

Adjustable Angle Check Valve

Mod. 55 B



EX II 2G



APPLICATION

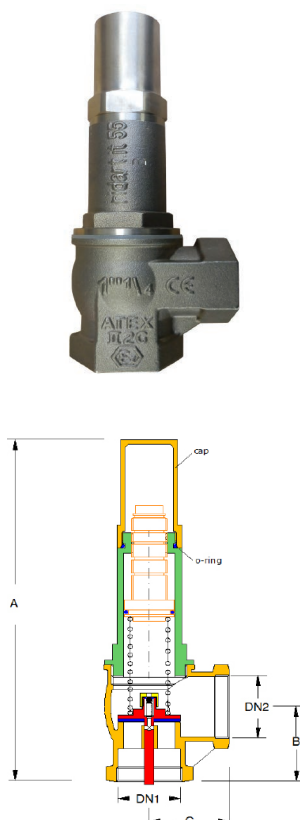
The valve is designed to prevent siphoning of liquid from an aboveground tank to the suction pipe installed at a lower level.

The valve is also provided with a pressure relief valve which opens at around 1,5 bar in case of pressure rising in the pipeline.

Once the valve installed and adjusted, the cap on top of the valve can be sealed.

CHARACTERISTICS

Housing	Brass
Thread	BSP ISO 228-1
O-ring seal	Viton
Spring	Stainless steel
Max.working temperature	- 40 ° +90 ° C
Max.working pressure	10 PN
Pressure relief valve	1,5 bar



DIMENSIONS

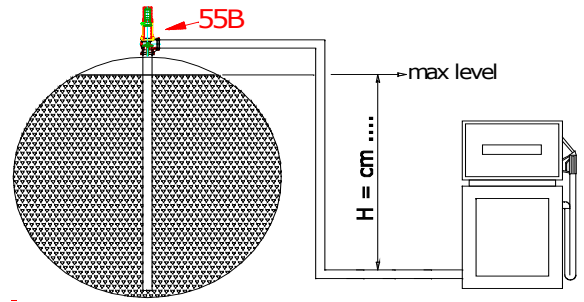
Article No.	DN 1	DN 2	A	B	C
092210	1" BSP Female	1" BSP Female	220	50	50
092215	1"1/4 BSP Female	1"1/4 BSP Female	220	50	50
092220	1"1/2 BSP Female	1"1/2 BSP Female	235	53	53
092225	2" BSP Female	2" BSP Female	265	70	70



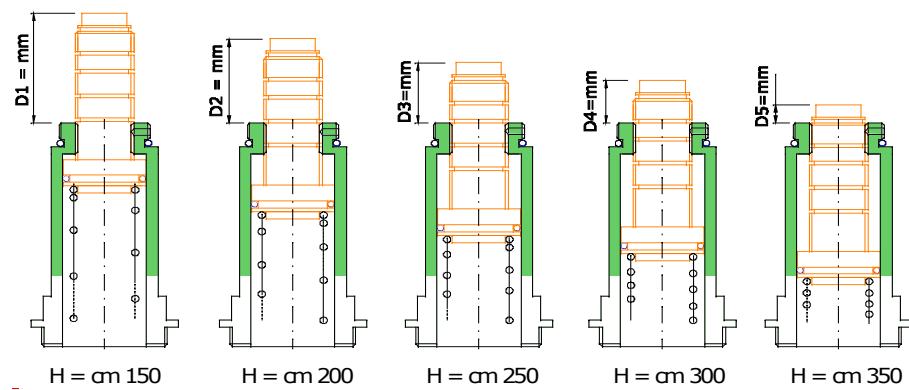
INSTALLATION AND ADJUSTMENT

Ref.S

- The valve is installed at the highest point of the tank, normally on the manhole cover.
- The valve is set up in the factory with random parameters: the final adjustment should be made after installation.
- The value "D" of the diagram F corresponds to the measure required to open the valve at a certain pressure value that, to make it easy, is marked with grooves on the spindle. These grooves are related to the exact height H of the diagram S that shows the tank and the dispenser.
- In order to adjust the valve remove the brass cap and screw up (to increase the force) or unscrew to obtain the needed value H.
- After adjustment of the pressure value, fix the cap again not before have checked the integrity of the O-ring seal.



Ref.F



REGULATION PARAMETERS

Article No.	D1	D2	D3	D4	D5
092210	44.5	37	26	19	10
092215	44.5	37	26	19	10
092220	42	29	23	17	7.5
092225	40	32	24	16	7.5

INSTALLATION DIAGRAM

