

4-WAY BI-LEVEL VERTICAL FLOAT

Model 66 Float

This 4-Way, adjustable, last position bi-level vertical float, is actuated by the float sliding along the rod assembly to either pull it down or float it up, switching the float pilot position. When the float is between the adjustable high and low level stoppers, the main valve remains in its last position.

The float pilot directs flow and pressure between its ports:

- The float pushes the upper stopper up, it connects port "P" to "C1" and port "C2" to "V."
- When the float pulls the lower stopper down, it connects port "P" to "C2" and port "C1" to "V."

The extendable rod is to be balanced by counterweights installed on the lever system according to rod length and system pressure.

Technical Data

Pressure Rating: 25 bar

Water Temperature Range: 0-80 °C

Flow Factor: Kv 0.17

Standard Materials:

Pilot Body: Brass

Elastomers: NBR

Internal Parts: Stainless Steel & Brass

Lever System: Brass

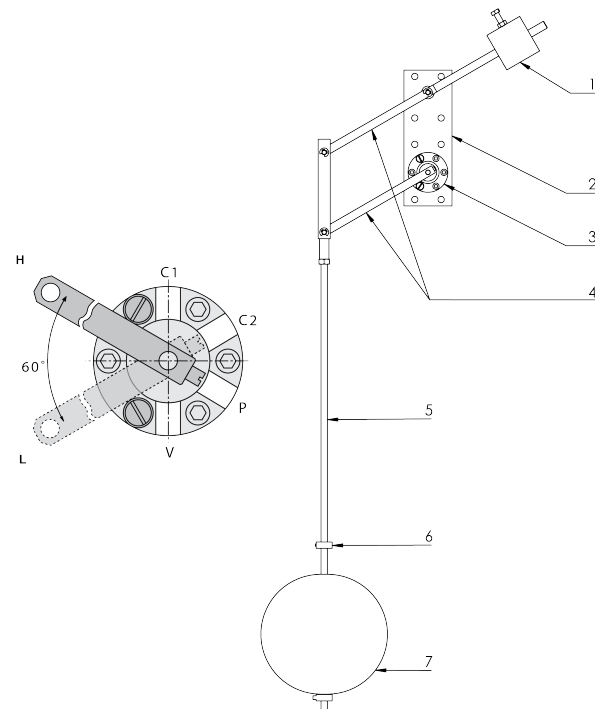
Float: Plastic

Float Rod: Stainless Steel

Base Plate: Stainless Steel 316

Optional Materials:

Elastomers: EPDM, FPM (Viton®)



Port	Size	Connections
C1	1/8" NPT	Reservoir inlet - Upper control chamber; Reservoir outlet - Lower control chamber
C2	1/8" NPT	Reservoir inlet - Lower control chamber (or plugged); Reservoir outlet - Upper control chamber
P	1/8" NPT	Upstream pressure
V	1/8" NPT	Vent

Float hydraulic connections: 3 tubes size 3/8"

Part	Description
1	Balancing weight
2	Base plate
3	Float Pilot
4	Lever system
5	Float Rod
6	High level stopper
7	Float

Level differential range: 15-54 cm; 6-21"

Each extension rod adds 56 cm; 22". One extension rod supplied
Extra counterweight required if second extension rod used