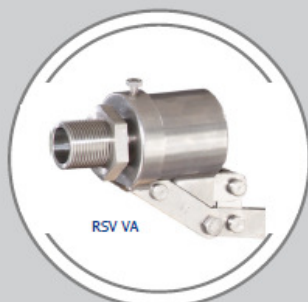
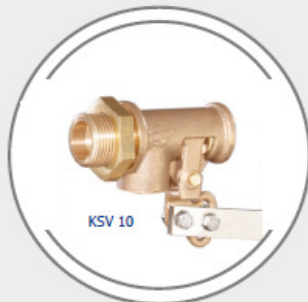
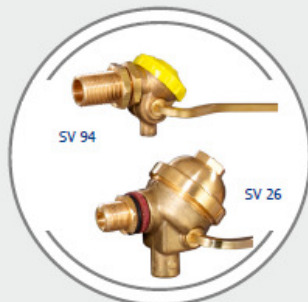
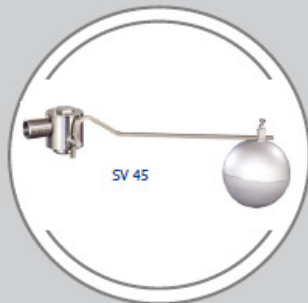


# Float Valves

## Level Control...



Ultra-solid and reliable float valves are the root of our current wide-ranging valve program: in 1917, the plumber Jean Bergner got the German Patent for his invention of a robust and reliable float valve; in 1920 he established his company named Berluto. Initially designed for the use as toilet flushing, in these days our float valves are used worldwide in agriculture and industry, implemented for the filling of separation or storage systems respectively its level regulation, such as poultry drinking troughs, humidifiers, car washers, booster stations, pool or pond constructions, etc. And still to this day our technology is so highly developed and up-to-date that it is even applied in train and air craft industry.

Our float valves are regulating inflow and level reliably without any auxiliary power or sensitive sensors, just along the lines: simply install it and it's done! And moreover: if extremely aggressive or abrasive media are being used, the only genuine wearing parts nozzle and seal can be replaced easily. This cannot always be assumed for competing float valves.

No matter what kind of media should be used or which flow is required – in our range you will always find the adequate float valve made of brass, gunmetal or stainless steel, with seals of NBR or Viton (FPM) and floats of Hostalen (PE), copper or V4A-steel.

### Series SV: For Small Storage Tanks

The small SV-series starts with type SV 94 made of brass (optionally with plastic or brass cap) for reduced flow rates or pressures (up to 6 bar). For higher working pressures (up to 12 bar) we recommend our SV 26 valve, entirely made of brass. The latest type of this series is the

SV 45, completely produced of stainless steel (1.4571) and applicable for working pressures up to 10 bar. For all valves of our SV-series we offer matching floats of either Hostalen (PE), copper or stainless steel (V4A).

Type	$p_{max}$ / bar	Nominal Size	kvs / m <sup>3</sup> /h	Valve Body	Seal	Floats
SV 94	6	DN 10 - DN 15	0.2 - 0.3	Brass	NBR	PE, Copper, V4A
SV 26	12	DN 10 - DN 15	0.3 - 0.4	Brass	NBR	PE, Copper, V4A
SV 45	10	DN 10 - DN 20	0.3 - 0.4	Stainless Steel (1.4571)	FPM	PE, Copper, V4A
KSV 10	6, 8, 12	DN 15 - DN 40	2.0 - 13	Gunmetal	NBR, FPM	Copper, V4A
RSV O	6, 8, 12	DN 10 - DN 80	1.2 - 72	Brass	NBR	Copper, V4A
RSV G	6, 8, 12	DN 10 - DN 80	1.9 - 48	Brass	NBR	Copper, V4A
RSV VA	6, 8	DN 15 - DN 65	2.1 - 48	Stainless Steel (1.4571)	FPM	V4A

### Series KSV: Allrounder made of Gunmetal

The KSV-series is our allrounder in the middle range whenever SV-valves might be too small or RSV-valves are too big. The KSV-series valves are working with a regulating piston, bodies are made of gunmetal, nozzles and seals are easily replaceable. Furthermore, these valves are

very cost-effective and their dimensions are compatible with numerous industrial float valves. Matching floats out of copper or stainless steel (V4A) are available.

### Series RSV: Highly Robust Reservoir Valves

Whenever robust valves for high inlet pressures and/or large flows are required the float valves of our RSV-series are brought into action. RSV-series valves are available in open (RSV O) or closed (RSV G) design for working pressures up to 12 bar and kvs-values from 1.2 m<sup>3</sup>/h up to 72 m<sup>3</sup>/h. Due to the special leverage all RSV-valves get along with a relatively short float arm. Seals can be inspected and replaced without dismantling the entire

valve. RSV-valves are made of brass or stainless steel (RSV VA). The RSV VA is equipped with Viton (FPM) seals and allows media temperatures up to 190 C. For all RSV-valves we offer matching floats, either of copper or stainless steel (V4A).