

ERHARD Float Valves **SVP** PN 10/16

pilot controlled, as on-off valve

Range of application: water max. 70° C

Size DN	Pressure rating PN	Prod. No.
200 ¹⁾	10	6020 5400
50 - 200	16	6021 5400
250 - 600	on request	

When placing the order, please specify max. flow rate, max. static pressure when the valve is closed, minimum pressure upstream of the valve at max. flow rate, the minimum and maximum pressures downstream of the valve.

Flanges **B**, PN 10/16, DI, type 21, ISO 7005-2

Materials/Equipment

Corrosion protection	EKB epoxy coating, blue
Body, cover	Ductile cast iron EN-JS1040 (ISO 450-10) ⁴⁾
Plug/clamping ring	Lamellar cast EN-JL1040 ⁵⁾ / bronze
Body seat, guide	Bronze
Sealing ring	EPDM
Diaphragm	Neoprene with fabric ply
Guide rod, bolts	Stainless steel
Position indicator	Stainless steel / brass
Pilot circuit, fittings, and Ball Valve	Stainless steel/nickel-coated brass
3/2-way pilot valve, manually operated valve ²⁾	Brass
Throttle valve ³⁾ , filter	Brass/stainless steel
Float dia. 150, float cable, brackets	Stainless steel
Brackets for stilling tube dia. 200	Stainless steel
Pressure gauge with isolating valve	Upstream

The stilling tube (PVC-U dia. 200) and the tubes (dia. 8 x 1) for pilot circuit are not included in our scope of supply.

Dimensions

Size DN	Face-to-face dimension L mm	Flange dia. PN 16 D mm	h ₁ mm	h ₂ mm	e ₁ mm	e ₂ mm	Weight kg	Packing dimensions l x w x h cm
50	230	165	225	85	220	135	17	70 x 40 x 40
65	290	185	245	95	205	150	23	70 x 40 x 40
80	310	200	265	105	210	155	28	70 x 40 x 40
100	350	220	290	115	170	220	36	70 x 40 x 40
125	400	250	385	130	220	170	49	80 x 50 x 40
150	480	285	430	145	235	185	73	80 x 50 x 40
200	600	340	730	175	215	215	116	80 x 50 x 70
250-600	on request							

¹⁾ DN 200: drilled to PN 10.

²⁾ This manually operated valve enables opening and closing the float valve independent of the pilot unit.

³⁾ By means of the throttle valve, the opening and closing times of the main valve can be controlled.

⁴⁾ Cast iron 450-10 to ISO 1083 has similar Properties as EN-JS1050.

⁵⁾ Corresponding to former DIN description 0.6125 (GG-25).

On request, ERHARD Float Valves with pressure sustaining device and ERHARD Float Valves with flow limiting device.

epoxy coating
EKB
epoxy coating

