



JRU CONTTROL PVT LTD

(FORMERLY PLACKA INSTRUMENTS & CONTROL PVT LTD)

An ISO 9001:2000
COMPANY

TYPE ALV SERIES AIR LOCK-Up Valve



QMS 009
Reg No: RQ91/4527

LOCK - UP VALVE

When accident takes place on air operated process control line due to air source or air supply piping line, lock-up valve retains pressure at the tool end until restored to normal condition.

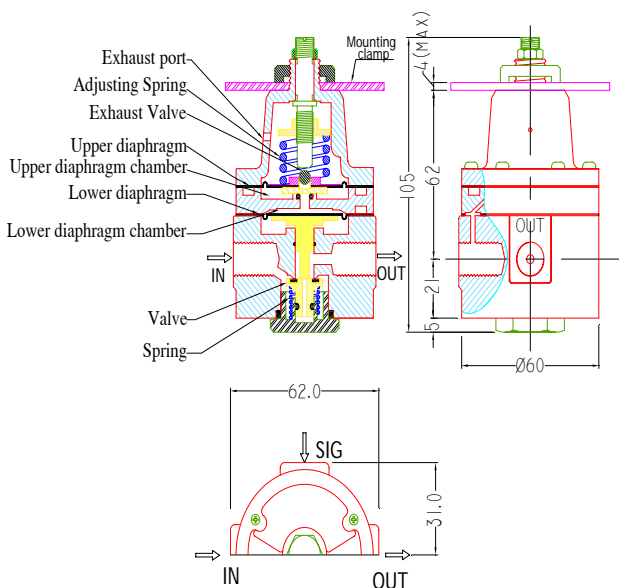


SPECIFICATIONS	
Proof Pressure	Max.9.9 Kgf/Sq.cm
Signal Pressure	1.4 – 7 kgf/sq.cm
Line Pressure	Max.7 kgf/sq.cm
Effective Orifice (Cv)	17 mm ² (0.9)
Ambient and fluid temperature	-5 to 60 ^o c
Connections	¼ , ½
Hysterisis	Within 0.1 kgf/sq.cm

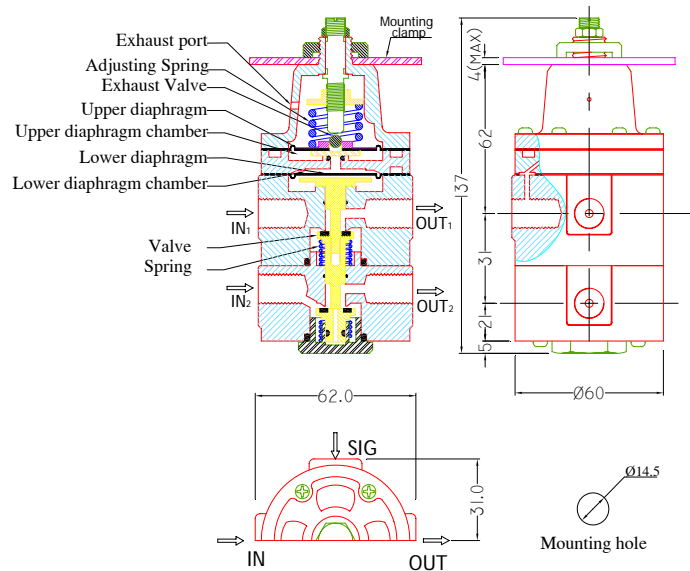
MODEL			
Model	Weight	Note	Connection
ALV-S-6	430gf	Single acting	¼" / 6mm
ALV-D-6	640gf	Double acting	¼" / 6mm
ALV-S-12	425gf	Single acting	½" / 12mm
ALV-D-12	635gf	Double acting	½" / 12mm

Construction / Dimensions (mm)

Single Acting



Double Acting



OPERATION

Safe signal pressure enters the upper diaphragm chamber 1 and compresses the adjusting spring 3 and moves the upper diaphragm 2 upward. It also closes the exhaust valve 4. Signal pressure also enters the lower diaphragm chamber 5 and exerts a downward force on the valve 8. This opens the flow path from 'IN' and 'OUT' ports for flow in either direction.

When malfunction in the control signal circuit occurs pressure holding the lower diaphragm downwards is lost through the exhaust valve 4. Valve 8 closes with spring return and the circuit is sealed. For double acting lock-up valve above operation is extended by an extra valve movement allow two separate circuits to be protected.

A BRIEF PROFILE:

The company JRU CONTTROL (formerly placka instruments & control pvt ltd) was started in the year 1984. It is located 25 km from Chennai airport by the main grand trunk road. It has a land area of 21/2 acres with a built-up area of 10,000sq.ft. The company is headed by Dr J. JACOB PLACKA who has 50 yrs of expertise in the field of instrumentation. The products manufactured are air filter regulator, lubricator, air lock-up relay, volume booster, orifice plates, rotameters and transmitters. It is equipped with all modern testing facilities for inspection, measuring and testing. The products are approved by EIL, BHEL, DAE, ONGC, HPCL, BPCL, IPCL, CPCL, BALCO, NALCO, GSFC AND many more. We are an ISO 9001:2000 certified company. We adhere to strict quality systems.

OUR OTHER PRODUCTS



PRECISION AIR REGULATOR



MIDI AFR



AIR VOLUME BOOSTER



FRL'S

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