



BRASS GATE VALVE

Non-Rising Stem Wedge Gate Valve · Brass Body and Wedge · MIHA, Vietnam

BRAND: MIHA	SKU: SW-0340	SIZE 1/2" TO 4"	PN16 / 16 BAR
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FIG. 1 | BRASS GATE VALVE, MIHA BRAND

PRODUCT OVERVIEW

The MIHA Brass Gate Valve is a full bore isolating valve for water, oil and gas service. A brass wedge is driven onto twin seats by the stem, giving a straight through bore and negligible pressure drop when the valve is fully open. It is intended for on and off duty, not for throttling.

Body, bonnet, wedge, stem and gland components are produced in brass, with PTFE gland packing and a PTFE stem O-ring. The handwheel is supplied in cast iron or aluminium with a stainless steel wheel nut, and an aluminium name plate is fitted to the bonnet. Female threaded ends allow direct installation in a threaded line.

Valve type	Wedge gate valve, full bore
Operation	Manual, handwheel, non-rising stem
Body material	Brass
End connection	Female threaded, both ends
Maximum pressure	16 bar (PN16)
Size range	1/2" to 4" (DN15 to DN100)

TECHNICAL SPECIFICATION

Brand	MIHA	Gland packing	PTFE
Manufacturer	Minh Hoa Investment Joint Stock Company, Vietnam	Max. working pressure	16 bar (232 psi)
Threads	BS 21 / ISO 228-1:2000	Max. working temperature	120°C
Body and bonnet	Brass	Service	Water, oil and gas
Wedge and stem	Brass	Handwheel	Cast iron or aluminium
Port	Full bore	Country of origin	Vietnam

MANUFACTURER



BRAND MARK AS CAST OR PRINTED ON THE PRODUCT

Manufacturer	Minh Hoa Investment Joint Stock Company
Brand	MIHA
Country of origin	Vietnam
Product range	Brass threaded valves and fittings



PRODUCT DATA SHEET

BRASS GATE VALVE
Ref. SW-0340 | Rev. 02

BILL OF MATERIALS

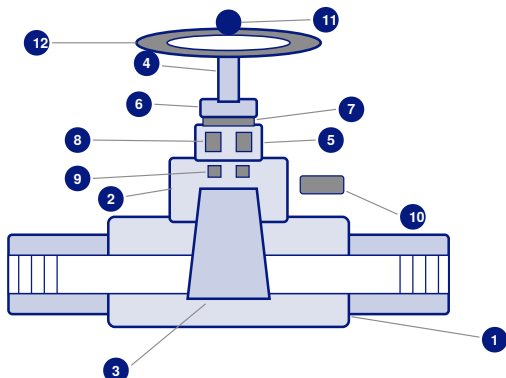


FIG. 2 | SECTIONAL ARRANGEMENT

#	COMPONENT	MATERIAL
1	Body	Brass
2	Bonnet	Brass
3	Disc / wedge	Brass
4	Stem	Brass
5	Gland nut	Brass
6	Lock nut	Brass
7	Gland ring	Brass
8	Gland packing	PTFE
9	Stem O-ring	PTFE
10	Name plate	Aluminium
11	Handwheel nut	Stainless steel SUS 304
12	Handwheel	Cast iron or aluminium

Materials are as published by the manufacturer. Handwheel material varies with size and production batch, confirm at order if it matters to the specification. The manufacturer quotes both BS 21 and ISO 228-1:2000 against the threaded ends. Confirm taper or parallel form with SWBM before ordering for a critical joint.

DIMENSIONS

SIZE	DN (MM)	THREAD (BSP)	L (MM)	H (MM)	ØD (MM)
1/2"	15	1/2"	42	88	54
3/4"	20	3/4"	44	100	54
1"	25	1"	52	116	60
1.1/4"	32	1.1/4"	58	138	72
1.1/2"	40	1.1/2"	62	155	72
2"	50	2"	70	186	96
2.1/2"	65	2.1/2"	80	226	108
3"	80	3"	89	254	108
4"	100	4"	108	313	127

L = face to face length, H = overall height with the valve fully open, ØD = handwheel diameter. Allow the full H dimension plus clearance above the valve for operation. Dimensions are taken from the manufacturer's published technical table (Minh Hoa Investment Joint Stock Company). Figures are nominal and are given for guidance only. Weights are not published by the manufacturer and are available on request. Certified drawings for the supplied size and batch are issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0340
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4"
Thread	BSP female, both ends
Body	Brass
Brand	MIHA, Vietnam
Order example	SW-0340 / 2" / BSP / MIHA

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.



PRESSURE AND TEMPERATURE

Nominal pressure	PN16
Max. working pressure	16 bar (232 psi)
Max. working temperature	120°C
Service media	Water, oil, gas

Ratings are the manufacturer's published maxima for clean, non-shock service. Maximum working pressure and maximum working temperature must not be applied at the same time. Confirm duty with SWBM before use above +120°C or on media outside the ranges above.

TYPICAL APPLICATIONS

- Potable and general water supply networks
- Plumbing, HVAC and chilled water lines
- Irrigation and landscape systems
- Fuel and lubricating oil circuits
- Low pressure gas lines
- Isolation for maintenance on branch and riser lines

COMPLIANCE AND QUALITY

- Threads to BS 21 / ISO 228-1:2000
- Rated PN16, 16 bar maximum working pressure
- Manufactured by Minh Hoa Investment Joint Stock Company, Vietnam
- Country of origin: Vietnam
- Shell and seat testing to EN 12266-1 on request
- Material test certificate EN 10204 3.1 on request
- Full bore, straight through flow path
- PTFE gland packing and stem O-ring

INSTALLATION AND OPERATION

- Flush the line thoroughly before installation to clear weld slag, sand and debris
- Install with the valve fully open, the wedge is vulnerable during pipe work
- Apply PTFE tape or an approved sealant to the male thread only
- Tighten on the hexagonal body flats, never on the handwheel or bonnet
- Operate fully open or fully closed, do not use the valve to throttle flow
- Exercise the valve periodically so the wedge does not seize in long standing lines

COMPANY

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