

ERHARD Multimed Gate Valves 2, EN 1171 ¹⁰⁾ (short body)

of ductile cast iron, with inside stem thread

Tested by DIN-DVGW for water service, DN 40 - 300, PN 10/16

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

Size DN	Pressure rating PN	Hydrost. test pressure ⁹⁾ in bars for		Max. admissible working pressure in bars for water up to 70 °C
		body	seat	
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, EN 1092-2, 2710....016

Flanges B, DN 80, 200-300, PN 10, DI, type 21, EN 1092-2⁹⁾, 2710....010

Minimum strength torque: categorie 3

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

Corrosion protection of body components	EKB epoxy coating, blue, RAL 5015	Vitreous enamel ⁴⁾ Internal: ERHARD vitreous enamel, cobalt blue External: EKB epoxy coating, blue, RAL 5015
Body components	Ductile cast iron EN-JS1050 ⁹⁾	Ductile cast iron EN-JS1050 ⁹⁾
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

Size DN	Face-to-face dimension ⁵⁾ L mm	Height (approx.) H mm	Flange dia. D mm	Handwheel dia. d mm	Stem square s mm	Stem turns per travel ⁶⁾ approx.	Weight (without hand-wheel) ⁷⁾ approx. kg	Volume m ³	Designs		
									DIN 3352-4A	EKB	Email
40	140	197	150	200	14	10	7	0,006	X	X	X
50	150	208	165	200	14	12,5	9	0,008	X	X	X
65	170	245	185	250	17	13	11	0,011	X	X	X
80	180	280	200	250	17	16	16	0,014	X	X	X
100	190	318	220	300	19	20	22	0,018	X	X	X
125	200	368	250	300	19	25	28	0,025	X	X	X
150	210	408	285	300	19	30	37	0,033	X	X	X
200	230	496	340	400	24	33	56	0,052	X	X	X
250	250	590	400	500	27	45	84	0,079	X	X	X
300	270	665	455	500	27	50	113	0,11	X	X	X

²⁾ Other materials and sizes on request.

³⁾ For DN 80 please specify if the flanges are to be drilled with 4 or 8 holes (4 holes only suitable for PN 10).

⁴⁾ For 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.

⁵⁾ Face-to-face dimension according to basic series 14, EN 558-1 (F4, DIN 3202).

⁶⁾ Stem turns refer to single trapezoidal thread to DIN 103.

⁷⁾ Net (without obligation).

⁸⁾ Former DIN description 0.7050 (GGG-50).

⁹⁾ According to EN 12266 and EN 1074.

¹⁰⁾ Corresponding to former DIN 3352-4.

epoxy coating
EKB
epoxy coating


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