

ERHARD Multamed Gate Valves 2 to EN 1171 with Socket Ends on Both Sides

for PVC plastic pipes to EN 1452 part 2⁵⁾,
of ductile cast iron EN-JS 1050, with inside stem thread, tested for water by DIN-DVGW

Range of application: drinking water, water, sewage (free from oil and fat)

Size DN	Pressure rating PN	Hydrost. test pressure ⁶⁾ in bars for		Max. admissible working pressure in bars for water up to 70 °C
		body water	seat water	
50 - 200	16	25	17,6	16

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

With socket end connection on both sides for PVC plastic pipes to DIN 19532 (with sealing rings)

Materials/Equipment

Corrosion protection of body components	Vitreous enamel ³⁾ Internal: ERHARD vitreous enamel, cobalt blue External: EKB epoxy coating, blue, RAL 5015
Body components	Cast iron EN-JS1050 ⁴⁾
Rubber coating of the gate	Special grade elastomer EPDM
Seals	Enclosed elastomer EPDM
Stem	Ferritic chrome steel
Stem sealing	Elastomer
Connecting bolts	Stainless steel A2, DIN-ISO 3506, countersunk and grouted
Stem nut and screwed bearing	Brass

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

Dimensions

Size DN	Face-to-face dim. L mm	Height H mm	Socket length l mm	Pipe outside dia. d mm	Stem		Weight ²⁾ approx. kg	Volume m ³
					square s mm	turns per travel ¹⁾ approx.		
50	250	208	77	63	14	12,5	7	0,008
65	270	245	80	80	17	13	8,2	1,100
80	280	280	84	90	17	17	12,5	0,015
100	300	318	88	110	19	23	18,5	0,021
125	325	368	91	140	19	31	25	0,030
150	350	408	94	160	19	39	33	0,02
200	400	496	100	225	24	58	47	0,077

¹⁾ Stem turns refer to single trapezoidal thread to DIN 103.

²⁾ Net (without obligation).

³⁾ 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.

⁴⁾ Former DIN description 0.7050 (GGG-50).

⁵⁾ Corresponding to former DIN 19532

⁶⁾ According to EN 12266 and EN 1074

