



# Emergency Shut-off Valve

Mod. 23-26



## APPLICATION

It's a Protection System in according with Directive 2014/34/EU and harmonized standard EN ISO 13617-2. The emergency shut-off valve is installed in the fuel delivery line and is designed to protect from danger of product loss by closing the flow of fuel in case of accident, damage or fire. Shear valve is available in single poppet model, or double poppet model when the closure of both lines from the underground storage tank (inlet) and to dispenser (outlet) is required. The valve allows full flowing capacity with normal operation

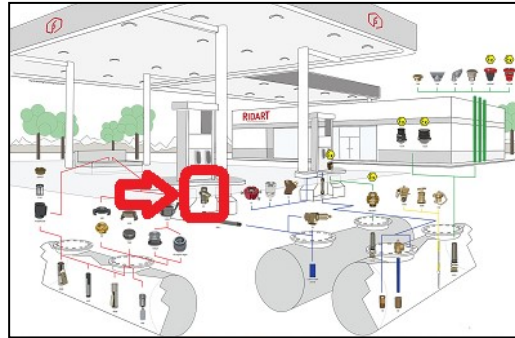


CE Ex G II cat.2

## ATTENTION

The best performances allowed by the new regulation:

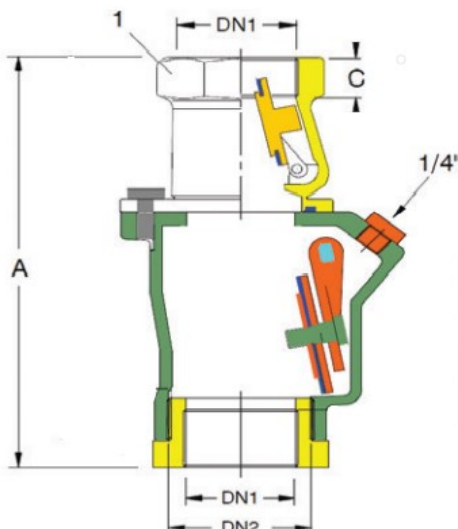
- Max operational temperature 60°C.
- Max operational pressure 6 bar.
- Pin fusion temperature 72 °C.
- Separating force 450/500 N



## CHEMICAL SUITABILITY

- Standard model is for traditional fuel without additives
- "PTFE" coated model is for special fuel, non-aggressive solvents or chemical products

#	PART	Fig. 23 & 26	Fig. 23 & 26 PTFE
1	BODY	CAST IRON	CAST IRON + PTFE COATING
2	SCREWS		STAINLESS STEEL
3	POPPET	BRASS	BRASS + PTFE COATING
4	SEAL	VITON®	TEFLON®
5	POPPET SCREWS		STAINLESS STEEL
6	SUPPORT		STAINLESS STEEL



PRODUCT	Mod. 23	Mod. 26
STANDARD MODEL CODE	090900	090905
PTFE MODEL CODE	090900 PTFE	090905 PTFE
THREAD (DN 1)	1"1/2 BSP F	1"1/2 BSP F
THREAD (DN 2)	2" BSP F	2" BSP F
HEIGHT (A)	160   175	160   175
CLOSE SYSTEM	1 POPPETS	2 POPPET
FREE CUBE SPACE mm	120	120
FLOW l/min (5 bar)	685	550

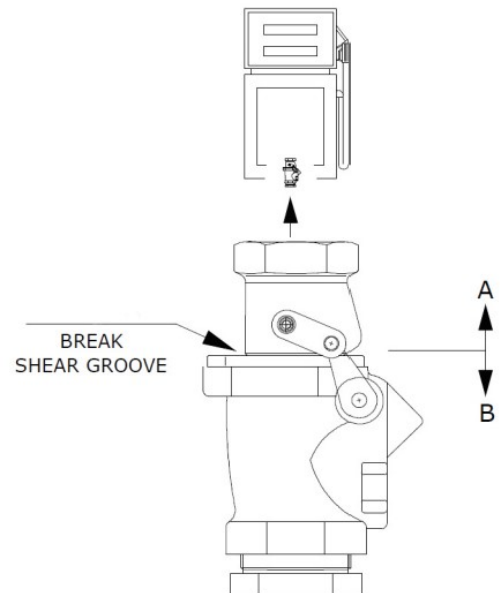
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Product Certification, Declaration of Conformity, User Manual and Testing on: [www.ridart.it/support](http://www.ridart.it/support)

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## INSTALLATION

- Protection System is unidirectional, it is only for vertical installation.
- The valve shall be installed under the dispenser in presence of a submersible pumping system.  
The shut off device closes immediately the supply line in case of accident.
- It's important to screw the pipe not the valve, hold valve with max 20Nm.
- After installing the valve (max 20Nm), load the spring and secure the safety pin.
- The valve is normally supplied open and also is provided with test port for air-testing services
- The body must be rigidly anchored to a structural member within the island (B zone) and also to the dispenser (A zone).  
Shear groove must be at the same level of pedestal island (+/- 10mm).
- If the valve will remain closed, could damage the pump system.
- For correct installation follow the Directives and product User Manual.



## CAUTION

Failure to provide a proper fastening of the valve may result in the valve remaining open or when a severe impact occurs the inlet pipe could break causing a hazardous situation.  
Before fixing pipes to the valve be sure to use a gasoline-resistant compound for threads on inlet and outlet pipe.  
Valve is designed even to allow pressure testing in the line by means of a 1/4" BSPT port plug.  
Do not use PTFE pipe tape which may lead to an overtightening during the installation and as a result of that the valve breaking.  
Use only connection parts (inlet/outlet pipes or fittings) manufactured in accordance with the European standards in order to avoid risks of wrong connections causing damages to the valves or pipes that may cause hazardous conditions.  
**WARNING:** do not overtighten during installation as this may damage the valve causing an improper operation.

## MAINTENANCE

- Periodically check the device is necessary to remove possible dirty.
- Always replace the product after fire, deflagration or crash.
- In case of tampering warranty expires and safety protection is not guaranteed.

## SPARE PARTS

CODE	DESCRIPTION
090901	Upper Connection Mod. 23
090906	Upper Connection Mod. 26



## YOU MAY ALSO BE INTERESTED IN:

CODE	DESCRIPTION	
27-40-01	Shut Off aluminium Mod. 27	
28-40-01	Shut Off aluminium Mod. 28	
30-40	Shear check valve Mod. 30	
31-25-40 SS	Shear valve Stainless Steel Mod. 31	

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