

ERHARD NON SLAM Nozzle Check Valves

of ductile cast iron, internal body of bronze, undivided body with rubber coated piston - resilient-seated. Short face-to-face dimension to DIN EN 558-1²⁾, head loss < 16 mbars at a flow velocity of 2 m/sec.³⁾, 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	
200 - 300	10	17	11	10
80 - 300	16	25	17,6	16
	25	37,5	27,5	25
	40	60	44	40

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

Flanges: B, DN 80 - 125, connecting dimensions to DIN EN 1092-2 (PN 16) } thickness to
DIN EN 1092-2 (PN 25) } PN 40
DIN EN 1092-2 (PN 40) }

B, DN 150 - 300, connecting dimensions to DIN EN 1092-2 (PN 16) } thickness
DIN EN 1092-2 (PN 25) } depends on
DIN EN 1092-2 (PN 40) } pressure rating

Materials / Equipment

Corrosion protection	Internal: vitreous enamel, external: EKB epoxy
Valve disc	Bronze/rubber coated (NBR or EPDM)
Internal body	Zinc-free bronze
Guiding stem	Stainless steel
Guide bush	High-performance polymer
Body	DN 80-125: ductile cast iron EN-JS1025 ⁴⁾ (PN 16-40) DN 150-300: ductile cast iron EN-JS1030 ⁵⁾ (PN 10/16) DN 150-300: ductile cast iron EN-JS1025 ⁴⁾ (PN 25/40)
Spring	Stainless steel

4350 7200 PN 10
4351 7200 PN 16
4352 7200 PN 25
4353 7200 PN 40

Dimensions

Size DN	Face-to-face dimension ²⁾ L mm	Weights kg		Closing travel H mm Total travel	Flange outside dia. D mm				Volume
		Mobile parts	Total		PN 10	PN 16	PN 25	PN 40	
DN 80	180	1	14	19	-	200	200	200	0,0072
DN 100	190	1	19	20	-	220	235	235	0,0105
DN 125	200	2	27	23	-	250	270	270	0,0146
DN 150	210	3	32	32	-	285	300	300	0,0189
DN 200	230	5	50	35	340	340	360	375	0,0323
DN 250	250	8	70	43	400	400	425	450	0,0506
DN 300	270	11	97	49	455	455	485	515	0,0716

¹⁾ Higher temperatures available on request.

²⁾ To EN 558 - series 14 (F4).

³⁾ Corresponds to a head loss coefficient ZETA of 0,7.

⁴⁾ Corresponding to former DIN description 0.7043 (GGG-40.3).

⁵⁾ Corresponding to former DIN description 0.7040 (GGG-40).

epoxy coating
EKB
epoxy coating


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