubber on metal support,
O-rings	Nitrile rubber

NOTE: The above materials refer to standard versions. Different materials can be provided for specific needs.

**Table 2** Materials

The product is certified according to European Directive 2014/68/EU (PED).  
Tightness class: class VI as per ANSI/FCI 70-2.



PED-CE

## VLM competitive advantages



Compact design



Top entry



Easy Maintenance



Low noise level



Built-in accessories



Available in special versions  
for pure or blended hydrogen