

## CO<sub>2</sub> Squeeze Valve (JV-207-00)

Sr.No.	Gas Service	Handle 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	CO <sub>2</sub> (Carbon Dioxide)	Handle 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)	Ext W21.8 X 1.814 (RH)	1.814	7	160	240

## Valves (Material of Construction) JV-207-00

Sr.No.	Description	Material	Specification
1	Squeeze Valve Body CO2	HT Brass	IS:3224/IS:6912
2	"O" Ring (Spring Retainer Plug)	Nitrile/Neoperene Rubber	-----
3	Spring Retainer Plug	Free Cutting Brass	IS:319
4	Spring	Spring Steel	-----
5	Seat Holder	Free Cutting Brass	IS:319
6	Seat	Nitrile/Neoperene Rubber	-----
7	Stem	Free Cutting Brass	IS:319
8	Spilt Dowl/Rivet	M.S/Aluminium	-----
9	"O ring (Stem)	Nitrile/Neoperene Rubber	-----
10	Locking Pin	M.S	Crome Plated
11	Handle Upper	M.S	Powder Coated (Black)
12	Handle Lower	M.S	Powder Coated (Black)
13	Tie for Locking Pin	PVC/Rubber	-----
14	Brusting Disc	Copper	-----
15	Copper Washer	Copper	-----
16	Safety Plug	Free Cutting Brass	IS:319
17	Spilt Pin	S.S	-----

### Technical Details (JV-207-00)

➔ Valve Gland nut installation	60 Nm
➔ Valve retainer plug	12 Nm
➔ Safety disc burst pressure	200-220 kgf/cm <sup>2</sup>
➔ 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/cm <sup>2</sup>
➔ Valve hydrostatic pressure	240 kgf/cm <sup>2</sup>