ERHARD Multamed Gate Valves 2 PN 16, with Socket Ends on Both Sides, EN 1171[1)8)]

of ductile cast iron EN-JS 1050, with inside stem thread
tested by DIN-DVGW for water service

Range of application: water

Size DN	Pressure rating PN	Hydrost. test pressure[7)] in bars for body water	Hydrost. test pressure[7)] in bars for seat water	Max. admissible working pressure in bars for water up to 70 °C
80 - 200	16	25	17,6	16

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

Materials/Equipment[5)]

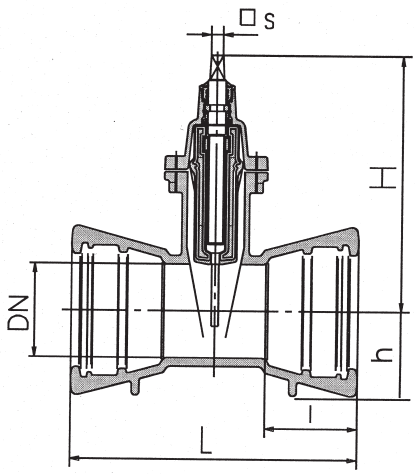
Corrosion protection of body components	Vitreous enamel[4)] Internal: ERHARD vitreous enamel, cobalt blue External: EKB epoxy coating, blue, RAL 5015
Body components	Cast iron EN-JS1050[6)]
Rubber coating of the gate	Special grade elastomer
Seals	Enclosed elastomer
Connecting bolts	Stainless steel A2, DIN-ISO 3506, countersunk and grouted
Stem	Ferritic chrome steel
Stem seal	Elastomer
Stem nut and screwed bearing	Brass

The valve is closed by turning the stem in clockwise direction.

Dimensions

Size DN	Face-to-face dimension L mm	Socket length l mm	Height (approx.) H mm	Height (approx.) h mm	Stem square s mm	Stem turns per travel[2)] approx.	Weight[3)] approx. kg	Volume m³
80	290	84	280	71	17	16	14	0,015
100	320	88	318	82	19	20	19	0,023
150	350	94	408	109	19	30	34	0,043
200	380	100	496	137	24	33	56	0,073

epoxy coating
EKB
epoxy coating



1) Sealing ring on request.
2) Stem turns refer to single trapezoidal thread to DIN 103.
3) Net (without obligation).
4) For details on ERHARD 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) Other materials on request.
6) Former DIN description 0.7050 (GGG-50).
7) According to EN 12266 and EN 1074
8) Corresponding to former DIN 3352-13

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