

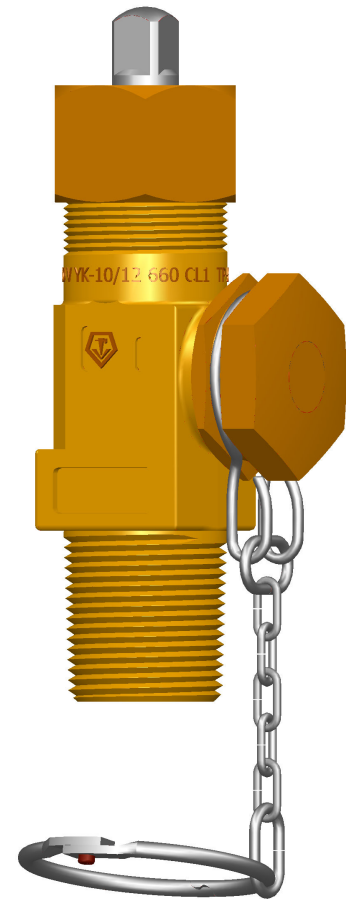
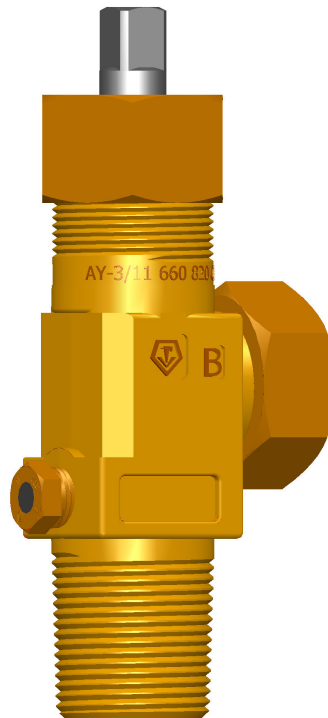
Series CAV-06

(Valve as per P17, Edition-4)

(Valve as per IS 3224:2002)



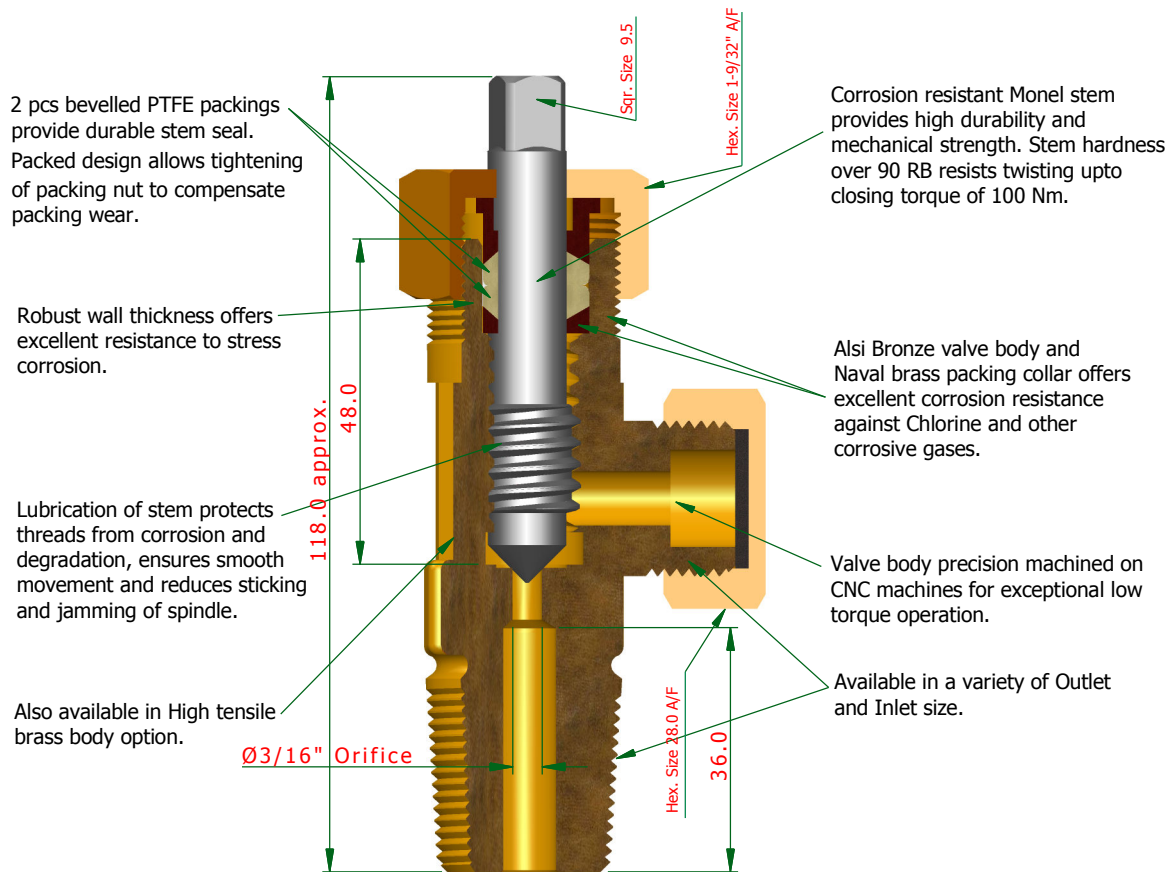
(Valve as per EN ISO 10297:2006)



- Precision machining for high performance
- Metal to metal positive shut off
- Corrosion resistant Material of Construction
- Easy maintenance for safe operation

ISO 9001:2008 and TPED certified valve manufacturer

Series CAV-06 → (14 x 19 mm Design)



Technical Details

✦ Minimum cycle life	: 6000 as per IS:3224
✦ Working Pressure	: 35 kgf/cm ²
✦ Hydraulic Test Pressure	: 53 kgf/cm ²
✦ Packing nut installation torque	: 54 Nm
✦ Stem closing torque	: 12 Nm
✦ Flow coefficient (Cv)	: 1.2
✦ Lubricant	: Krytox GPL 225

* Dimensions shown are for 25.4 Inlet and G5/8A-14 outlet

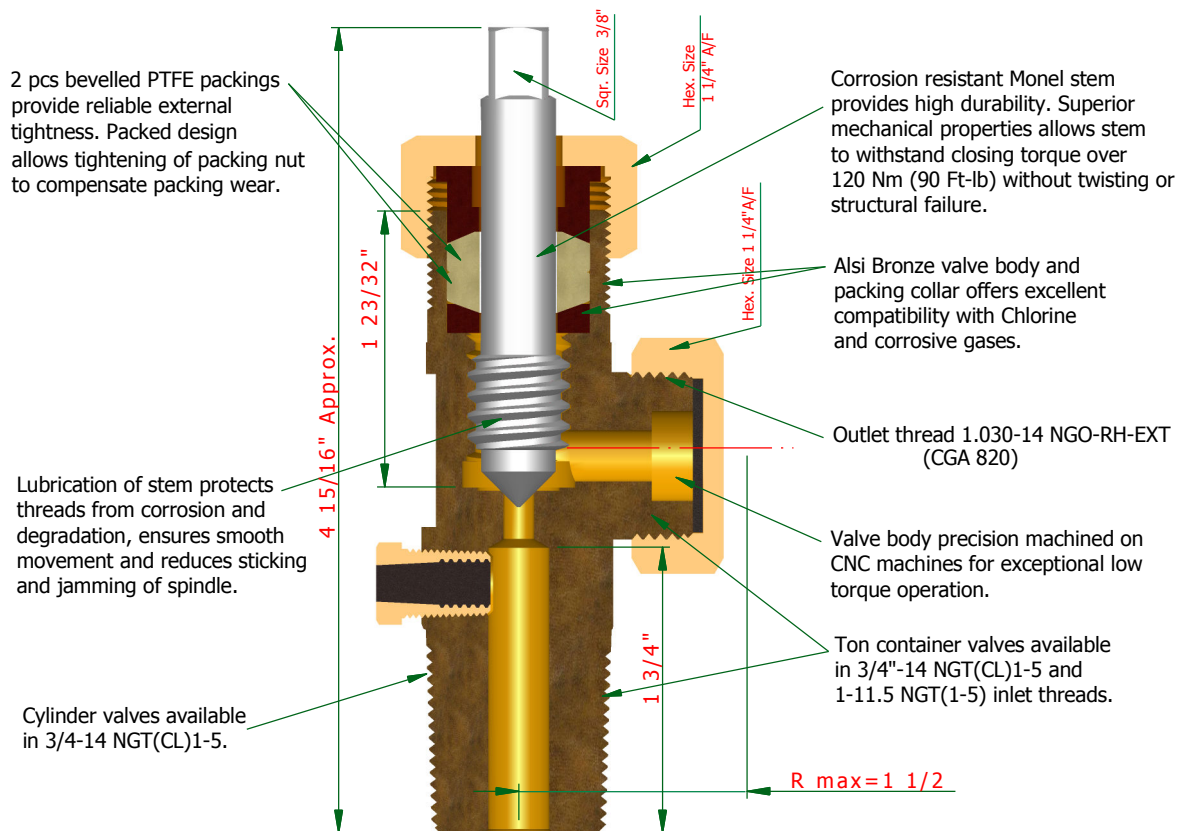
* All dimensions are in mm unless otherwise specified

Specification and Certification:-

- Meets IS 3224:2002, each production lot inspected and certified by Bureau of Indian Standard (BIS).
- Approved by PESO Nagpur.

ISO 9001:2008 and TPED certified valve manufacturer

Series CAV-06 → (19 x 22 mm Design)



Technical Details

✦ Minimum cycle life	: 2000 cycles as per CGA V-9
✦ Maximum Service Pressure	: 500 psig
✦ Proof pressure test	: 1000 psig
✦ Burst pressure test	: 1500 psig
✦ Operating temperature	: -46° C and 65° C
✦ Packing nut installation torque	: 40 Ft-lb
✦ Fuse plug installation torque	: 16 Nm(12 Ft-lb)
✦ Recommended Stem closing torque	: 9-11 Ft-lb
✦ Flow coefficient (Cv)	: 3/16" orifice - 1.2 (For cylinder) : 5/16" orifice - 1.8 (For Ton Container)
✦ Lubricant	: Krytox GPL 225.
✦ Fuse plug yield temperature (For cylinders only)	: 165° F (conforms to CGA S.1.1-2007)

* Dimensions shown are for 3/4"-14NGT (Cl-1) Inlet and CGA 820 outlet.

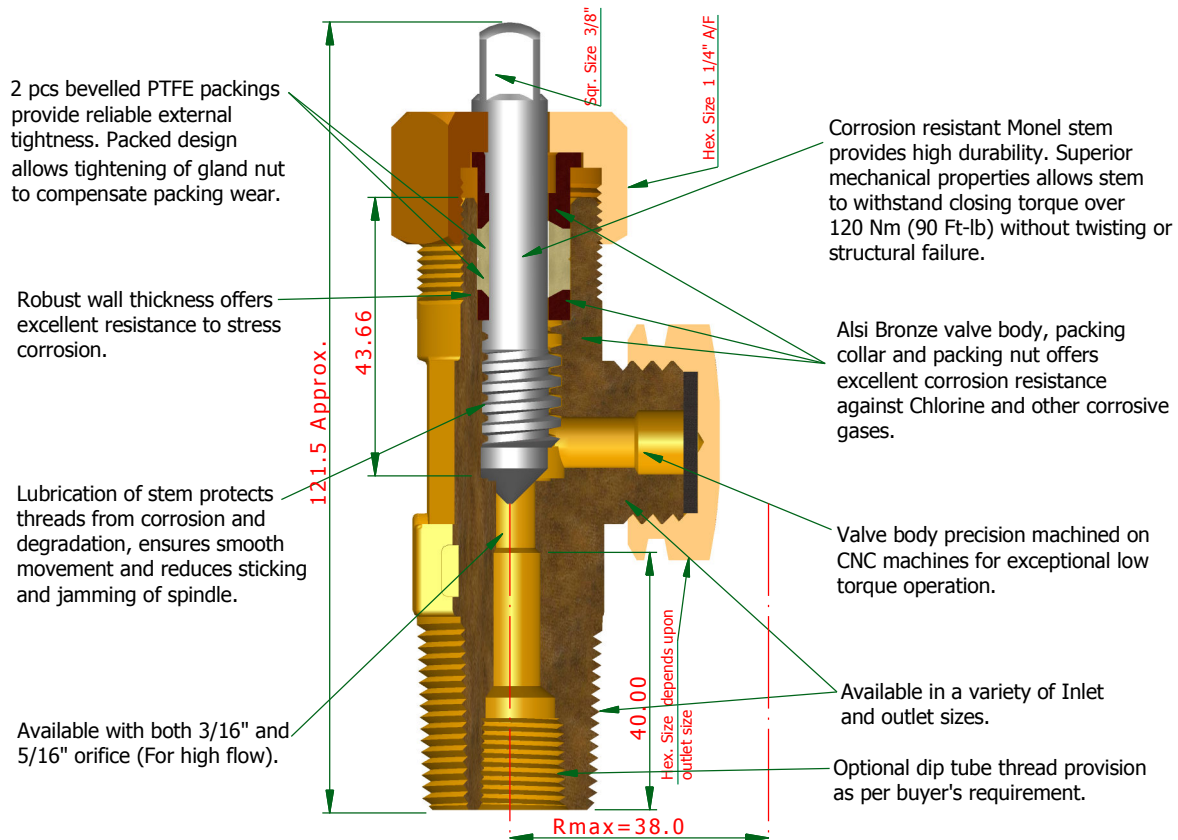
* All dimensions are in inch.

Specification and Certification:-

- Meets Design and Performance requirements of Pamphlet 17 of the Chlorine Institute (CI).
- Valves are compatible with CI open and closed Yokes with adaptor.
- Cylinder valves compatible with CI emergency Kit A.
- Ton container valves compatible with CI emergency Kit B.
- Also available in Alternate Design with robust wall thickness around valve body packing nut threads.

ISO 9001:2008 and TPED certified valve manufacturer

Series CAV-06 → (19 x 19 mm Design)




Technical Details

➤ Minimum cycle life	:	2000 as per EN ISO 10297
➤ Test Pressure	:	50 Bar (Max)
➤ Hydraulic Pressure test	:	150 Bar
➤ Operating temperature	:	-20° C to +65° C
➤ Packing nut installation torque	:	54 Nm (40 Ft-lb)
➤ Recommended Stem closing torque	:	3/16" orifice - 12 Nm (9 Ft-lb) 5/16" orifice - 15 Nm (11 Ft-lb)
➤ Flow coefficient (Cv)	:	3/16" orifice - 1.2 5/16" orifice - 1.8
➤ Maximum package mass which can be used without protective cap	:	111 kgs (3/16" orifice valve)
➤ Lubricant	:	Krytox GPL 225.

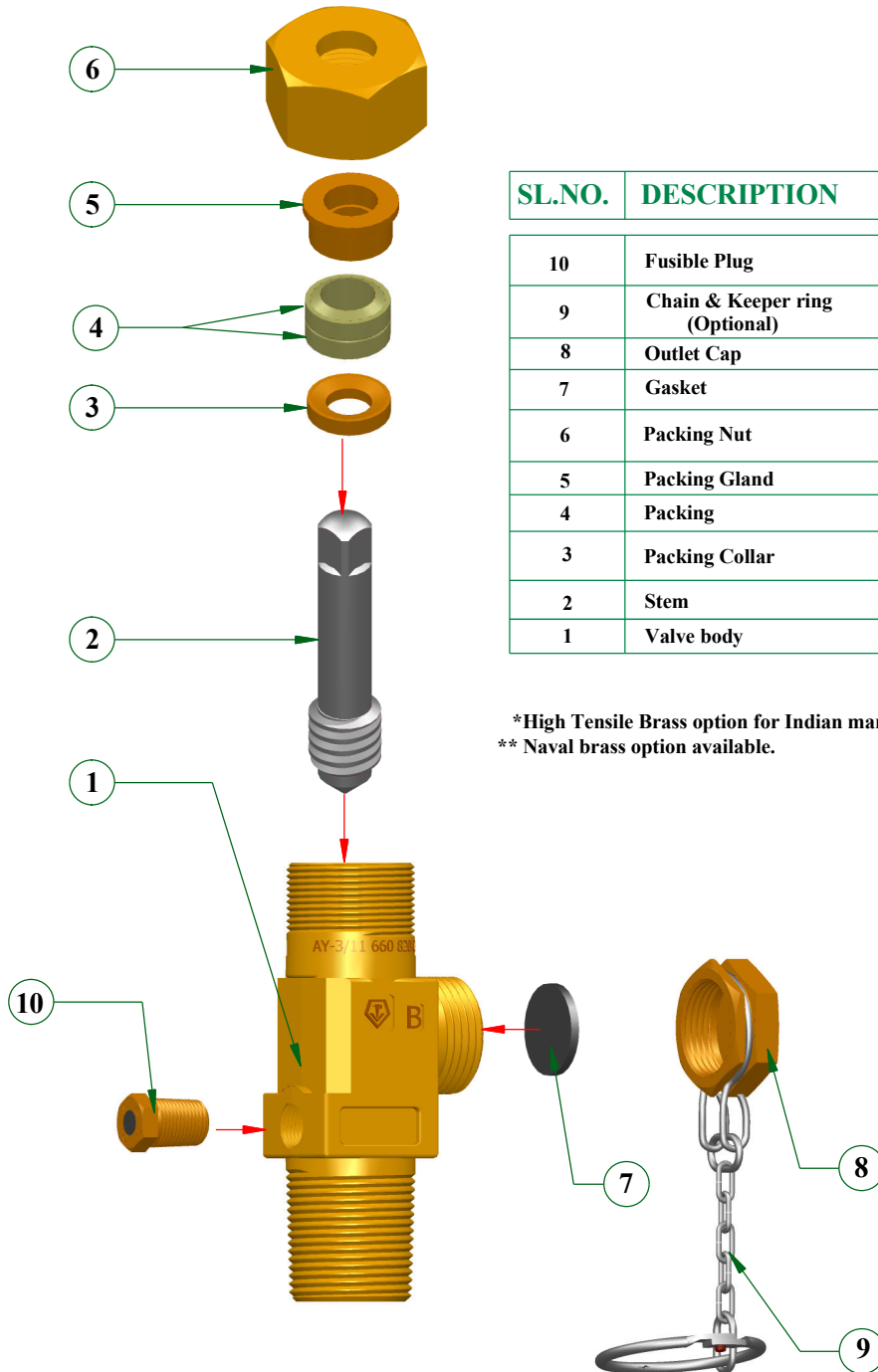
* Dimensions shown are for 25E Inlet and DIN No. 8 (1" BSW) outlet

* All dimensions are in mm unless otherwise specified

Specification and Certification:-

- Meets EN ISO 10297:2006, tested and certified by BAM Berlin.
- Available with  mark in accordance with TPED.

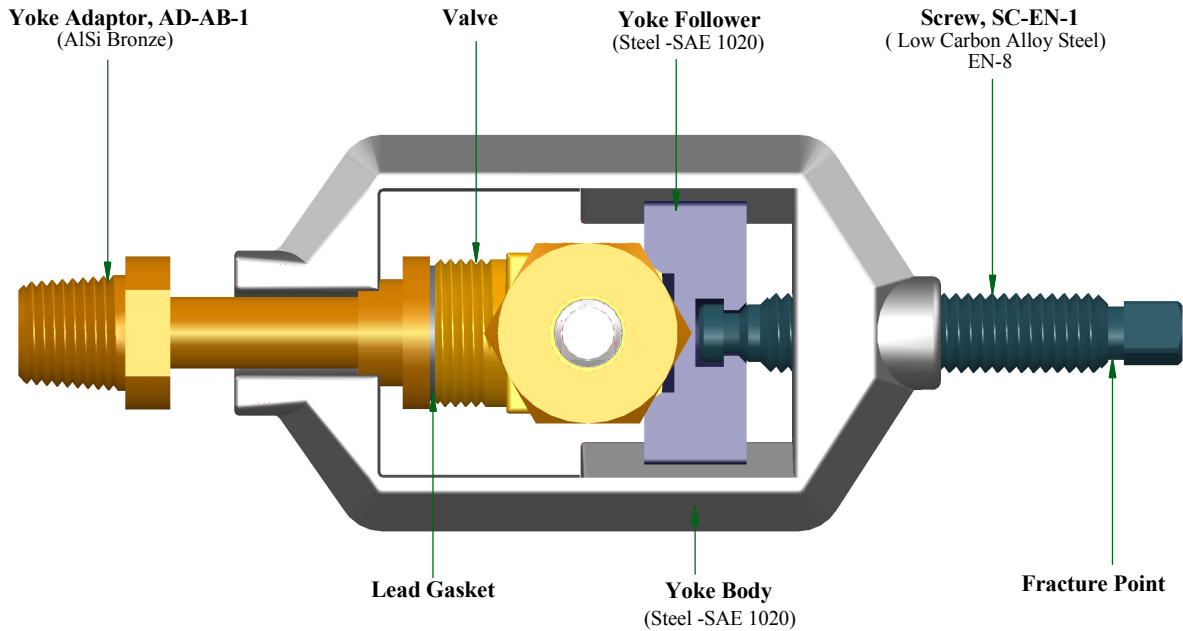
ISO 9001:2008 and TPED certified valve manufacturer



SL.NO.	DESCRIPTION	MATERIAL
10	Fusible Plug	Naval Brass with fusible alloy
9	Chain & Keeper ring (Optional)	Stainless Steel
8	Outlet Cap	Free cutting Brass **
7	Gasket	Pure Lead
6	Packing Nut	AlSi Bronze/ Free cutting Brass
5	Packing Gland	Free cutting Brass
4	Packing	PTFE
3	Packing Collar	AlSi Bronze/ Naval Brass
2	Stem	Monel®
1	Valve body	AlSi Bronze *

*High Tensile Brass option for Indian market.
** Naval brass option available.

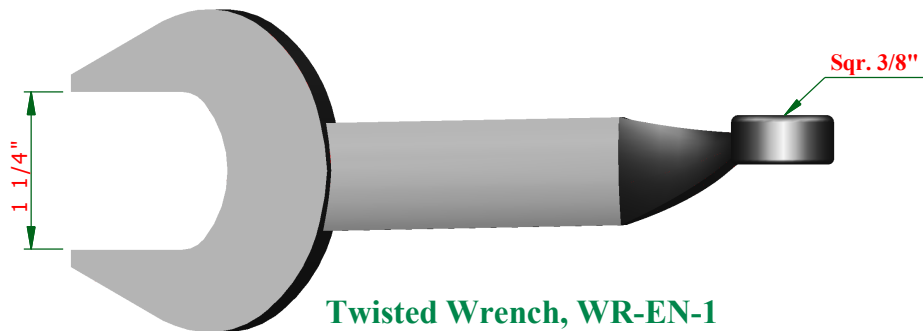
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Yoke Assembly, YS-EN-1

Features

- 1) Cadmium plated Yoke uses 9/16-12 UNC thread for long life.
- 2) Yoke screw designed to fail safely above 65 Ft-lb. Weak section provided to serve fracture point if the screw is excessively tightened.
- 3) Yoke adaptor available with 1/2-14 NPT male thread.
- 4) Yoke lead gasket available in 0.047", 0.062" and 0.125" thickness.



Features

- 1) Full hardened and tempered to RC 30-35 for excellent strength.
- 2) Closed tolerances on wrenching area for easy working.

- **Yoke Assembly for Chlorine valves manufactured to meet requirements of Pamphlet 17 of Chlorine Institute.**