

## Valves (Key Operated/ Knob Operated) Double Spindle (JVP-036-00)

Sr.No.	Gas Service	Key Operated	Inlet Thread Size (* As Per Customer Requirement)							Taper on diameter	Pitch Measured Along The Cone	Length of Thread	Working Pressure (Kgf/cm2)	Hydraulic Test Pressure (Kgf/cm2)	
1	Oxygen	Key /Knob Operated	1/2"	* 17E	3/4"	* 25E	1"	* 1/4"	1- 1/2"	M18X1.5	1:08	1.814	22.23 +3.17 -0.0	175	262.5
2	Nitrous Oxide	Key /Knob Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	1:08	1.814	22.23 +3.17 -0.0	175	262.5
3	Carbon dioxide	Key /Knob Operated	1/2"	17E	3/4"	25E	1"	1-1/4"	1-1/2"	M18X1.5	1:08	1.814	22.23 +3.17 -0.0	175	262.5

### Valve (Material of Construction) JVP-036-00

Sr.No.	Description	Material	Specificatin
1	Body	HT Brass	IS: 3224
2	Gland Nut	Free Cutting Brass	IS: 319
3	Spindle I	Speed Steel/Free Cutting Brass	IS: 6603/IS:319
4	Spindle II	Speed Steel/Free Cutting Brass	IS: 6603/IS:319
5	Teflon Washer	P.T.F.E	-----
6	"O" Ring	Nitrile/Neoprene Rubber	-----
7	Seat	Nylon	-----
8	Spring	Speed Steel / Spring Steel	AISI 304
9	Knob	ABS	-----
10	Nut (Knob)	Free Cutting Brass	IS: 319
11	Cap (Knob)	ABS	-----
12	Teflon Washer	Teflon	-----
13	Brass Washer	Free Cutting Brass	IS: 319
14	"O" Ring	Nitrile/Neoprene Rubber	-----

### Technical Details (JVP-036-00)

➡ K/O Valve closing	7 Nm
➡ K/O Valve Gland nut installation	60 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	175 kgf/cm2
➡ Valve hydrostatic pressure	262.5 kgf/cm2
<b>NOTE:</b>	
<b>K/O (Key Operated)</b>	
<b>W/O (Wheel Operated)</b>	