



BRASS FOOT VALVE

Suction Foot Valve with Integral Strainer · Brass Body and Disc · MIHA, Vietnam

BRAND: MIHA	SKU: SW-0339	SIZE 1/2" TO 4"	PN16 / 16 BAR
-------------	--------------	-----------------	---------------



FIG. 1 | BRASS FOOT VALVE, MIHA BRAND

PRODUCT OVERVIEW

The MIHA Brass Foot Valve is fitted at the bottom of a pump suction line to hold the column of water in the pipe when the pump stops. It combines a lift check valve with an integral strainer cage, so the pump stays primed and coarse solids are kept out of the suction.

Body, bonnet and disc are produced in brass, with an NBR O-ring on the disc face for a tight seal against the seat and a PTFE seal at the body to bonnet joint. The slotted cage is formed as part of the body. The female threaded top connection takes the suction pipe directly.

Valve type	Foot valve, lift check with strainer
Operation	Automatic, non-return
Body material	Brass
End connection	Female threaded, top
Maximum pressure	16 bar (PN16)
Size range	1/2" to 4" (DN15 to DN100)

TECHNICAL SPECIFICATION

Brand	MIHA	Disc O-ring	NBR rubber
Manufacturer	Minh Hoa Investment Joint Stock Company, Vietnam	Body seal	PTFE
Threads	BS 21 / ISO 228-1:2000	Max. working pressure	16 bar (232 psi)
Body	Brass	Max. working temperature	90°C
Disc	Brass	Service	Clean water
Strainer cage	Integral with body	Country of origin	Vietnam

MANUFACTURER



BRAND MARK AS CAST OR PRINTED ON THE PRODUCT

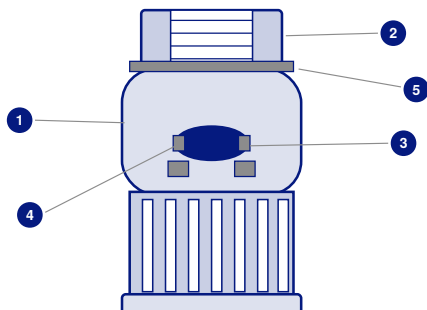
Manufacturer	Minh Hoa Investment Joint Stock Company
Brand	MIHA
Country of origin	Vietnam
Product range	Brass threaded valves and fittings



PRODUCT DATA SHEET

BRASS FOOT VALVE
Ref. SW-0339 | Rev. 02

BILL OF MATERIALS



#	COMPONENT	MATERIAL
1	Body with integral cage	Brass
2	Bonnet	Brass
3	Disc	Brass
4	Disc O-ring	NBR rubber
5	Body gland packing	PTFE

Materials are as published by the manufacturer. The slotted strainer cage is formed as part of the body casting and is not a separate part. 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)	H (MM)	ØB (MM)
1/2"	15	1/2"	58	30.5
3/4"	20	3/4"	64	39
1"	25	1"	87.5	47
1.1/4"	32	1.1/4"	87.5	55
1.1/2"	40	1.1/2"	94	62
2"	50	2"	112	72.5
2.1/2"	65	2.1/2"	140	96
3"	80	3"	152	106
4"	100	4"	189	133

H = overall height, ØB = body outside diameter. The manufacturer publishes the same height of 87.5 mm for both 1" and 1.1/4", which should be confirmed before it is used for space planning. 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-0339
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2", 3", 4"
Thread	BSP female, top connection
Body	Brass
Brand	MIHA, Vietnam
Order example	SW-0339 / 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	90°C
Service media	Clean water

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 +90°C or on media outside the ranges above.

TYPICAL APPLICATIONS

- Pump suction lines drawing from tanks and sumps
- Borehole and well suction sets
- Irrigation and landscape pump installations
- Water transfer and filling lines
- Fire pump priming lines
- General water supply and utility pumping

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
- Integral strainer cage, no separate screen to fit

INSTALLATION AND OPERATION

- Keep the valve at least 300 mm clear of the sump or tank floor to avoid drawing silt
- Maintain at least two pipe diameters of submergence above the valve at low water level
- Do not reduce the suction pipe at the valve, keep full bore up to the pump
- Apply PTFE tape or an approved sealant to the male thread only
- Tighten on the body flats, never on the strainer cage
- Inspect and clear the cage periodically, a blocked cage is a common cause of pump cavitation

COMPANY

Sunel Wala Building Materials
Trading Co. LLC (SWBM)
Dubai, United Arab Emirates

SALES ENQUIRIES

info@swbm-fittings.com
Tel: +971 4 238 5652
Mobile / WhatsApp: +971 50 748 1772

ONLINE

www.swbm-fittings.com
Brand: MIHA

The information in this data sheet is provided in good faith and is believed to be accurate at the date of issue. Dimensions, weights and ratings are nominal and may vary with the manufacturer and production batch. It remains the responsibility of the purchaser to confirm that the product is suitable for the intended service conditions. Sunel Wala Building Materials Trading Co. LLC reserves the right to amend specifications without prior notice. This document does not form part of any contract of sale.