

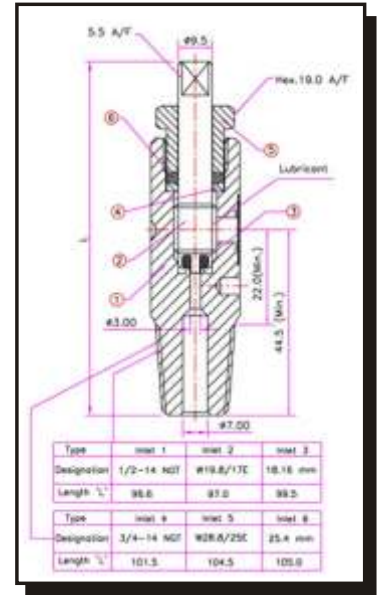
Pin Index Valves for Medical Gas

Key operated valves

Series : MYC-11

Product Features

- Valves manufactured in accordance to IS 3745:2006 for domestic market.
- Valve outlet suitable for yoke connection. Design of holes in valve such that gas tight seal shall only be possible when the pins in the yoke correspond to the holes in the valve.
- Valves also available for other gas services and mixtures in different indexing arrangement including two-pin valve connection system with the pins in a double row.
- Valve design has passed oxygen pressure surge test (50 cycle) at Wendell Hull and Associates Inc. (WHA) PR TP 212 Kg/cm₂.
- Valve body and gland nut are bright Nickel chrome plated for aesthetic look and corrosion resistance.
- Valves cleaned to requirements of CGA G-4.1.



Service Chart

Gas Service	Maximum Working Pressure - Bar	Description	Note : Outlet configuration and basic dimension for each gas service in different International standards have functional interchangeability	
			IS 3745:2006	BS EN ISO 407:2004
			x	25.0 ^{+0.8/-0.2}
y	22.2 ^{+0.4/0.0}			
z	16.0 min			
		Spindle diameter	9.5 mm	9 mm
		Wrench flat	5.5 mm	
		Flat length (min)	9.5 mm	8 mm
Nitrous Oxide	200	Outlet No.	Fig. 10	Fig. 13
Medical Oxygen			Fig. 6	Fig. 9
Medical Air			Fig. 14	Fig. 17
Carbon Dioxide			Fig. 13	Fig. 16
50% O ₂ and N ₂ O Mixture (Entonox [®])			Fig. 15	Fig. 8

Torque Values

Closing	6 Nm
Gland Nut Installation	45 Nm

Material of Construction

Item No.	Description	Material
1	Valve body-extruded	High tensile brass CuZn40Mn1Pb1FeSn to EN 12164
2	Spindle	Stainless steel AISI 304
3	Soft seating	Nylon 66
4	Gland washer	Free cutting brass IS 319 (Grade 1)
5	Gland nut	
6	Packing	Teflon [®]

