

Soft Sealing Ball Float Valve Fig. VA610

Specification

- ✓ Diaphragm operated hydraulic remote float control valve
- ✓ Automatically maintains a preset water level in tanks and reservoirs
- ✓ Operates automatically by pipeline pressure without external power supply
- ✓ Flanged to BS EN 1092-2, PN10 / PN16
- ✓ Ductile Iron body and bonnet to EN 1563, EN-GJS-450-10
- ✓ Nylon reinforced EPDM diaphragm
- ✓ Adjustable remote float pilot assembly
- ✓ Built-in strainer and needle valve for reliable and stable operation
- ✓ Suitable for water service

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-450-10
2	Body Seat	Bronze	EN 1982 CuAl10Fe2
3	Disc	Ductile Iron	EN 1563 EN-GJS-450-10
4	Seal Ring	Rubber	D2000 EPDM
5	Gasket	Rubber	D2000 NBR
6	Bonnet	Ductile Iron	EN 1563 EN-GJS-450-10
7	Piston	Bronze	EN 1982 CuAl10Fe2
8	Lever	Stainless Steel	EN 10088 X5CrNi18-10
9	SS Tube	Stainless Steel	EN 10088 X5CrNi18-10
10	Connection Block	Stainless Steel	EN 10088 X5CrNi18-10
11	Holding Stem	Ductile Iron	EN 1563 EN-GJS-450-10
12	Gurde	Stainless Steel	EN 10088 X5CrNi18-10
13	Fastener	Stainless Steel	EN 10088 X5CrNi18-10
14	Floating Ball	Stainless Steel/PVC	

Corrosion Protection

Internally and externally Fusion Bonded Epoxy Powder Coated (FBE)

APPLICATION

Suitable for automatic water level control in water tanks, reservoirs and water supply systems

PRESSURE/ TEMPERATURE RATING

✓ 10/16 bar from - 0°C to 120°C

HYDROSTATIC TEST PRESSURE

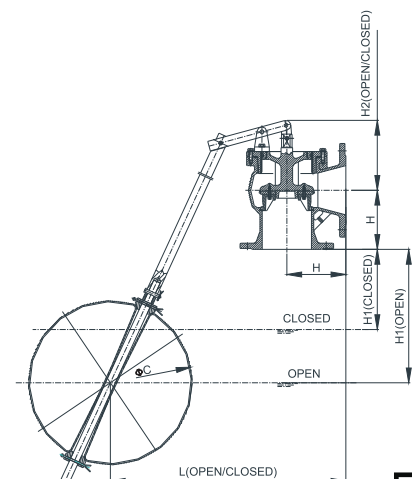
- ✓ PN10: Shell - 15 bar Seat - 11 bar
- ✓ PN16: Shell - 24 bar Seat - 17.6 bar

Features & Benefits

- ✓ Automatic Water Level Control – Maintains a preset water level in tanks and reservoirs
- ✓ Self-Actuated Operation Operates hydraulically using line pressure without external power
- ✓ Built-in Strainer Protects the pilot control circuit from debris and impurities
- ✓ Reliable Diaphragm Design Nylon-reinforced EPDM diaphragm ensures dependable operation and long service life

Main Dimensions (mm)

Size	DN50	DN80	DN100	DN150	DN200
ΦC	350	350	400	480	480
H	110	130	140	180	220
L(Closed)	845	1147	1267	1327	1761
L(Open)	636	807	858	872	1151
H1(Closed)	165	246	246	304	322
H1(Open)	417	640	717	740	964
H2(Closed)	138	169	190	232	286
H2(Open)	112	140	160	213	255



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

