

Needle dispensing valves



LubTec needle dispensing valves are used for processing low to high viscosity media. Adjusting the position of the needle in relation to its seat can control the size of the outlet orifice, thus giving control of the flow rate of the material. When fully closed, the needle seals against its seat and is sealed at the throat by an adjustable packing set. The valve is constructed in two separate parts – material part and pneumatic part. This separation of the fluid section from the actuating air section means that it is not possible for any leaking material to flow into the actuating air cylinder, which might otherwise cause a malfunction of the valve. The valve can be equipped with an electrical needle motion control

Product Features

- Small material passageway
- Extremely high opening and closing forces
- Fitted with special adjustable packing
- Double acting pneumatic actuation
- Capable of withstanding high pressures
- Needle locking

options

- 5/2 pneumatic valve - solenoid valve plate
- Manual handle with trigger or foot pedal for pneumatic or electric operation
- Electric control
- Heating

Technical Specifications

Internal diameter	Order number	Working pressure / max. pressure (bar)	Inlet thread	Outlet thread	weight
1	401-00-24	250/315	1/8i	adapter for needle	0,2 kg
2,5	401-09-01	250/315	1/4i	adapter for needle	0,5 kg
6	401-23-00	250/315	1/4	adapter for needle	1,5 kg
12	401-23-03	100/315	1/2	3/8	1,6 kg
16	401-16-09	60/250	3/4	1/2	