

Valves (Key Operated) Single Spindle (JVP-037-00)

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)	
			1/2"	* 17E	3/4"	* 25E	1"	* 1-1/4"	* 1-1/2"						
1	Oxygen	Key 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
2	Nitrous Oxide	Key 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 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-037-00

Sr.No.	Description	Material	Specificatin
1	Body	HT Brass	IS: 3224
2	Soft Seat	Nylon (PA66)	-----
3	Spindle	Stainless Steel AISI - 304	AISI
4	Washer	Free Cutting Brass	IS: 319
5	Gland Packing	Teflon	-----
6	Gland Nut	Free Cutting Brass	IS: 319
7	Teflon Washer	Teflon	-----
8	Brass Washer	Free Cutting Brass	IS: 319
9	"O" Ring	Nitrile/Neoprene Rubber	-----

Technical Details (JVP-037-00)

➡ 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
NOTE:	
K/O (Key Operated)	
W/O (Wheel Operated)	