

## ERHARD Float Valves PN 10

of ductile cast iron,  
angle pattern, with pressure-balanced piston

**Range of application:** water (discharge without counterpressure)

Size DN <sup>1)</sup>	Pressure rating PN	Hydrost. test pressure in bars for		Max. adm. working pressure in bars at a working temperature of up to 40 °C
		body water	seat water	
50 - 150	10	17	11	10

When placing the order, please specify application, max. flow rate, max. working pressure, and flow medium.

**Inlet flange** DN 50 - 150, PN 16, DI, type 21, EN 1092-2<sup>2)</sup>  
with outlet spigot<sup>3)</sup>

**Materials/Equipment<sup>4)</sup>**

Corrosion protection of body components	<b>EKB</b> epoxy coating, blue, RAL 5015
Body and upper structure	Ductile cast iron EN-JS1050 <sup>10)</sup>
Slotted bush, body seat, piston, stem, rods, and float	Stainless steel
Seals	Elastomer

**Dimensions**

Size DN <sup>1)</sup>	Centre-to-face dimension S	Height				Flange dia. D	Space require- ment e	Float			Kvs <sup>9)</sup> m <sup>3</sup> /h	Weight <sup>7)</sup> approx. kg	Volume <sup>8)</sup> m <sup>3</sup>
		H <sub>1</sub>	H <sub>2</sub> <sup>5)</sup>	H <sub>3</sub> <sup>6)</sup> min. max. mm mm				dia. d	height h	travel			
50	150	350	430	200	1070	165	650	300	300	235	25	28	0,06
65	165	362	450	215	1050	185	700	300	300	240	49	36	0,09
80	180	375	520	230	980	200	750	300	300	320	85	43	0,11
100	200	374	490	250	1010	220	800	400	350	300	137	57	0,14
125	225	394	530	275	970	250	900	400	350	320	180	76	0,20
150	250	418	560	300	940	285	1000	400	350	350	258	100	0,24

- <sup>1)</sup> Sizing to Kvs-value. We reserve the right to size the valve according to order data.
- <sup>2)</sup> For DN 80, please indicate if to be supplied with 4 or 8 holes (for holes for PN 10 only).
- <sup>3)</sup> Also available with outlet flange.
- <sup>4)</sup> On request: valve opens when water level rises.
- <sup>5)</sup> When valve is closed.
- <sup>6)</sup> Min. and max. water level in the reservoir when valve is closed.
- <sup>7)</sup> Net (without obligation), with float.
- <sup>8)</sup> Without float.
- <sup>9)</sup> Kvs = KV for full opening.
- <sup>10)</sup> Corresponding to former DIN description 0.7050 (GGG-50).

**Note:**

The valves are to be installed into the clean and flushed pipeline according to cast-on arrow showing the flow direction. If the flow medium is dirty or if one has to reckon with foreign bodies, it is necessary to install a dirt trap upstream of the valve.

epoxy coating  
**EKB**  
epoxy coating

