

GI BALL VALVE TURA

2-Piece Threaded Ball Valve · Chrome Plated Zinc Alloy · Lever Operated

BRAND: TURA / MIHA	SKU: SW-0342	SIZE 1/2" TO 2.1/2"	MAX 10 BAR / 90°C
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FIG. 1 | GI BALL VALVE TURA, STAINLESS STEEL LEVER WITH PVC COVER

PRODUCT OVERVIEW

The SWBM GI Ball Valve TURA is a quarter-turn, 2-piece threaded ball valve for reliable on and off flow control in clean water service. The body and bonnet are produced in zinc alloy with a chrome plated finish, giving good corrosion resistance and a durable, low maintenance valve for water supply, plumbing and general utility lines.

PTFE seats give tight shut-off at low operating torque, with a PTFE and NBR stem seal. The lever handle is stainless steel with a moulded PVC cover for grip and easy identification in the line. Female threaded ends to BS 21 / ISO 228-1 allow direct connection to standard threaded pipe and fittings. Stock is held in Dubai from 1/2" to 2.1/2".

Valve type	2-piece ball valve, threaded
Operation	Manual, 90° quarter-turn lever
Body material	Zinc alloy, chrome plated
End connection	Female threaded, BS 21 / ISO 228-1
Working pressure	10 bar maximum (145 psi)
Size range	1/2" to 2.1/2" (DN15 to DN65)

TECHNICAL SPECIFICATION

Manufacturer	Minh Hoa Investment Joint Stock Co.	Seats	PTFE
Brand	TURA	Stem seal	PTFE / NBR O-ring
Country of origin	Vietnam	Lever handle	Stainless steel, SUS 201
Thread standard	BS 21 / ISO 228-1:2000	Handle cover	PVC
Body and bonnet	Zinc alloy	Max. working pressure	10 bar (145 psi)
Finish	Chrome plated	Max. working temperature	90°C



PRODUCT DATA SHEET

GI BALL VALVE TURA
Ref. SW-0342 | Rev. 01

BILL OF MATERIALS

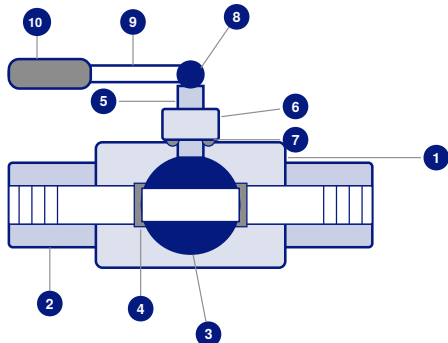


FIG. 2 | SECTIONAL ARRANGEMENT

#	COMPONENT	MATERIAL
1	Body	Zinc alloy, chrome plated
2	Bonnet	Zinc alloy, chrome plated
3	Ball	Cast iron
4	Seat (2 nos.)	PTFE
5	Stem	Plated steel
6	Lock nut	Brass
7	Stem seal / O-ring	PTFE / NBR
8	Wheel nut	Stainless steel, SUS 304
9	Lever handle	Stainless steel, SUS 201
10	Handle cover	PVC plastic

Materials are as listed in the manufacturer catalogue for the TURA zinc alloy ball valve range. Component certification can be requested at the time of order.

DIMENSIONS AND WEIGHTS

SIZE	DN (MM)	THREAD	L (MM)	H (MM)	B (MM)
1/2"	15	1/2"	46.5	58.5	90
3/4"	20	3/4"	52.5	64	90
1"	25	1"	62.5	80	108
1.1/4"	32	1.1/4"	75	100	140
1.1/2"	40	1.1/2"	83	108.5	140
2"	50	2"	95	125	156
2.1/2"	65	2.1/2"	121	155	205

L = face to face length, H = centreline to top of handle nut, B = lever handle length. Dimensions are taken from the manufacturer catalogue and are nominal, given for guidance only. Bore diameters and unit weights are not published for this range and are confirmed on request. Certified drawings for the supplied make and size are issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0342
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2", 2.1/2"
Thread	Female threaded, BS 21 / ISO 228-1
Handle	Stainless steel lever with PVC cover
Brand	TURA, manufactured by MIHA, Vietnam
Order example	SW-0342 / 1.1/2" / FEMALE THREADED / LEVER

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

Max. working pressure	10 bar (145 psi)
Max. working temperature	90°C
Service media	Clean water
Rating basis	Cold, non-shock service

Ratings are the manufacturer maximums and agree with the PN10 marking cast on the valve body. A pressure against temperature derating curve is not published for this range. Confirm the duty with SWBM before use on media other than clean water, or where the service temperature approaches 90°C.

TYPICAL APPLICATIONS

- Potable and general water supply networks
- Plumbing and sanitary installations
- HVAC and chilled water lines
- Agricultural and landscape irrigation
- General industrial process water lines
- Building services and utility piping

COMPLIANCE AND QUALITY

- Threads to BS 21 / ISO 228-1:2000
- Zinc alloy body and bonnet with chrome plated finish
- PTFE seats and PTFE / NBR stem seal
- Stainless steel lever handle, SUS 201, with PVC cover
- Stainless steel wheel nut, SUS 304
- Manufactured by Minh Hoa Investment Joint Stock Company, Vietnam
- Body marked with the DN size and PN10 rating, handle marked **MADE IN VIETNAM**
- Manufacturer test and material certification available on request

INSTALLATION AND OPERATION

- Flush the line thoroughly before installation to clear scale, sand and debris
- Install with the valve in the fully open position
- Apply PTFE tape or an approved sealant to the male thread only
- Tighten on the hexagonal body flats, never on the handle or stem
- The valve is fully open when the lever is in line with the pipe, and fully closed at 90°
- Operate the valve periodically to prevent seat sticking in low use lines
- Confirm suitability with SWBM before use on steam, gas or hydrocarbon service

COMPANY

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