



Adjustable Angle Valve

Mod. 60 B



APPLICATION

It's a device in according with Directive 2014/34/EU and harmonized standard.
 This angle check valve is designed to prevent product siphoning in an aboveground storage tanks and to stop the fuel leaking in case of a break in the pipework, therefore prevent environmental pollution and fire hazards.
 The valve is also provided with a pressure relief valve which opens at around fix point in case of pressure rising in the pipeline upon spring force, chose your spring to set the opening pressure.
 The valve is only intended for installation on top of aboveground tanks.



CE Ex II 2 G

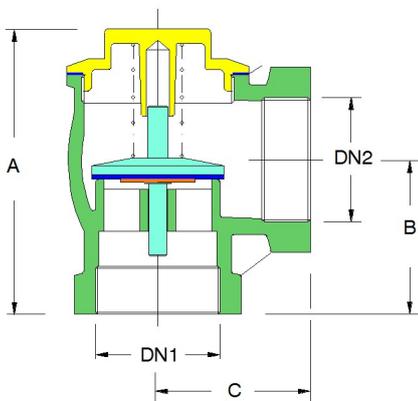
CHEMICAL SUITABILITY

- Standard Model is for traditional fuel without additives.
- PTFE coated is a model for special fuel, non-aggressive solvents or compatible chemical products.

| PARTS | STANDART | PTFE |
|-------------------------|-----------------|----------------------|
| BODY | BRASS | BRASS + PTFE COATING |
| O-RING SEAL | VITON® | TEFLON® |
| POPPET | BRASS | STAINLESS STELL |
| SPRING | STAINLESS STELL | STAINLESS STELL |
| PRESSURE RELIEF VALVE | 1,5 bar | 1,5 bar |
| MAX WORKING TEMPERATURE | - 20°C + 60°C | - 20°C + 60°C |
| MAX WORKING PRESSURE | 10 PN | 10 PN |



DIMENSIONS



| CODE | DN1 | DN2 | A | B | C |
|--------|--------------|--------------|-----|----|----|
| 60B-25 | 1" BSPP F | 1" BSPP F | 95 | 45 | 45 |
| 60B-32 | 1"1/4 BSPP F | 1"1/4 BSPP F | 95 | 45 | 45 |
| 60B-40 | 1"1/2 BSPP F | 1"1/2 BSPP F | 100 | 55 | 55 |
| 60B-50 | 2" BSPP F | 2" BSPP F | 130 | 70 | 70 |

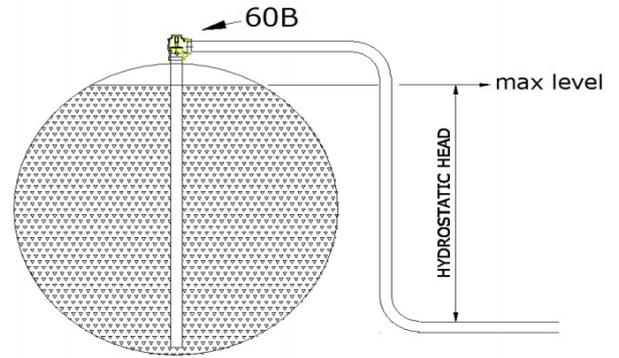
RIDART s.r.l. via Adua, 17 - 21045 Gazzada Schianno (VA) ITALY P.IVA/C.F. IT 01454770122
 www.ridart.it info@ridart.it +39 0332 463301

Product Certification, Declaration of Conformity, User Manual and Testing on: www.ridart.it/support
 The Data and Images are not binding. We reserve the right to make changes without notice. Pressure & Flow Tolerances ±20%.

INSTALLATION END ADJUSTMENT

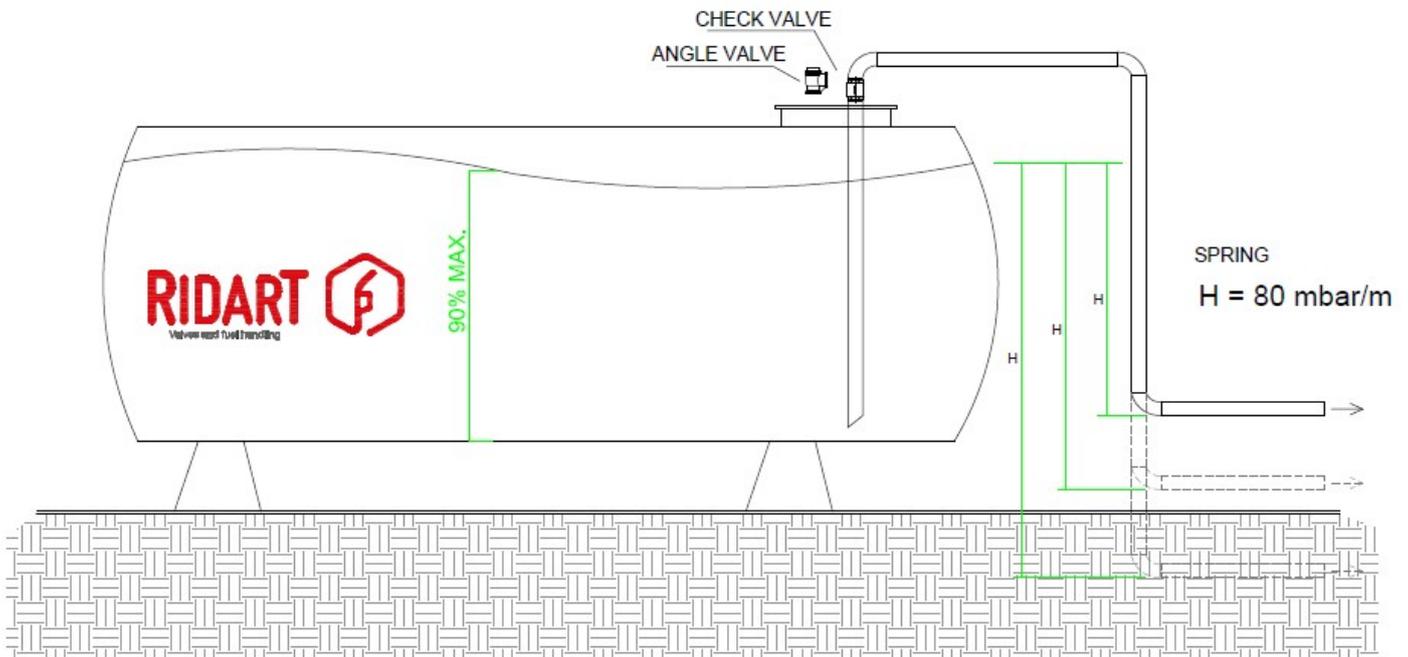
- The valve is installed at the highest point of the tank, normally on the manhole cover.
- The valve is set up in the factory without spring.
- To adjust the valve chose your spring color to set specific pressure.
- After adjustment of the pressure value, fix the cap again not before have checked the integrity of the seal
- For correct installation follow the Directives and product User Manual.
- For custom application or maintenance write to: quality@ridart.it.
- Declaration of Conformity and User Manual are available on:

www.ridart.it/support



SPRING SETUP

| SPRING | DIAMETER | HEIGHT | COILS | WIRE | PRESSURE | VALVE |
|-----------------|----------|--------|-------|------|----------|-----------------|
| 60B-32-1 BLUE | 30 | 60.5 | 8 | 2.8 | 600 mbar | 60B-25 & 60B-32 |
| 60B-32-2 WHITE | 30 | 58 | 7.5 | 2 | 150 mbar | 60B-25 & 60B-32 |
| 60B-32-3 GREEN | 30 | 63 | 7.5 | 2.5 | 450 mbar | 60B-25 & 60B-32 |
| 60B-32-4 YELLOW | 30 | 56 | 7 | 2.5 | 300 mbar | 60B-25 & 60B-32 |
| 60B-50-1 BLUE | 32.4 | 50 | 5 | 3.2 | 600 mbar | 60B-40 & 60B-50 |
| 60B-50-2 WHITE | 30.4 | 50 | 5 | 2,2 | 150 mbar | 60B-40 & 60B-50 |
| 60B-50-3 GREEN | 31 | 50 | 5.25 | 3 | 450 mbar | 60B-40 & 60B-50 |
| 60B-50-4 YELLOW | 30.2 | 50 | 5.25 | 2.6 | 300 mbar | 60B-40 & 60B-50 |



MAINTENANCE

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



RIDART s.r.l. via Adua, 17 - 21045 Gazzada Schianno (VA) ITALY P.IVA/C.F. IT 01454770122

www.ridart.it info@ridart.it +39 0332 463301

Product Certification, Declaration of Conformity, User Manual and Testing on: www.ridart.it/support

The Data and Images are not binding. We reserve the right to make changes without notice. Pressure & Flow Tolerances $\pm 20\%$.