

Committed to Providing Quality Products
with the Best Service

Uflow[®]
Automation
INDIA

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve



Country of Origin - INDIA



Uflow Automation is an engineering organization committed to provide complete solutions to customer's requirements. We are established in the year 2007 and progressing with a vision of applying finest engineering practices in valve manufacturing industry by our restless and high skilled **ENGINEERS**, standard organizational **PROCESSES** and superior quality **PRODUCTS**.

We are leading in solenoid valve manufacturing company in India, Know as **UFLOW** our range of products include - Pilot Operated Diaphragm Type Valves, Pneumatically Control Valves, Gas Solenoid valves, High Pressure Valves, Industrial Valves, Pneumatic Directional Control Valves, Rotary Coupling and Actuators. Our products are sold across INDIA and being exported outside India in various other countries.

Our Quality	Our Commitment	About Us
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> In-House full scale testing facility. <input checked="" type="checkbox"/> Lean manufacturing practices / six sigma, kaizen, 5S. <input checked="" type="checkbox"/> Certified by : ISO 9001:2015 (TUV Nord), CE, ERDA, CIMFR, BIS, PESO. 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> To understand customer's need first before proposing our products. <input checked="" type="checkbox"/> To keep on providing competitive rate's by adapting to continuous process improvement, without compromising on quality. <input checked="" type="checkbox"/> To provide continuous support to our customers and go beyond their expectations in terms of delivery and after sale services. 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> In house R&D, manufacturing and testing facility is all located in a single premise at Rajkot Gujarat India. <input checked="" type="checkbox"/> Authorized channel partners in 20 different states in India. <input checked="" type="checkbox"/> Sales office in the UAE, Germany, Chile, Australia (Expanding).

We started building our products for a specific market segment and over the period of time we progressed to built it for various sectors that includes:

- | | | | | | |
|---|---|--|---|--|--|
| <input checked="" type="checkbox"/> Textile | <input checked="" type="checkbox"/> Water Treatment | <input checked="" type="checkbox"/> Energy & Power | <input checked="" type="checkbox"/> Packaging | <input checked="" type="checkbox"/> Pharmaceutical | <input checked="" type="checkbox"/> Oil & Gas |
| <input checked="" type="checkbox"/> Nuclear | <input checked="" type="checkbox"/> Marine | <input checked="" type="checkbox"/> Chemical | <input checked="" type="checkbox"/> Food and Beverage | <input checked="" type="checkbox"/> Steel & Cement | <input checked="" type="checkbox"/> Automotive |

We stand amongst the pioneers of the industry because of our following competitive advantages:

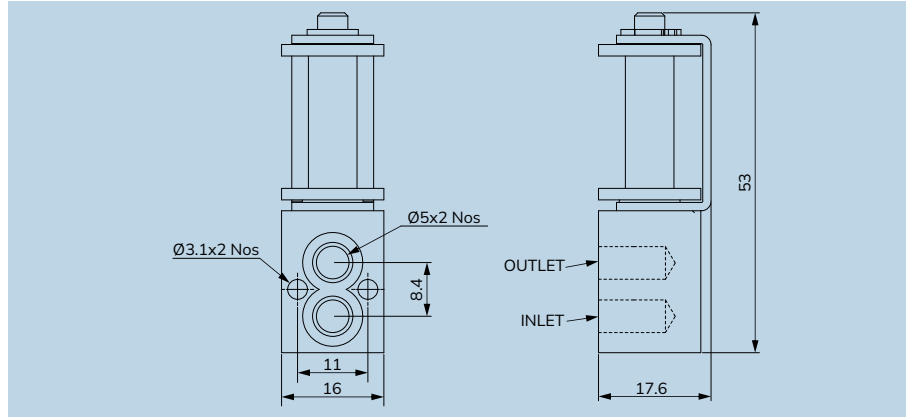
- Total quality management allow us to maintain the quality of our products,
- We follow genuine customer relationship policy and that help us to build trusted relationships.
- We believe in timely delivery and consistent quality standard, and this is possible due to the state of the art testing facility, that ensures our customers don't have any complains.
- Innovative products range with sophisticated and latest technology.
- Qualified customer service team, facilitate with the customers to resolve their respective query. Also feel free to ask for our customer references and product samples.

Uflow's Quality control is based on the platform of stringent process control by elimination of production variances; by a computerized integrated system we are able to guarantee the quality of products, and by recording each production step to ensure effective data analysis as well as a complete and efficient traceability of both components and finished products. This practice helps us in maintaining standards of high competitiveness in the marketplace.

Note: *For Any Other Information Contact Uflow.
* All Information may change without prior notice.



MEDICAL VALVES
SERIES



Specifications

Valve Type:	2 Way Normally Closed
Port:	Manifold Mounting
Body Material:	Brass
Seal:	NBR Optional FKM
Media:	Air, Oxygen, Nitrous Oxide, Carbon Dioxide, Heliox & Other Medical Gases
LPM:	150LPM @ 35PSI Differential Pressure
Operating Environment:	32 °F to 132 °F (0 °C to 55 °C)
Storage Temperature:	-40 °F to 158 °F (-40 °C to 70 °C)
Dimensions:	L-17.6mm, W-16mm, H-53mm
Weight:	56g
Power:	12V DC (2.5 Watts)
Electric Termination:	15" Lead Wire
Stem Base:	Stainless steel
All Others:	NBR/FKM, Stainless Steel, Stainless Steel, Aluminium(Manifold)

Features

- Low power consumption generates less heat
- Proven performance tested to 100 million life cycles
- Uses either DC current or pulse width modulation with closed loop feedback to deliver optimal system performance.

Applications

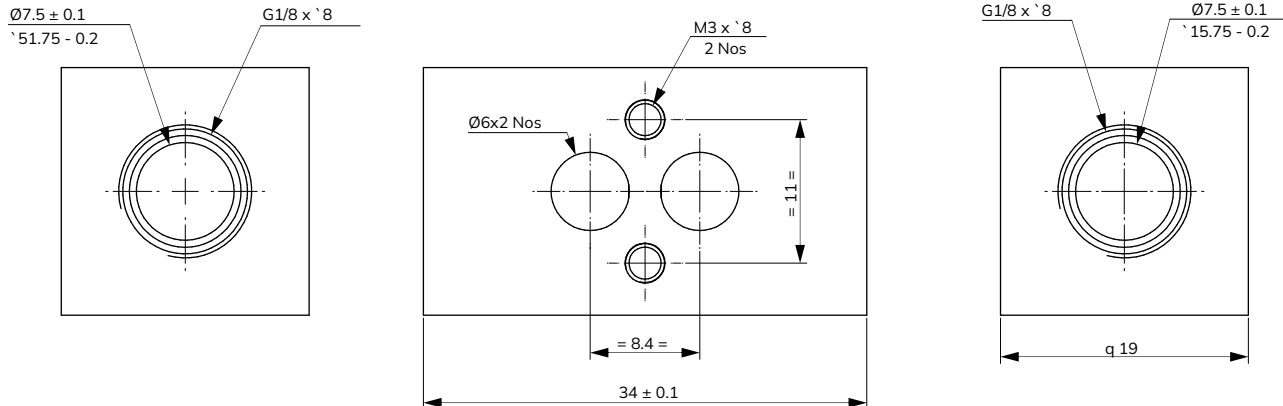
- Ventilators
- Anesthesia Delivery & Monitors
- Insufflators
- Pressure and Flow Control

Performance Characteristics

Leak Rate:	The leakage shall not exceed the following values: Internal: 5.0 sccm of Air up to 101 psi (7 bar) External: 0.5 sccm of Air up to 101 psi (7 bar)
Hysteresis:	25% of full scale current (Max)
Response time:	10ms Typical
Reliability:	100 Million Cycles, 0.95 Reliability Factor, 95% Confidence Interval

NOTE: Contact for customized configuration: eg custom calibration and electrical connections.

Manifold Dimensions



NOTE: In order to provide the best possible solution for your application, please provide the following requirements when contacting Applications Engineering: Media, Inlet & Outlet Pressures System Supply Voltage Minimum Required Flow Rate Media & Ambient Temperature Range

PROPORTIONAL SOLENOID VALVE MODEL IDENTIFICATION CHART



PRODUCT TYPE	BODY MATERIAL	SEAL MATERIAL	PORT SIZE	PRESSURE	LPM	CONFIGURATION	VERSION
I	B	V	M	30	008	BLANK	V0
	BRASS	VITON	MANIFOLD MOUNTED	30 PSI	8 LPM	REGULAR	VERSION 0
			B	45	015	C1	V1
				35	150	C2	V2
				60	005	C3	V3
					
						C9	V9
						CA	VERSION 10
						CB	VERSION 11

IBVM30008V0
 MANIFOLD MOUNTED PROPORTIONAL SOLENOID VALVE BRASS-VITON-30 PSI-8 LPM

Our Clients



Global Presence...



Made In India



CONTACT US:

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