



BRASS SWING CHECK VALVE

Swing Disc Non-Return Valve · Brass Body, Brass Seat · MIHA, Vietnam

BRAND: MIHA

SKU: SW-0337

SIZE 1/2" TO 4"

PN16 / 16 BAR



FIG. 1 | BRASS SWING CHECK VALVE, MIHA BRAND

PRODUCT OVERVIEW

The MIHA Brass Swing Check Valve prevents reverse flow in water, oil and gas lines. A hinged brass disc is lifted clear of the seat by forward flow and swings back under gravity and line pressure when flow stops, protecting pumps, tanks and metering equipment downstream.

Body, bonnet and disc are produced in brass throughout, giving a metal to metal seat that tolerates warmer service than a soft seated check valve. The bolted top cap gives access to the disc without removing the valve from the line. Female threaded ends allow direct installation in a threaded pipeline.

Valve type	Swing check valve, non-return
Operation	Automatic, gravity assisted
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	Seat	Brass, metal to metal
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	Brass	Service	Water, oil and gas
Bonnet	Brass	Mounting	Horizontal lines, cap uppermost
Disc	Brass	Country of origin	Vietnam

MANUFACTURER



BRAND MARK AS CAST OR PRINTED ON THE PRODUCT

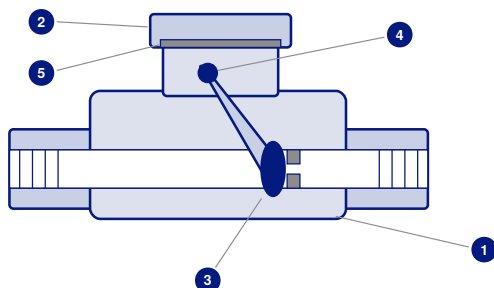
Manufacturer	Minh Hoa Investment Joint Stock Company
Brand	MIHA
Country of origin	Vietnam
Product range	Brass threaded valves and fittings



PRODUCT DATA SHEET

BRASS SWING CHECK VALVE
Ref. SW-0337 | Rev. 02

BILL OF MATERIALS



#	COMPONENT	MATERIAL
1	Body	Brass
2	Bonnet / top cap	Brass
3	Disc	Brass
4	Hinge pin	Manufacturer standard
5	Cap gasket	Manufacturer standard

The manufacturer publishes materials for the body, bonnet and disc only. Hinge pin and cap gasket materials are not published and are shown as manufacturer standard. 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.

FIG. 2 | SECTIONAL ARRANGEMENT

DIMENSIONS

SIZE	DN (MM)	THREAD (BSP)	L (MM)	H (MM)
1/2"	15	1/2"	47	48
3/4"	20	3/4"	51.5	54
1"	25	1"	63	61.5
1.1/4"	32	1.1/4"	70	73
1.1/2"	40	1.1/2"	82	80
2"	50	2"	97	95
2.1/2"	65	2.1/2"	120	115.5
3"	80	3"	133	131
4"	100	4"	160	158.5

L = face to face length, H = overall height including the top cap. The SWBM website lists 115 mm against 2.1/2" where the manufacturer table reads 115.5 mm. 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-0337
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-0337 / 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.



PRODUCT DATA SHEET

BRASS SWING CHECK VALVE

Ref. SW-0337 | Rev. 02

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

- Pump discharge and booster set outlets
- Water supply and distribution networks
- Fuel and lubricating oil transfer lines
- Low pressure gas lines
- Protection of meters, tanks and downstream equipment
- Plumbing, HVAC and general utility piping

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
- Brass seat, metal to metal, no soft seat to degrade
- Top cap access for in-line inspection of the disc

INSTALLATION AND OPERATION

- Flush the line thoroughly before installation to clear grit, swarf and debris
- Install in a horizontal line with the top cap uppermost so the disc swings freely
- Fit with the flow arrow, or the disc hinge, on the upstream side
- Allow five pipe diameters of straight pipe upstream to steady the flow
- Apply PTFE tape or an approved sealant to the male thread only
- Tighten on the hexagonal body flats, never on the top cap

COMPANY

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