

Valves (Wheel Operated) Double Spindle (JV-203-00)

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	Oxygen	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G5/8"X14 BSP-RH	1.814	3	250	375
2	Medical Oxygen	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G5/8"X14 BSP-RH	1.814	3	250	375
3	Nitrogen	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G3/4"X14 BSP-A (RH)	1.814	20	250	375
4	Argon	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G3/4"X14 BSP-A (RH)	1.814	20	250	375
5	Hydrogen	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G5/8"X14 BSP-LH	1.814	2	250	375
6	Helium	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G3/4"X14 BSP-A (RH)	1.814	20	250	375
7	Air	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G7/8"X14 BSP-A (RH)	1.814	19	250	375
8	Acetylene	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	G5/8"X14 BSP-LH	1.814	2	90	135
9	Neon *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G3/4"X14 BSP-A (RH)	1.814	20	250	375
10	Krypton *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G3/4"X14 BSP-A (RH)	1.814	20	250	375
11	Xenon *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G3/4"X14 BSP-A (RH)	1.814	20	250	375
12	Methane *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G5/8"X14 BSP-LH	1.814	20	250	375
13	Ethylene *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G5/8"X14 BSP-LH	1.814	20	250	375
14	Butadiene *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G5/8"X14 BSP-LH	1.814	20	60	90
15	Coal Gas *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G5/8"X14 BSP-LH	1.814	20	250	375
16	Dimethyl Ether *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G5/8"X14 BSP-LH	1.814	20	60	90
17	Isobutylene *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	G5/8"X14 BSP-LH	1.814	20	30	45
18	Carbon Monoxide *	Wheel Operated	1/2"	-----	3/4"	-----	1"	1-1/4"	-----	-----	Ext W21.8X1.814 (RH)	1.814	7	250	375

Valve (Material of Construction) JV-203-00

Sr.No.	Description	Material	Specification
1	Body	HT Brass	IS:3224/IS:6912
2	Soft Seat	Nylon (PA6)	----
3	Spindle-I	Free Cutting Brass	IS:319
4	Spindle-II	SS /Free Cutting Brass	IS:319
5	Thrust Washer	Nylon (PA66)	----
6	"O" Ring	Nitrile/Neoperene Rubber	----
7	Gland Nut	Free Cutting Brass	IS:319
8	Spring	S.S - 202 /304	----
9	Nut (Knob)	Free Cutting Brass	IS:319
10	Handwheel	Al.Alloy	----

Technical Details (JV-203-00)

➔	K/O Minimum Valve closing Torque	8 Nm
➔	W/O Minimum Valve closing Torque	5 Nm
➔	K/O Valve Gland nut installation	60-70 Nm
➔	W/O Valve Gland nut installation	60-70 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)		