

ERHARD Multimed Oval Body Gate Valves 2 to EN 1171⁸⁾

of ductile cast iron EN JS 1050, with inside stem thread
Tested for water by DIN-DVGW, DN 40 - 300 PN 10/16

Range of application: drinking water (DIN-DVGW reg.)

Size DN	Pressure rating PN	Hydrost. test pressure ⁷⁾ in bars for		Max. admissible working pressure in bars for water up to 70 °C
		body	seat	
350 - 500	16	25	17,6	16
350 - 500	10	17	11	10

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

Flanges B, DN 350-500, PN 16, DI, type 21, EN 1092-2, 2700....016

Flanges B, DN 350-500, PN 10, DI, type 21, EN 1092-2³⁾, 2700....010

Materials/Equipment²⁾ (without handwheel / with secured handwheel)

Corrosion protection of body components	EKB epoxy coating, blue, RAL 5015	Vitreous enamel ³⁾ Internal: ERHARD vitreous enamel, cobalt blue External: EKB epoxy coating, blue, RAL 5015
Body components DN 350 Body components DN 400/500	Ductile cast iron EN-JS1050 ⁶⁾ Ductile cast iron EN-JS1030	Ductile cast iron EN-JS1050 ⁶⁾ Ductile cast iron EN-JS1030
Rubber coating of the gate	Special grade elastomer	Special grade elastomer
Seals	Enclosed elastomer	Enclosed elastomer
Connecting bolts	Stainless steel A2, DIN-ISO 3506, countersunk and grouted	Stainless steel A2, DIN-ISO 3506, countersunk and grouted
Stem	Ferritic chrome steel	Ferritic chrome steel
Stem seal	Elastomer	Elastomer
Stem nut and screwed bearing	Brass	Brass

The valve is closed by turning the stem in clockwise direction.
Underground installation set available on request.

Dimensions

Nominal size	Face-to- face dimension ⁴⁾	Height (approx.)	Flange dia.	Handwheel dia.	Stem square	Stem turns per travel ⁵⁾	Weight (without hand- wheel)
DN	R15 L mm	H mm	D mm	d mm	s mm	approx.	approx. kg
350	550	750	520	500	27	59	172
400	600	975	580	600	32	67	275
500	700	1050	715	800	36	72	435

²⁾ Other materials and sizes on request.

³⁾ For more details on ERHARD vitreous enamel, see leaflet "ERHARD Enamel".

For evaluating resistance to aggressive constituents of the flow medium, in addition to the compound material of ERHARD vitreous enamel, the other components such as stem, stem nut, rubber coating, etc. have to be taken into account, too.

⁴⁾ Face-to-face dimension corresponds to EN 558-1 (former, DIN 3202).

⁵⁾ Stem turns referring to single trapezoidal thread to DIN 103.

⁶⁾ Former DIN description 0.7050 (GGG-50) or 0.7040 (GGG 40)

⁷⁾ According to EN 12266 and EN 1074

⁸⁾ Corresponding to former DIN 3352-4

epoxy coating
EKB
epoxy coating


echtes
email

