

BRONZE GLOBE HOSE VALVE JIS 5K

 Marine Bronze Hose Valve, Globe Pattern · JIS F 7427 · 5 kgf/cm² · Flanged Inlet, Male Hose Coupling

BRAND: JINHU ENGINEERING

SKU: SW-0367

SIZE 15A TO 65A

 JIS 5K / 5 kgf/cm²


FIG. 1 | BRONZE GLOBE HOSE VALVE JIS 5K, WITH CAP AND CHAIN

MANUFACTURED BY



PRODUCT OVERVIEW

The JINHU Bronze Globe Hose Valve JIS 5K is a marine hose station valve built to JIS F 7427. The valve is flanged on the inlet for connection to a standpipe or bulkhead and carries a male hose coupling in line on the outlet, so a fire hose or wash deck hose can be connected and disconnected quickly without tools.

The cast bronze body resists sea water and salt laden air. Flow is controlled by a rising brass stem and a bronze or brass disc on a bronze seat ring, with Teflon gland packing and a cast iron handwheel. A bronze cap secured by a chain closes the coupling when the valve is not in use, keeping the thread and the seating face clean.

Valve type	Hose valve, globe pattern
Operation	Manual handwheel, rising stem
Body material	Cast bronze
Inlet connection	Flanged, JIS marine 5K
Outlet connection	Male hose coupling in line, M42 to M80
Size range	15A to 65A

TECHNICAL SPECIFICATION

Design standard	JIS F 7427	Gland packing	Teflon, asbestos free
Pattern	Globe, screw-down	Coupling thread	M42, M52, M64 or M80 by size
Body	Bronze	Working pressure	5 kgf/cm ²
Disc	Bronze or brass	Shell hydraulic test	10.5 kgf/cm ²
Seat ring	Bronze	Seat hydraulic test	7.7 kgf/cm ²
Stem	Brass, rising	Coupler test	7 kgf/cm ²
		Country of origin	Korea



PRODUCT DATA SHEET

BRONZE GLOBE HOSE VALVE JIS 5K

Ref. SW-0367 | Rev. 01

BILL OF MATERIALS

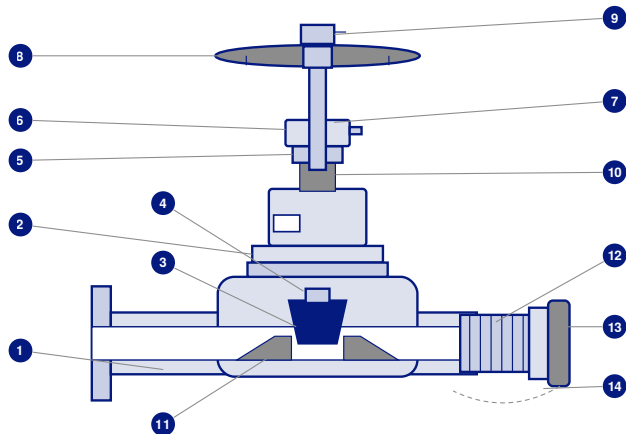


FIG. 2 | SECTIONAL ARRANGEMENT

#	COMPONENT	MATERIAL
1	Body	Bronze
2	Bonnet	Bronze or cast iron
3	Disc	Bronze or brass
4	Disc nut	Brass
5	Packing gland	Brass
6	Gland nut	Brass
7	Stem	Brass
8	Handwheel	Cast iron
9	Hexagon nut	Brass
10	Packing	Teflon
11	Seat ring	Bronze
12	Base connection	Bronze or brass
13	Cap with coupling ring	Bronze, rubber gasket
14	Chain	Brass or stainless steel

Principal components. The manufacturer publishes a size specific parts list running to 18 items for 15A and 25A, 24 items for 40A and 25 items for 50A and 65A, adding set screws, split pins, lock plates, name plate, set ring and gaskets. The full list is available on request.

DIMENSIONS AND WEIGHTS

SIZE	COUPLING THREAD	FLANGE DIA	FLANGE PCD	BOLT HOLES	HEIGHT	HANDLE DIA	WEIGHT (KG)
15A	M42 x 2	80	60	4-12	130	80	2.51
25A	M42 x 2	95	75	4-12	160	125	3.55
40A	M52 x 2	120	95	4-15	190	140	6.26
50A	M64 x 2	130	105	4-15	255	160	12.90
65A	M80 x 2	177	130	4-15	280	160	26.41

All dimensions in mm, weights in kg, reproduced from the JINHU Engineering catalogue for the JIS 5K rating. Height is measured from the flange face to the top of the handwheel. Two 65A figures sit outside the trend of the range: the flange outside diameter of 177 mm is larger than the 10K figure of 175 mm, and the weight of 26.41 kg is close to the 10K figure. Confirm both against a certified drawing before ordering 65A.

ORDERING INFORMATION

Product code	SW-0367
Size	15A, 25A, 40A, 50A, 65A
Rating	5 kgf/cm ² , JIS F 7427
Pattern	Globe type hose valve
Accessories	Cap, coupling ring and chain fitted as standard
Order example	SW-0367 / 50A / 5K / HOSE VALVE GLOBE

Supplied through Dubai for the UAE, GCC and East Africa. Contact our sales desk for pricing, project quantities, class certification and lead times.



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PRESSURE AND TEMPERATURE

Saturated steam up to 205°C	5 kgf/cm ²
Air and pulsating water	5 kgf/cm ²
Non shock water	7 kgf/cm ²
Shell hydraulic test	10.5 kgf/cm ²

Working and test pressures are quoted in kgf/cm² as published by the manufacturer. For reference, 5 kgf/cm² is approximately 4.9 bar. Confirm the duty with SWBM before use outside the conditions listed above.

TYPICAL APPLICATIONS

- Fire hose and wash deck hose connections
- Deck, engine room and accommodation service outlets
- Sea water and fresh water hose take off points
- Tank cleaning and general wash down duty
- Bunkering and drum filling stations
- Offshore platforms, barges and shipyard workshops

COMPLIANCE AND QUALITY

- Manufactured to JIS F 7427
- Bronze body for sea water and marine atmosphere service
- Every valve shell, seat and coupler tested before despatch
- Shell test 10.5 kgf/cm², seat test 7.7 kgf/cm², coupler test 7 kgf/cm²
- Cap and chain fitted as standard to protect the coupling
- Class approval certification can be arranged at the time of order, subject to manufacturer confirmation

INSTALLATION AND OPERATION

- Flush the line before installation to clear scale, weld slag and debris
- Bolt the flange to the bulkhead, deck stand or standpipe using a marine flange gasket
- Keep the cap fitted and the chain attached when the valve is not in use
- Check the coupling thread and the cap gasket for damage before connecting a hose
- Open and close by hand only, do not use extension bars on the handwheel
- Retighten or repack the gland if weeping appears at the stem

COMPANY

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