

## Extrusion valve MMDV + MMDV LV/KV



In many cases the extrusion valves of series MMDV and MMDV LV/KV give the opportunity to solve application jobs by their low weight and their small dimensioned construction, especially for the installation in machines or robots.

The very small dimensions of valves give the opportunity to install them with very low space requirements. With the long nozzles (LV) the valves can be sloped to each other such to achieve narrow nozzle distances.

These valves are suitable for the application of glues, adhesives, oils and sealing compounds. Depending on nozzle dimension, fluids of different viscosities can be applied.

The extrusion valves of series MMDV are designed for material pressures up to 30 bar.

The control of valve is reached through two separate air connections. One for the opening of needle and one for the closing of needle. This has to be done via an external pneumatic valve.

- available nozzle dimensions:  
0,2 / 0,3 / 0,4 / 0,5 / 0,6 / 0,7 / 0,8 / 1,0 / 1,2 / 1,5 / 2,0 / 2,5 mm  $\varnothing$
- With ratchet regulator for easy adjusting amount of fluid.
- regulation of fluid outlet optional with counter nut adjustment

### Technical data:

material pressure:	max. 30 bar
control air pressure:	min. 6 bar
cycles:	up to 30 cycles per second
measurements:	140 x 30 x 15 mm (with nozzle LV)
valve body:	brass, chemically nickel plated
nozzle:	stainless steel
needle MMD:	stainless steel
needle MMDV LV/KV:	tungsten carbide
gaskets:	Viton® (other materials on request)

Special designs on request.  
Technical alterations reserved.  
For further information please contact us.