

Valves (Key Operated) Single Spindle (JV-204-00)

Sr.No.	Gas Service	Key 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	Chlorine	Key Operated	1/2"	17E *(As per C.R)	3/4"	25E *(As per C.R)	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	50	75
2	Chlorine Trifluoride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
3	Chloro difluoro methane	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
4	Chloro trifluoro methane	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
5	Dichloro difluoro methane	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
6	Dichloro fluoro methane	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
7	Hydrogen Chloride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
8	Hydrogen fluoride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
9	Phosgene	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
10	Sulphur hexafluoride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
11	Trichloro fluoro methane	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
12	Dimethylamine	Key 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	50	75
13	Ethylene Oxide	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
14	Ethylchloride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
15	Methylchloride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
16	Vinyl Chloride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G 3/8" A X 19 BSP (RH)	1.337	13	50	75
17	Chlorine	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
18	Dichloro difluoro methane	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
19	Hydrogen Chloride	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G 3/8" A X 19 BSP (LH)	1.337	14	50	75
20	Phosgene	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
21	Butadiene	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
22	Ethylene Oxide	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G 3/8" A X 19 BSP (LH)	1.337	14	50	75
23	Hydrogen Sulphide	Key Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					

Valve (Material of Construction) JV-204-00

Sr.No.	Description	Material	Specification
1	Valve Body	HT Brass / Steel	IS:3224 /IS:6912
2	Spindle	Speed Steel	-----
3	Gland Packing Washer	Free Cutting Brass	IS:319
4	Gland Packing	PTFE	-----
5	Bush	Free Cutting Brass	IS:319
6	Gland Nut	Free Cutting Brass	IS:319

Technical Details (JV-204-00)

➡	K/O Minimum Valve closing Torque	8-12 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
NOTE:		
K/O (Key Operated)		
W/O (Wheel Operated)		