

## Valves (Wheel Operated) Single Spindle (JV-206-00)

Sr.No.	Gas Service	Wheel Operated	Inlet Thread Size *(As Per Customer Requirement)								Outlet Thread Size	Pitch Measured Along The Cone	Outlet No.of IS:3224	Working Pressure (Kgf/cm2)	Hydraulic Test Pressure (Kgf/cm2)
			1/2"	17E * (As per C.R)	3/4"	25E	1"	1-1/4"	1-1/2" * (As per C.R)	M18X1.5 * (As per C.R)					
1	Chlorine	Wheel Operated	1/2"	17E * (As per C.R)	3/4"	25E	1"	1-1/4"	1-1/2" * (As per C.R)	M18X1.5 * (As per C.R)	G 5/8" A X 14 BSP (RH)	1.814	5	200	300
2	Chlorine Trifluoride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
3	Chloro difluoro methane	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
4	Chloro trifluoro methane	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
5	Dichloro difluoro methane	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
6	Dichloro fluoro methane	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
7	Hydrogen Chloride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
8	Hydrogen fluoride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
9	Phosgene	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
10	Sulphur hexafluoride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
11	Trichloro fluoro methane	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
12	Dimethylamine	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G 5/8" A X 14 BSP (LH)	1.814	6	200	300
13	Ethylene Oxide	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
14	Ethylchloride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
15	Methylchloride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
16	Vinyl Chloride	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					

## Valve (Material of Construction) JV-206-00

Sr.No.	Description	Material	Specification
1	Valve Body	HT Brass	IS:3224/IS:6912
2	Soft Seat	Nylon (PA66)	-----
3	Spindle-I	Speed Steel/Free Cutting Brass	IS:319
4	Spindle-II	Speed Steel/Free Cutting Brass	IS:319
5	Washer	Nylon	-----
6	"O" Ring	Nitrile/Neoprene Rubber	-----
7	Back up ring	Nylon/Teflon	-----
8	Gland Plug	Free Cutting Brass	IS:319
9	Handwheel	ABS/Aluminium-ADC-12	-----
10	Cap (Knob)	ABS/Nylon	-----
11	Locking Nut	MS (Chrome Plated)	-----

### Technical Details (JV-206-00)

➔ K/O Minimum Valve closing Torque	10-12 Nm
➔ W/O Minimum Valve closing Torque	5-7 Nm
➔ K/O Valve Gland nut installation	70-80 Nm
➔ W/O Valve Gland nut installation	70-80 NM
➔ Operating temperature range	-20°C to 65°C
➔ Storage temperature range	-40°C to 65°C
➔ Minimum life cycle	6000 Cycles
➔ Valve working pressure	See as per table
➔ Valve hydrostatic pressure	See as per table
<b>NOTE:</b>	
<b>K/O (Key Operated)</b>	
<b>W/O (Wheel Operated)</b>	