

## Valves (Wheel Operated) Double Spindle (JV-201-00)

Sr.No.	Gas Service	Wheel Operated	Inlet Thread Size								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	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5					
1	CO <sub>2</sub> (Carbon Dioxide) D/S	Wheel Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	Ext W21.8 X 1.814 (RH)	1.814	7	160	240

### Valve (Material of Construction) JV-201-00

Sr.No.	Description	Material	Specification
1	Body	HT Brass	IS:3224
2	Soft Seat	Nylon (PA66)	----
3	Spindle -1	Free Cutting Brass	IS:319
4	Spindle -2	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	Spring Steel	----
9	Nut (Knob)	Free Cutting Brass	IS:319
10	Brusting Disc	Copper	----
11	Copper Washer	Copper	----
12	Safety Plug	Free Cutting Brass	IS:319
13	Hand Wheel	Al.Alloy	----

### Technical Details (JV-201-00)

➔ K/O Valve closing	6 Nm
➔ W/O Valve closing	5 Nm
➔ K/O Valve Gland nut installation	60 Nm
➔ W/O Valve Gland nut installation	35 NM
➔ K/O Valve retainer plug	12 Nm
➔ W/O Valve retainer plug	12 Nm
➔ Safety disc burst pressure	200-220 kgf/cm2
➔ Operating temperature range	-20°C to 65°C
➔ Storage temperature range	-40°C to 65°C
➔ Minimum life cycle	6000 Cycles
➔ Valve working pressure	160 kgf/cm2
➔ Valve hydrostatic pressure	240 kgf/cm2

**NOTE:**

**K/O (Key Operated)**

**W/O (Wheel Operated)**