

- Nozzle-models in many forms and dimensions
- Electrical /pneumatical activating
- variable mounting position
- Rasterregulierung zum einfachen Verstellen der Materialmenge
- materials: nozzle: stainless steel
 needle: hard metal
 sealing: viton (*)
 (*) other material on request

(Grease-) discharging valves

In many cases of applications a punctual or linear discharging is necessary, e.g. worthwhile.

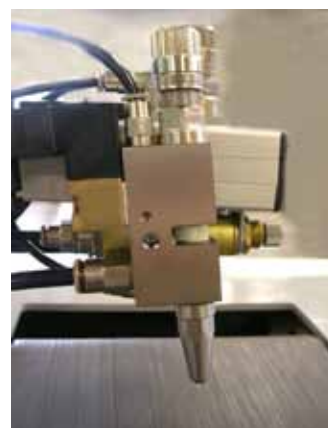
With our precise discharging valves an even grease application is obtained. With timing it can exactly proportioned quantities of circle, linear or punctually amounts be laid on.

The highest frequency of timing is 50-60 cycles/sec.

The discharging valve is a pneumatically steered item for processing pasty media (adhesives, seal materials, greases up to NLGI class 2-3).

Extremely short control air ways, which are made possible by the directly flanged on 5/2-way-solenoid valve, bring a very fast and accurate open- and close-motion of the needle.

The max. operating pressure is 10-100 bar depend on model. Discharging can take place either intermittently or continuously.



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(Grease-) spraying valves

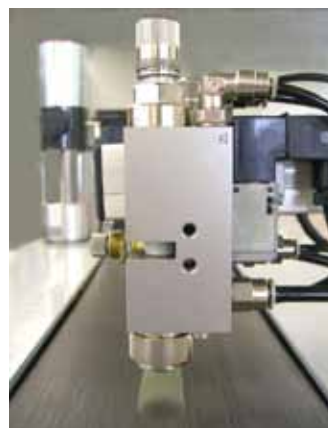
Often an optimal lubricant supply can be achieved only by spraying of the lubricant.

The spraying valves offered by us fulfill these widespread demands.

With them its possible to spray greases finely until NLGI class 2-3. (also adhesives)

Spraying can take place both intermittently and continuously. Through the 5/2-way control valve air impulses are routed to the working piston. The air pressure has to be approx. 5-6 bar.

For the cleaning of the nozzle (no pre- or after-dripping) the valve works with pre- and/or after-air-pressure, whereby the duration of the after-air-pressur can be individually adjusted.



Denomination	size of the nozzle / Ø	pressure of medium	pressure of control air	measures [mm]	Item-No. (basic model)
(Grease-) discharging valve	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	max. 100 bar	min. 6 bar	162 x 15 x 82	2.11 40.1
(Grease-) spraying valve	0,3 / 0,5 / 0,8 / 1,0 / 1,2 / 1,5 / 2,0	max. 35 bar	min. 5-6 bar	132 x 81 x 22	2.08 21.1

Grease discharging valves

Grease spraying valves

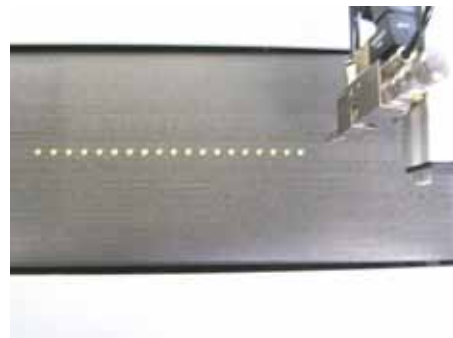
Additional instructions for use:

The processing of media by means of the discharging valves requires attention from the user regarding to following basic rules:

Before using media it has to be clarify, if:

- it is possible a processing of the medium due to its flow characteristics with the discharge valve
- the medium is corresponding to the desired requirements e.g. like compatibility with seals material

The possibility for spraying of a lubricant depends not alone of the viscosity or penetration, but also is affected to a considerable degree by the additives. In any case, lubricants should be examined of solid or detention material additives before its spraying application.



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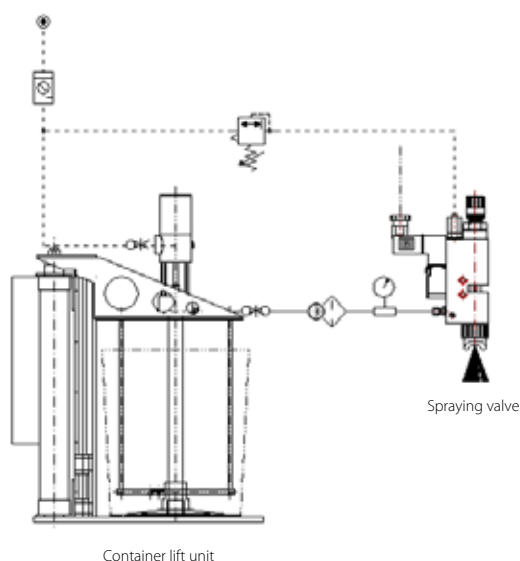
Grease discharging unit

With the grease discharging unit its possible to charge grease in a safe, filtered and pulsation-free way to the spraying valve or discharging valve. The unit plant consists of grease-station (barrel pump or container lift system), filter, manometers and additional armatures and pipes.

With the container lift system a fast and problem-free change of material bundles for pasty media is ensured.

Pedestrian pulling up by hand of the stripping cover and the grease pump takes place here pneumatically.

-> please see our data sheet (43e-1510) about container lift systems



edition: 02.08.11

With this special precise discharging valves an even grease application is obtained.

The hand lever enables a simple handling - the term of dispensing could be effected individual. The hand discharge valve is suitable for hanging on a balancer. The amount of grease can be adjusted with a knurled screw.

NEW

Advantages:

- high reducing of costs
- process safety
- clean environment
- very easy for automation
- micro discharging
- no after-dripping
- high clock cycle
- easy to integrate

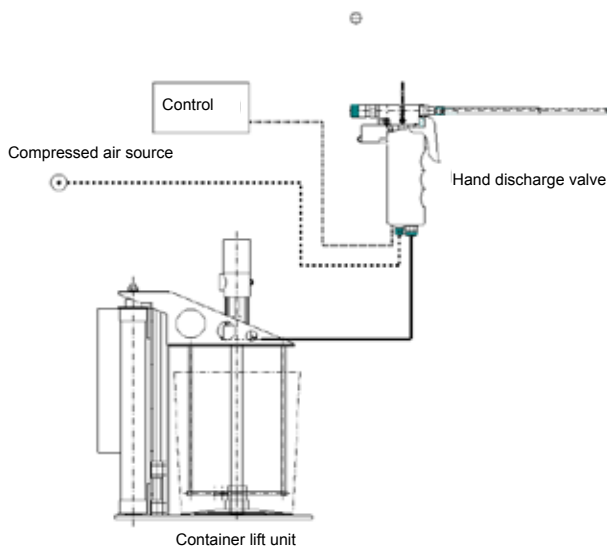
Technical data:

dimension:	105 x 15 x 150 mm
weight:	approx. 480 g
working pressure:	min. 6 bar
pressure of material:	approx. 20 bar
sealing:	viton-seal



43e-8270-3

Example:



Denomination	Item-No.
elektropneumatische hand discharge valve	2.11 43.1

Other models on request.

All technical data and pictures are for information only and without responsibility.
All design is subject to change without notice.