

Valves (Key Operated) Single Spindle (JV-200-00)

Sr.No.	Gas Service	Key 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 ₂ (Carbon Dioxide)	Key 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

Valves (Wheel Operated) Single Spindle (JV-200-00)

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 ₂ (Carbon Dioxide)	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-200-00

Sr.No.	Description	Material	Specificatin
1	Body	HT Brass	IS: 3224
2	Soft Seat	Nylon (PA66)	-----
3	Spindle (Key Type)	Stainless Steel AISI - 304	AISI
4	Spindle (Wheel Type)	Stainless Steel AISI - 304	AISI
5	Gland Packing Washer	Free Cutting Brass	IS: 319
6	Gland Packing	Teflon	-----
7	Gland Nut	Free Cutting Brass	IS: 319
8	Brusting Disc	Copper	-----
9	Copper Washer	Copper	-----
10	Safety Plug	Free Cutting Brass	IS:319

Technical Details (JV-200-00)

→ 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)	