

Valves Nitrous Oxide (Key Operated) (JV-205-00)

| Sr.No. | Gas Service | Key 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 | N ₂ O (Nitrous Oxide) | Key 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 W17.46 X 1.27 (RH) | 1.27 | 12 | 200 | 300 |

Valve (Material of Construction) JV-205-00

| Sr.No. | Description | Material | Specification |
|--------|----------------------|--------------------|---------------|
| 1 | Valve Body | HT Brass | IS:3224 |
| 2 | Spindle | Speed Steel | ----- |
| 3 | Gland Packing Washer | Free Cutting Brass | IS:319 |
| 4 | Gland Packing | PTFE | ----- |
| 5 | Gland Nut | Free Cutting Brass | IS:319 |
| 6 | Handwheel | Al.Alloy / ABS | ----- |
| 7 | Hex Nut | MS (Zn.Plated) | ----- |

Technical Details (JV-205-00)

| | | |
|-----------------------------|----------------------------------|------------------|
| ➡ | K/O Minimum Valve closing Torque | 10-12 Nm |
| ➡ | W/O Minimum Valve closing Torque | 5-7 Nm |
| ➡ | K/O Valve Gland nut installation | 70-80 Nm |
| ➡ | W/O Valve Gland nut installation | 70-80 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 | See as per table |
| ➡ | Valve hydrostatic pressure | See as per table |
| NOTE: | | |
| K/O (Key Operated) | | |
| W/O (Wheel Operated) | | |