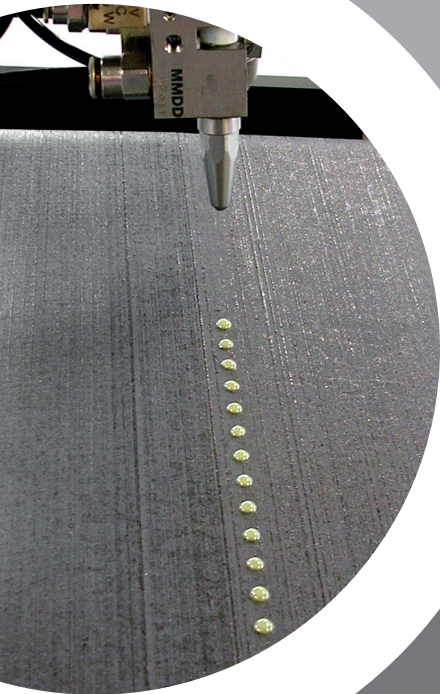


TEKAWE

Exhaust- and spraying valves
for **dot-/
line- and
area application**



Dosage. Lubrication. Control.

Contact

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TEKAWE

Tribo- und Industrietechnik GmbH

General Information

- Nozzle designs in many shapes and sizes
- Electrical / pneumatic control
- Any installation position
- Grid regulation for easy adjustment of the material quantity
- Materials **Nozzle: stainless steel,**
 Needle: tungsten carbide,
 Seals: Viton (other materials on request)

(Grease-) Exhaust valves

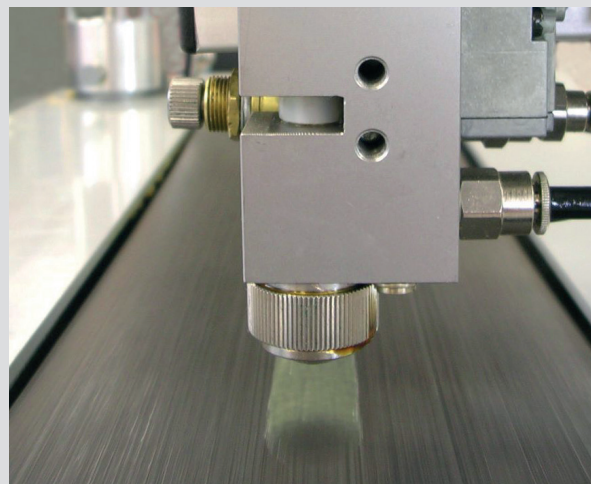
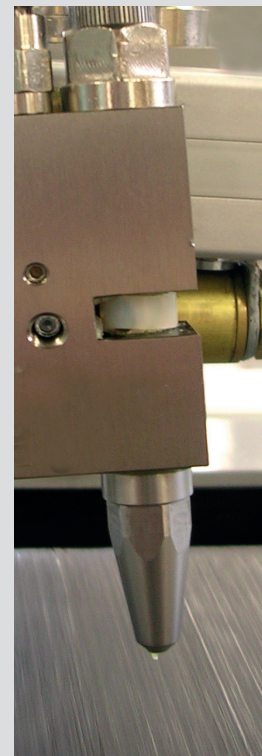
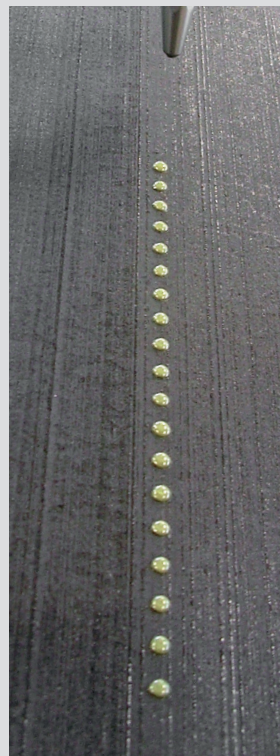
In many application cases, spot or linear grease application is necessary or advisable. With our precise outlet valves, uniform grease application is achieved. Precisely metered quantities can be applied in circular, linear, or punctiform manner thanks to the pulsing.

The highest cycle frequency is approx. 200 cycles/sec. The exhaust valve is a pneumatically controlled applicator for processing pasty media (adhesives, sealing materials, greases up to and including NGLI class 2-3). Extremely short control air paths, which are made possible by the directly flange-mounted 5/2-way solenoid valve, ensure fast and very precise opening and closing movements of the needle. The maximum working pressure is 10-100 bar, depending on the version. Spraying can be carried out either intermittently or continuously.

(Grease-) Spraying valves

Optimum lubricant supply can often only be achieved by spraying on the lubricant. With the spray valves we offer, greases up to and including NGLI class 2-3 can be applied by fine spraying. Application with 1-component adhesives is also possible.

Spraying can be carried out both intermittently and continuously. Control air pulses are directed to the working piston via the 5/2-way control valve, which enables very fast and precise intermittent spraying. To keep the nozzle clean (no pre- or post dripping), the valve works with pre- or post air, whereby the duration of the post air can be set individually.



TEKAWE valves – precisely for your application

- We are happy to make you an offer for your individual application, or carry out spraying trials and test demonstrations with the desired medium. Simply get in touch with us.

Technical Data

	(Grease-) Exhaust valve	(Grease-) Spraying valve
Nozzle size Ø mm	0,2 / 0,3 / 0,4 / 0,5 0,6 / 0,7 / 0,8 / 0,9 1,0 / 1,2 / 1,5 2,0 / 2,5	0,3 / 0,5 / 0,8 1,0 / 1,2 / 1,5 / 2,0
Injection pressure	max. 100 bar	max. 35 bar
Air control pressure	mind. 6 bar	mind. 5-6 bar
Dimensions [mm]	162 x 15 x 82	132 x 81 x 22