

CI GLOBE HOSE VALVE FLANGE TYPE JIS 5K

Cast Iron Hose Globe Valve · JIS F 7333 · 5K Flanged Inlet, Hose Coupling Outlet

BRAND: JINHU ENGINEERING

SKU: SW-0420

ORIGIN: KOREA

JIS F 7333

5K FLANGED



FIG. 1 | CI GLOBE HOSE VALVE FLANGE TYPE JIS 5K

PRODUCT OVERVIEW

The hose globe valve is a marine deck valve to JIS F 7333. The inlet is flanged to the ship or platform pipework and the outlet carries a bronze hose coupling with a chained cap, so a fire or washdown hose can be connected quickly without tools.

The body is the same bolted bonnet globe construction used on the standard JIS valves, with a bronze disc and integral seat. Nakajima, Storz and AB couplings are available depending on the size, and the coupling type has to be stated on the enquiry because they are not interchangeable.

Product type	Hose globe valve, flanged inlet
Standard	JIS F 7333
Body material	Cast iron
Trim material	Bronze
Flange rating	JIS 5K
Outlet	Bronze hose coupling with cap and chain

TECHNICAL SPECIFICATION

Standard	JIS F 7333	Pulsating water	5 kgf/cm²
Body and bonnet	Cast iron	Non shock water to 120°C	7 kgf/cm²
Disc and seat	Bronze	Shell hydro test	10.5 kgf/cm²
Stem	Brass	Seat hydro test	7.7 kgf/cm²
Coupling	Bronze, with cap and chain	Coupling types	Nakajima 50A and 65A, Storz 40A to 65A, AB 65A only
Packing and gasket	Non asbestos	Size range	50A and 65A



PRODUCT DATA SHEET

CI GLOBE HOSE VALVE FLANGE TYPE JIS 5K

Ref. SW-0420 | Rev. 01

BILL OF MATERIALS

#	COMPONENT	MATERIAL	#	COMPONENT	MATERIAL
1	Body	Cast iron	14	Disc lock washer	Brass
2	Bonnet	Cast iron	15	Packing	Non asbestos
3	Disc	Bronze	16	Gasket	Non asbestos
4	Disc nut	Bronze or brass	17	Washer	Steel
5	Packing gland	Bronze or brass	18	Base connection	Bronze
6	Stem	Brass	19	Cap	Bronze
7	Handwheel	Cast iron	20	Coupling ring	Bronze
8	Hexagon nut	Steel	21	Set ring	Bronze
9	Hexagon nut	Steel	22	Set screw	Brass
10	Hexagon nut	Steel	23	Chain	Stainless wire
11	Stud bolt	Steel	24	Gasket	Rubber
12	Stud bolt	Steel	25	Gasket	Non asbestos
13	Split pin	Brass	26	Valve seat	Bronze

The coupling, cap, chain and set ring are the hose end assembly. State the coupling type on the enquiry: Nakajima, Storz and AB couplings do not mate with one another. An angle pattern body is available to the same standard.

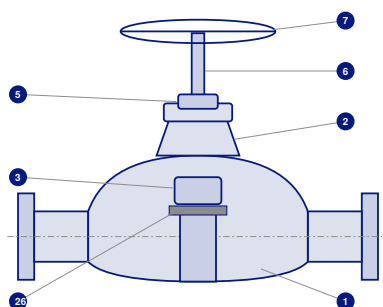


FIG. 2 | SECTIONAL ARRANGEMENT, PRINCIPAL COMPONENTS NUMBERED PER THE BILL OF MATERIALS

DIMENSIONS AND WEIGHTS

SIZE	ØD (MM)	ØD (MM)	ØC (MM)	N-ØH	T (MM)	L1 (MM)	L (MM)	H (MM)	H1 (MM)	WEIGHT (KG)
50A	50	130	105	4-Ø15	16	105	100	270	240	14.7
65A	60	155	130	4-Ø15	22	135	130	310	270	28.2

Ød = bore, ØD = flange diameter, ØC = bolt circle, N-Øh = number and diameter of bolt holes, t = flange thickness, L1 and L = face dimensions, H and H1 = heights. Figures are taken from the manufacturer catalogue and are nominal. The catalogue also lists a second weight column for the angle pattern; the weight shown is for the globe pattern.

Certified drawings are issued on request.



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ORDERING INFORMATION

FIELD	OPTIONS
Product description	CI Globe Hose Valve Flange Type JIS 5K
SKU	SW-0420
Size	50A or 65A
Flange rating	JIS 5K
Coupling type	Nakajima, Storz or AB, to be stated
Pattern	Globe standard. Angle on request
Order example	SW-0420 / 65A / JIS 5K / NAKAJIMA COUPLING

Stock held in Dubai for fast despatch across the UAE and GCC. Contact our sales desk for pricing, availability, project quantities and certification requirements.

COMPLIANCE AND QUALITY

- Designed and dimensioned to JIS F 7333
- Shell hydrostatic test at 10.5 kgf/cm²
- Seat hydrostatic test at 7.7 kgf/cm²
- Bronze trim and bronze hose coupling
- Non asbestos packing and gaskets
- Material certificate available on request

INSTALLATION

- Check that gaskets, bolts and flange faces are clean before assembly
- Tighten flange bolts evenly in a diagonal sequence
- Support the adjacent pipework so the valve carries no bending load
- Mount at a height where the coupling is easy to reach
- Keep the cap chained to the valve at all times

TYPICAL APPLICATIONS

- Fire hose stations on deck and in machinery spaces
- Washdown and general service hose points
- Marine and offshore platforms
- Harbour and jetty installations
- Shipyard and dockside water supply
- Emergency and standby water service

OPERATION AND MAINTENANCE

- Open slowly so the hose is not snatched by the sudden flow
- Close fully and refit the cap after every use
- Check the coupling gasket and the cap chain at every inspection
- Exercise the valve periodically so the disc does not stick

COMPANY

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