

ERHARD Reflux Valves PN 16

of ductile cast iron

Range of application³⁾

Size DN	Pressure rating PN	Hydrost. test pressure ⁷⁾ in bars for		Max. adm. working pressure in bars at a working temperature of max. +70° C
		body water	seat water	
40 - 300	16	25	17,6	16
200 - 300	10	17	11	10

When placing the order, please specify flow medium, concentration, working pressure, and working temperature.

Flanges B, DN 40 - 300, PN 16, DI, type 21, connecting dimensions to EN 1092-2.
DN 200 - 300, PN 10, DI, type 21, connecting dimensions to EN 1092-2.

Materials/Equipment⁴⁾

Prod. No.	568. 9500	568. 7200
Corrosion protection of body components	Internal and external EKB epoxy coating	Internal: vitreous enamel, cobalt blue External: CerMet enamel and synthetic resin, blue, RAL 5015
Body and cover	Ductile cast iron EN-JS1050 ⁵⁾ /EN-JS1030 ⁶⁾	
Flap ¹⁾	Elastomer coating/reinforced	
Connecting elements	Stainless steel A4 or A2 to DIN- ISO 3506	

Dimensions

Size DN	Face-to-face dimension L ⁸⁾ mm	Flange dia. D mm	Height H mm	Weight ²⁾ kg	Volume m ³	Width mm
40	180	150	105	9	0,005	149
50	200	165	120	11	0,007	154
65	240	185	133	13	0,011	209
80	260	200	140	18	0,013	209
100	300	220	175	30	0,018	224
125	350	250	175	36	0,028	271
150	400	285	205	55	0,044	316
200	500	340	260	78	0,077	360
250	600	405	295	125	0,128	427
300	700	460	330	161	0,190	485

¹⁾ Flap coating grade according to flow medium and working temperature.

²⁾ Net (without obligation).

³⁾ For installation into horizontal and vertical pipelines. For vertical installation: flow from below upwards.

⁴⁾ The lower screw plug in the body can be replaced by a flap lifting device.

⁵⁾ Corresponding to former DIN description 0.7050 (GGG-50).

⁶⁾ Corresponding to former DIN description 0.7040 (GGG-40).

⁷⁾ According to EN 12266 and EN 1074.

⁸⁾ According to EN 558-1, FTF, basic serie 48 (DIN 3202, basic serie F6).

