

BRONZE GLOBE VALVE JIS 10K

Flanged Bronze Globe Valve · JIS F 7427 · Handwheel Operated

BRAND: JINHU ENGINEERING

SKU: SW-0365

SIZE 1/2" TO 2"

JIS 10K / FLANGED



FIG. 1 | BRONZE GLOBE VALVE JIS 10K, FLANGED

PRODUCT OVERVIEW

The SWBM Bronze Globe Valve JIS 10K is a linear motion valve with a movable disc and a stationary seat ring, built for accurate throttling and tight shut-off rather than simple isolation. The cast bronze body and bolted bonnet give high corrosion resistance in seawater, fresh water, air, gas, oil and steam service, which makes it a standard fitting on marine and offshore piping as well as land based process and utility lines.

The rising stem and cast iron handwheel give smooth, controlled operation with clear visual position indication. PTFE gland packing is adjustable in service. Flanged ends drilled to JIS 10K allow direct connection to Japanese standard shipboard and industrial pipework.

Valve type	Globe valve, bolted bonnet
Operation	Manual, rising stem handwheel
Body material	Cast bronze
End connection	Flanged, JIS 10K
Pressure rating	JIS 10K (10 kgf/cm ² , 0.98 MPa)
Size range	1/2" to 2" (DN15 to DN50)

TECHNICAL SPECIFICATION

Design standard	JIS F 7427	Testing	JIS F 7427 / EN 12266-1
Flange standard	JIS B 2220, 10K	Shell test	In accordance with JIS F 7427
Face to face	JIS F 7427	Seat test	In accordance with JIS F 7427
Stem type	Rising stem, non-rotating disc	Working pressure	10 kgf/cm ² (0.98 MPa), non-shock
Seat	Integral bronze seat ring	Steam service	Up to +205°C
Packing	PTFE, adjustable gland	Country of origin	Korea



PRODUCT DATA SHEET

BRONZE GLOBE VALVE JIS 10K
Ref. SW-0365 | Rev. 01

BILL OF MATERIALS

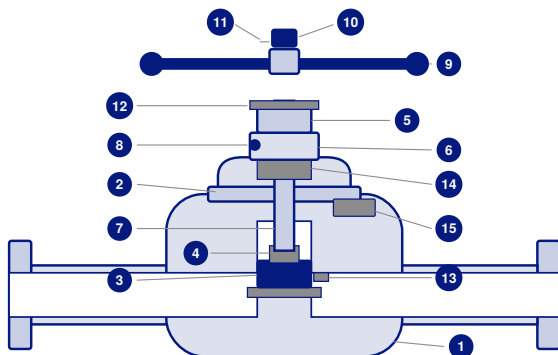


FIG. 2 | SECTIONAL ARRANGEMENT

#	COMPONENT	MATERIAL
1	Body	Bronze
2	Bonnet	Bronze or brass
3	Disc	Bronze or brass
4	Valve disc nut	Brass
5	Packing gland	Brass
6	Gland nut	Brass
7	Stem	Brass
8	Set screw	Brass
9	Handwheel	Cast iron
10	Hexagon nut	Brass
11	Split pin	Brass
12	Lockplate	Brass
13	Disc lock washer	Brass
14	Packing	PTFE (Teflon)
15	Name plate	Brass and aluminium

Screw down non return (SDNR) and angle pattern variants of the same body are available on request.

DIMENSIONS AND WEIGHTS

SIZE	DN	FACE TO FACE (MM)	FLANGE Ø (MM)	PCD (MM)	BOLT HOLES	HEIGHT (MM)	HANDWHEEL Ø (MM)	WEIGHT (KG)
1/2"	15	110	95	70	4 - 15	130	80	2.76
3/4"	20	120	100	75	4 - 15	140	100	3.72
1"	25	130	125	90	4 - 19	160	125	5.20
1.1/4"	32	160	135	100	4 - 19	170	125	6.91
1.1/2"	40	180	140	105	4 - 19	190	140	8.43

Height is measured from the pipe centreline to the top of the handwheel. Dimensions and weights are nominal and are given for guidance only. Size 2" (DN50) is offered against enquiry. Certified drawings for the supplied make and size are issued on request.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SW-0365
Size	1/2", 3/4", 1", 1.1/4", 1.1/2", 2"
End connection	Flanged, drilled JIS 10K
Body	Cast bronze, PTFE packing
Pattern	Globe standard. SDNR and angle pattern on request
Order example	SW-0365 / 1" / JIS 10K / BRONZE / HANDWHEEL

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

BRONZE GLOBE VALVE JIS 10K

Ref. SW-0365 | Rev. 01

PRESSURE AND TEMPERATURE

Fluid condition, rating	10 kgf/cm² (0.98 MPa)
Water, oil, air and gas	10 kgf/cm² (0.98 MPa)
Saturated steam	10 kgf/cm² up to +205°C
Hydrostatic testing	In accordance with JIS F 7427

Ratings apply to non-shock service. Pulsation and shock duty reduces the permissible working pressure. Confirm duty with SWBM before use on steam or on media outside the ranges above.

TYPICAL APPLICATIONS

- Marine and offshore deck and engine room piping
- Seawater, ballast and bilge service lines
- Fresh water and potable water distribution
- Low pressure saturated steam and condensate lines
- Fuel and lubricating oil circuits
- General industrial process and utility piping

COMPLIANCE AND QUALITY

- Design and dimensions in accordance with JIS F 7427
- Flange drilling to JIS B 2220, 10K
- Cast bronze body, high resistance to seawater corrosion
- 100% shell and seat tested prior to despatch
- Material test certificate EN 10204 3.1 on request
- Class approval certification available against enquiry
- Manufactured by Jin Hu Engineering, Korea

INSTALLATION AND OPERATION

- Flush the line thoroughly before installation to clear weld slag, sand and debris
- Install with the flow arriving under the disc unless the duty states otherwise
- Support the pipework so that no bending load is carried by the valve body
- Tighten the flange bolts evenly in a diagonal sequence onto a full face gasket
- Do not use the handwheel as a lifting point or apply an extension bar to it
- Retighten the gland nut evenly if weeping appears at the stem after commissioning

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: Jinhu Engineering

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.