

ERHARD NON SLAM Nozzle Check Valves

of ductile cast iron, internal body of bronze, undivided body with rubber coated valve ring - resilient-seated. Short face-to-face dimension to DIN EN 558-1²⁾, head loss < 28 mbars at a flow velocity of 2 m/sec.³⁾, min. back pressure for tight closure (drop tight): 0.8 bar, internal vitreous enamel, external **EKB** epoxy

Range of application: water, max. 70 °C¹⁾

Size DN	Pressure rating PN	Hydrost. test pressure in bars for		Max. adm. working pressure in bars at a working temperature of up to 70 °C
		body water	seat water	
350 - 600	10 16	17 25	11 17,6	10 16

When placing the order, please specify position of installation, type of flow medium, flow velocity, and case of application.

Flanges: DN 350-500 Connecting dimensions to EN 1092-2 PN 10 Type 21 } Thickness to PN 16
 EN 1092-2 PN 16 Type 21 }
 DN 600 Connecting dimensions to EN 1092-2 PN 10 Type 21 Thickness to PN 10
 DN 600 Connecting dimensions to EN 1092-2 PN 16 Type 21 Thickness to PN 16

Materials / Equipment

Corrosion protection	Internal: vitreous enamel, external: EKB epoxy
Valve ring	Stainless steel (1.4404) / elastomer
Internal body	Zinc-free bronze
Guiding stems	Stainless steel
Guide bushes	High-performance polymer
Body	DN 350-400: ductile cast iron EN-JS1030 (GGG-40) (PN 10/16) DN 500-600: ductile cast iron EN-JS1025 (GGG-40.3) (PN 10/16)
Springs	Stainless steel

4350 7200 PN 10
4351 7200 PN 16

Dimensions

Size DN	Face-to-face dimension ²⁾ L mm	Weights kg		Closing travel H mm Total travel	Flange outside dia. D mm		Volume m ³
		Mobile parts	Total		PN 10	PN 16	
DN 350	290	11	135	39	505	520	0,0784
DN 400	310	13	165	44	565	580	0,1043
DN 500	350	22	275	56	670	715	0,1789
DN 600	390	33	480	71	780	840	0,2752

- ¹⁾ For higher temperatures available on request.
²⁾ To EN 558 - series 14 (F4).
³⁾ Corresponds to a head loss coefficient ZETA of 1.4.

epoxy coating
EKB
epoxy coating


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