

BRONZE ANGLE HOSE VALVE JIS 5K

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

BRAND: JINHU ENGINEERING

SKU: SW-0358

SIZE 15A TO 65A

 JIS 5K / 5 kgf/cm²


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

MANUFACTURED BY



PRODUCT OVERVIEW

The JINHU Bronze Angle Hose Valve JIS 5K is a marine hose station valve built to JIS F 7427. The flanged inlet mounts directly onto a deck stand or a riser and the male hose coupling discharges at 90 degrees, which keeps the hose clear of the mounting face and makes the outlet easy to reach at a fire station.

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, angle pattern
Operation	Manual handwheel, rising stem
Body material	Cast bronze
Inlet connection	Flanged, JIS marine 5K
Outlet connection	Male hose coupling at 90°, M42 to M80
Size range	15A to 65A

TECHNICAL SPECIFICATION

Design standard	JIS F 7427	Gland packing	Teflon, asbestos free
Pattern	Angle, 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 ANGLE HOSE VALVE JIS 5K

Ref. SW-0358 | Rev. 01

BILL OF MATERIALS

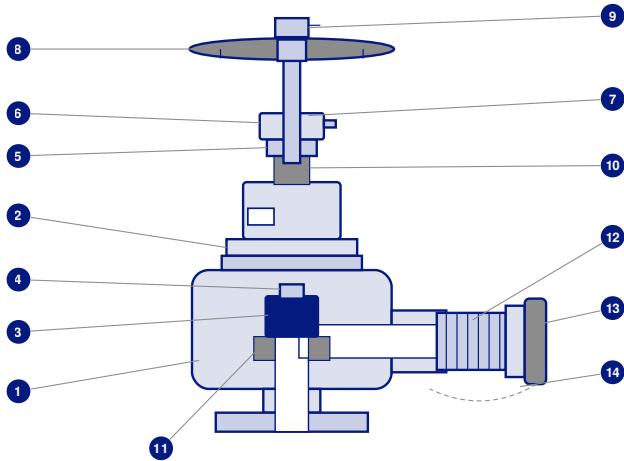


FIG. 2 | SECTIONAL ARRANGEMENT

#	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	120	80	2.41
25A	M42 x 2	95	75	4-12	145	125	3.44
40A	M52 x 2	120	95	4-15	165	140	5.91
50A	M64 x 2	130	105	4-15	255	160	11.00
65A	M80 x 2	155	130	4-15	240	160	21.85

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. The published 50A height of 255 mm is greater than the 10K figure of 240 mm, which runs against the trend of the range, so confirm it against a certified drawing before the deck stand is fabricated.

ORDERING INFORMATION

Product code	SW-0358
Size	15A, 25A, 40A, 50A, 65A
Rating	5 kgf/cm ² , JIS F 7427
Pattern	Angle type hose valve
Accessories	Cap, coupling ring and chain fitted as standard
Order example	SW-0358 / 50A / 5K / HOSE VALVE ANGLE

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/cm²
Air and pulsating water	5 kgf/cm²
Non shock water	7 kgf/cm²
Shell hydraulic test	10.5 kgf/cm²

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 at deck stands
- 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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