

2-WAY MODULATING VERTICAL FLOAT

Model 67 Float

This adjustable 2-Way Modulating Vertical Float is actuated by the "locked in place" float either pulling the float assembly rod down or floating it up.

This float can be used to control reservoir filling or emptying:

- When used as a filling level control pilot, it throttles closed as level rises towards set point.

- When used as an emptying level control pilot, it modulates open as level rises towards set point.

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 1.3

Standard Materials:

Pilot Body: Brass

Elastomers: NBR

Internal Parts: Stainless Steel & Brass

Lever System: Brass

Float: Plastic

Float Rod: Stainless Steel

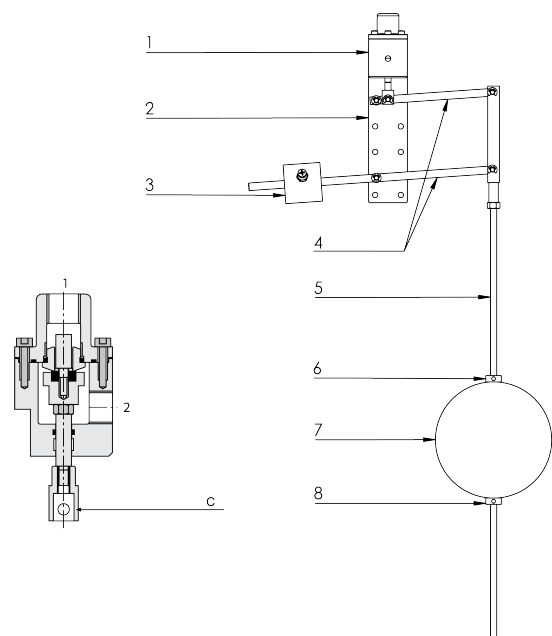
Base Plate: Stainless Steel 316

Optional Materials:

Pilot Body: Stainless Steel, Nickel Aluminum Bronze

Elastomers: EPDM, FPM (Viton®)

Lever System: Stainless Steel, Nickel Aluminum Bronze



Port	Size	Connections
1	3/8" NPT	Reservoir inlet (Model: 67) - Control chamber; Reservoir outlet (Model: 67A) - Vent
2	3/8" NPT	Reservoir inlet (Model: 67) - Vent; Reservoir outlet (Model: 67A) - Control chamber
C		Lever system connection

Float hydraulic connections: 1/2" or larger tube

For 24-32"; 600-800 mm valves use the high capacity float pilot Model #67HC

Part	Description
1	Float Pilot
2	Base plate
3	Balancing weight
4	Lever system
5	Float Rod
6	Upper stopper
7	Float
8	Lower stopper

Rod length: 54 cm; 21"

Each extension rod adds 56 cm; 22". One extension rod supplied

Extra counterweight might be required according to rod length and high operating pressure

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