



SRI VENKATESHWARA ENGINEERING



*One Stop Solution for
Gas Applications*

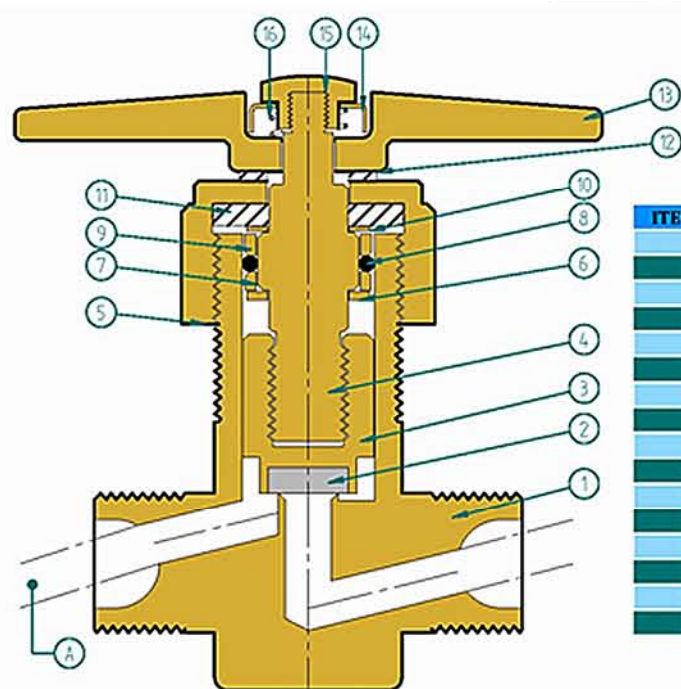


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High Pressure Main Valve

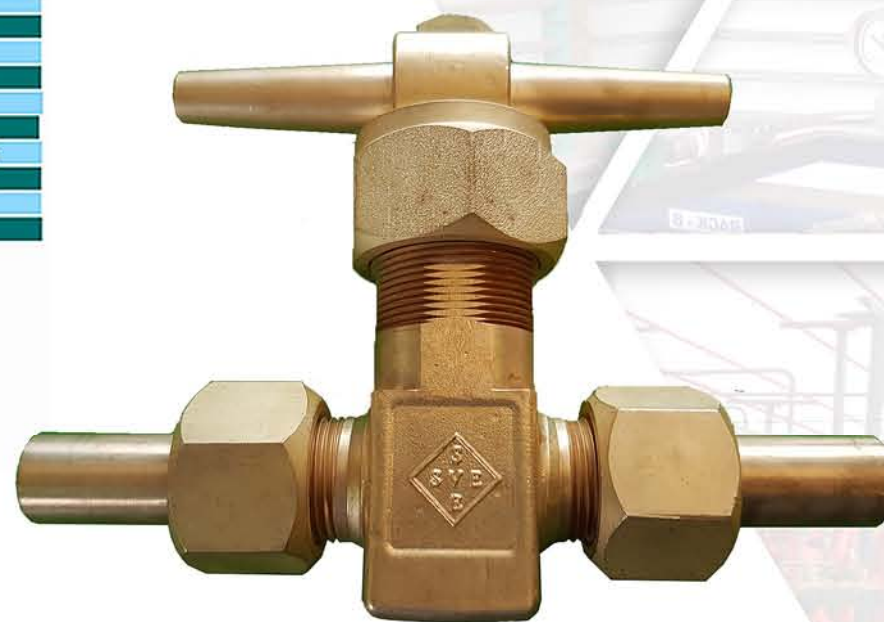
High Pressure Main Valves are used in cylinder filling stations and panels, cascade systems and other high-pressure manifold or gas distribution system.

- Robust forged body construction.
- Higher flow rate compared to other gas valves.
- Soft seating with good elasticity, good life for the seating.
- Long brass handle, low operating torque even under pressure.
- Ease of operation and installation.
- Design Pressure: 300 bar.
- All valves cleaned and degreased for oxygen service.
- Suitable for Oxygen, Inert, Hydrogen, Nitrogen service, Carbon di Oxide.
- Resistance to ignition in Oxygen service.
- Available in two sizes: 1" size and 3/4" size.
- O ring sealing for leak proof packing.
- Valve system tested under 300 bar of helium gas pressure.
- Manifold valve with swivel fittings to match SS tube, SS pipes or copper tubes



ITEM NO.	DESCRIPTION	MOC
1	BODY	FORGED BRASS
2	SEATING	PCTFE/LEAD
3	BONNET	FORGED BRASS
4	SPINDLE	BRASS
5	GLAND NUT	BRASS
6	BOTTOM WASHER	BRASS
7	O-RING BOTTOM GUIDE	BRASS
8	STEM SEAL O-RING	VITON-90
9	O-RING TOP GUIDE	BRASS
10	TOP WASHER	BRASS
11	GLAND PACKING	PTFE
12	HANDLE WASHER	NYLON
13	HANDLE	FORGED BRASS
14	HUB CAP	BRASS
15	LOCK NUT	BRASS
16	SPRING	SS316

VALVE TYPE	SEATING MOC	ORIFICE (A) (mm)
1" MV-K	KEL-F/PCTFE	12
1" MV-L	LEAD	12
3/4" MV-K	KEL-F/PCTFE	9
3/4" MV-L	LEAD	9



Other Products

- Gas Manifold
- Vacuum Jacketed Pipeline / Cryo Pipeline
- High Pure Gas Handling Equipment / Orbital Welding
- Quads / Cascades
- Manifold Cylinder Pallet / Cylinder Pallet
- Gas Filling Station
- Hydro Testing Station / Cylinder Testing Station
- Centralized Gas Piping / Gas Tubing
- Gas Mixer / Gas Blender
- Flexible Hoses
- Copper Pigtails
- **High Pressure Main Valves**
- Pressure Relief valve (SRV & TRV)
- Gas Regulators
- Brass / SS Gas Fittings
- Flash Back Arrestor
- Cryogenic Tank Repair
- Accessories for Gas Systems
- AMC for Gas Systems

**Our Gas Systems
have been approved
by World leaders in
Gas Industry**

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Our Clients



Our Gas Systems are approved by World leaders in Gas Industry such as Linde India, Praxair India, Inox Air Products, Taiyo Nippon and by leading industries in other sectors such as GE Health Care, Applied Material, Bosch, Mylan Laboratories, Titan, Samsung, Volvo, Mahindra Aero Space, Kalyani Rafael and Many more.



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