



SHEAR CHECK VALVE

Mod. 30



APPLICATION

The check valve Ridart is a Protection System in accordance with Directive 2014/34/EU and harmonized standard. Installed in the delivery line, shear check valve is designed to hold the fuel and avoid its spillage in a suction pumping system of fuel dispensers in the event of severe impact on the dispenser.

In case of the valve separation, the single poppet closes the line from the part of the dispenser (outlet). The shear check valve ensures full flowing capacity with normal operation. The valve can be installed under the dispenser in presence of a suction pumping system. The shear valve closes immediately the suction line in case of accident.



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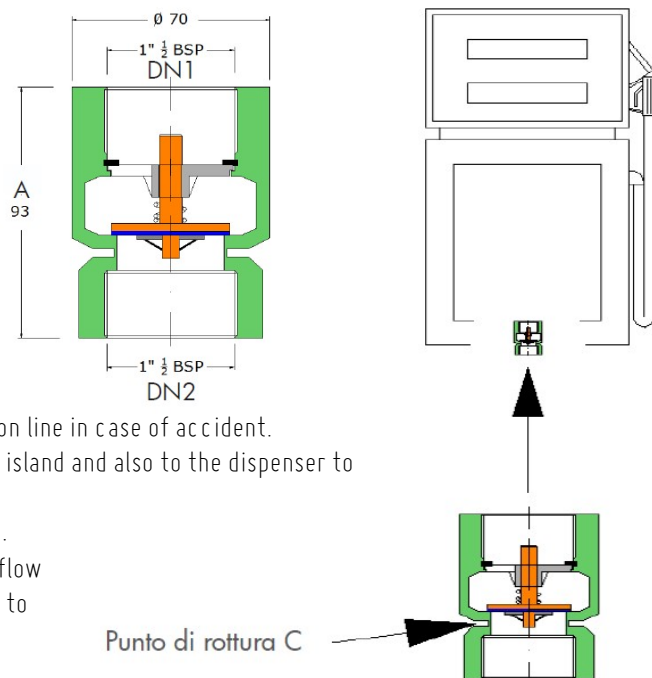
CHEMICAL SUITABILITY

- Standard model is for traditional fuel without additives.

DIMENSIONS

PARTI	STANDARD
BODY	ALUMINIUM
O-RING/GASKET	VITON®
POPPET	BRASS
SPRING	STAINLESS STEEL
SEPARATION FORCE	65 N
FLOW RATE	65 l/min
WORKING TEMPERATURE	- 20°C + 60°C

CODE	DN1	DN2	A
30-40	1" 1/2 BSPP F	1" 1/2 BSPP F	93 mm



INSTALLATION

- The valve can be installed under the dispenser in presence of a suction pumping system. The shear valve closes immediately the suction line in case of accident.
- The body must be firmly anchored to a structural element within the island and also to the dispenser to make sure that the shear section breaks in the event of a collision.
- Shear groove must be at the same level of pedestal island (+/- 10mm).
- The valve must be installed vertically and the up arrow indicates the flow of liquid towards the dispenser. Before fixing pipes to the valve be sure to use a gasoline-resistant compound for threads on inlet and outlet pipe.
- Do not use PTFE 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.
- Contact our technical department for custom application or maintenance by email to: quality@ridart.it
- Product Certification, Declaration of Conformity and User Manuals are available on: www.ridart.it/support
- Dichiarazione di conformità e manuale d'uso sono consultabili al link: www.ridart.it/support.

MAINTENANCE

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

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Certificazioni, Dichiarazioni di conformità, manuali d'uso e test : www.ridart.it/support

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