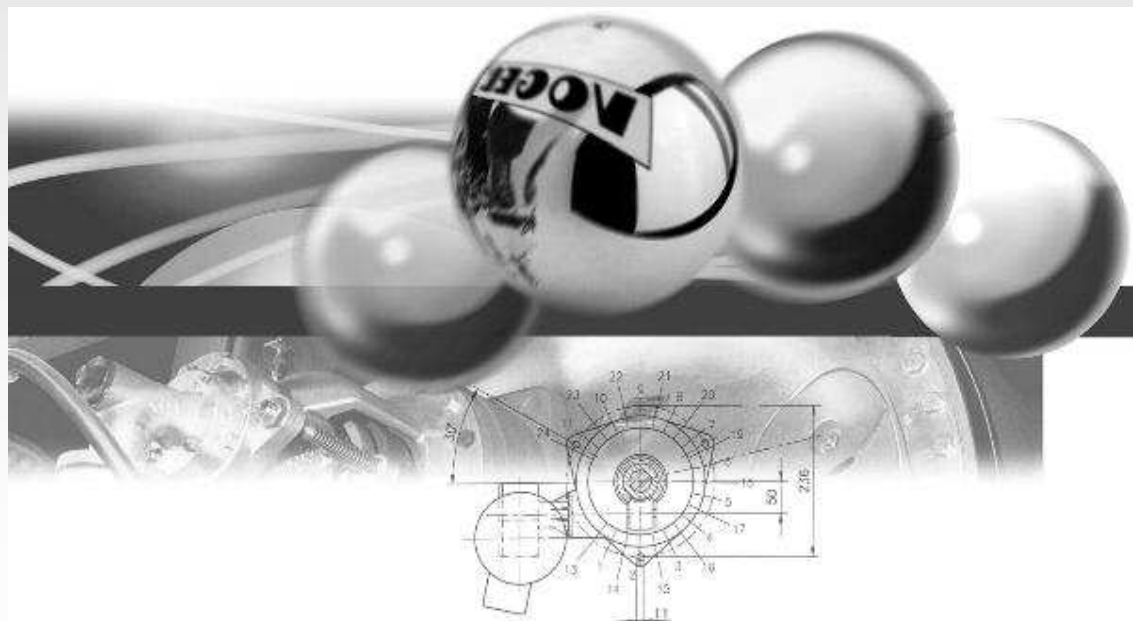


VOGEL®

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Dosalub : metering units



Welcome **Bienvenue** *Willkommen*



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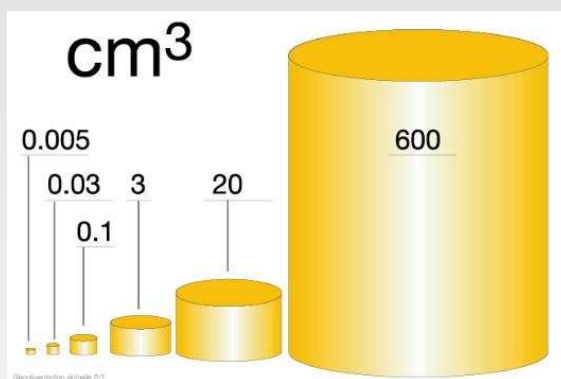
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Industrie-Hydraulik Vogel & Partner GmbH .
Laugfeld 21 . 01968 Senftenberg, Tel.: 03573 1480-0
info@vogel-gruppe.de . www.vogel-gruppe.de



DOSALUB

Dosalub : metering units



Application

- Car parts (control arms, seat tracks),
- Motors, transmissions, brake gears,
- Electric household appliances (small gear motors),
- Ball bearings,
- Locking systems,
- Etc...

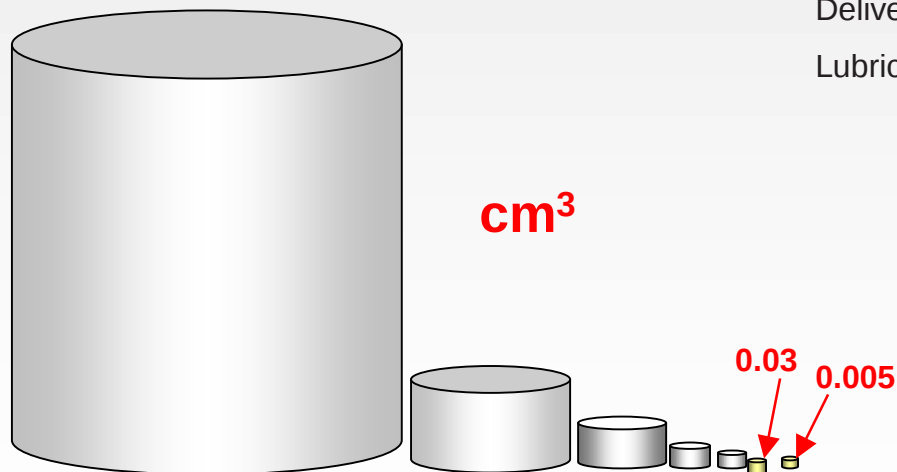




RDI metering unit

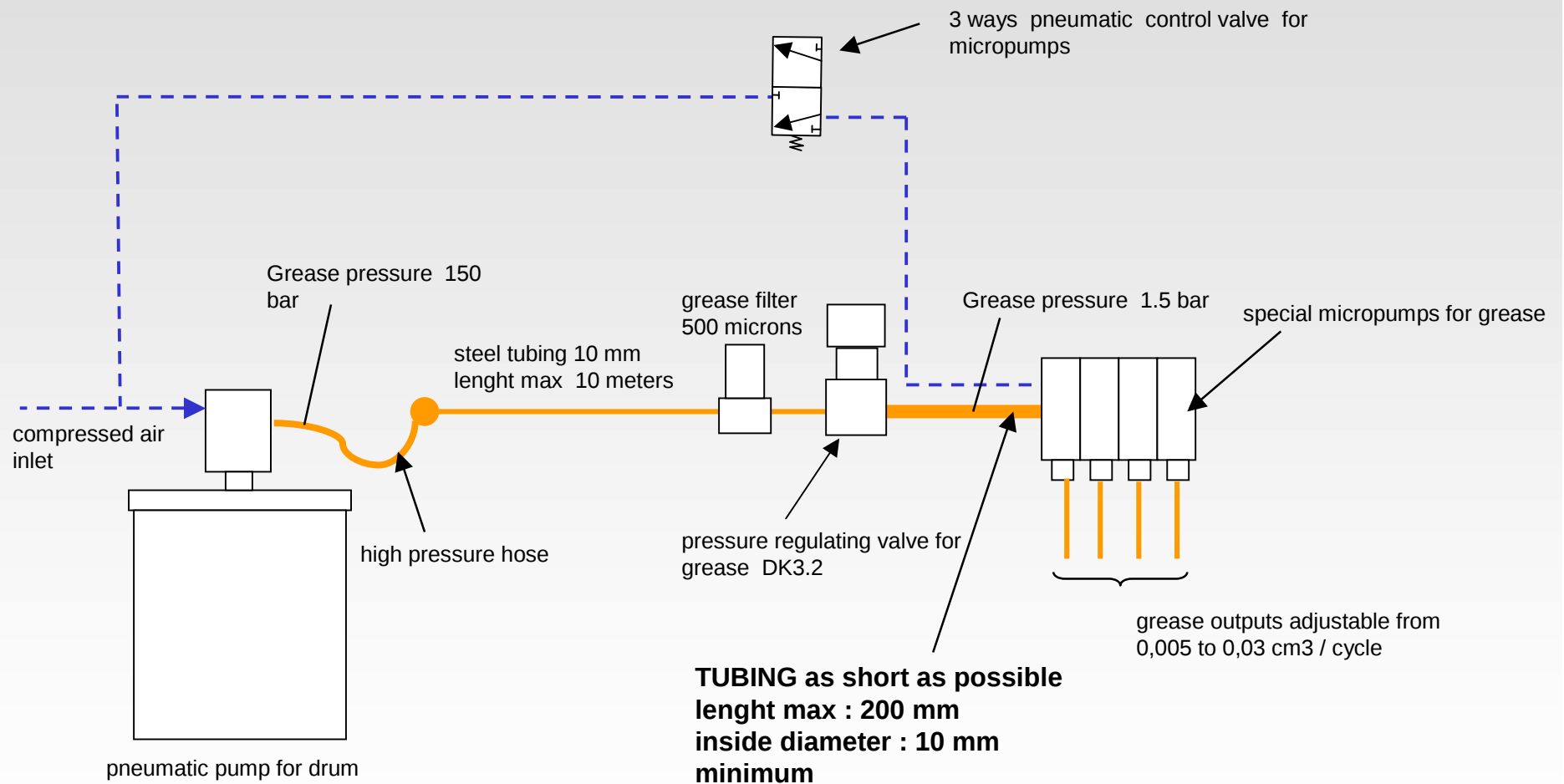
Technical data

Air inlet pressure	4 to 10 bars
Lubricant inlet pressure max.	1.5 bar
Working frequency	1 stroke / 2 seconds
Operating temperature	+15 to +40 °C
Delivery rate	0.005 to 0.03 cm ³
Lubricant	grease up to NLGI 2



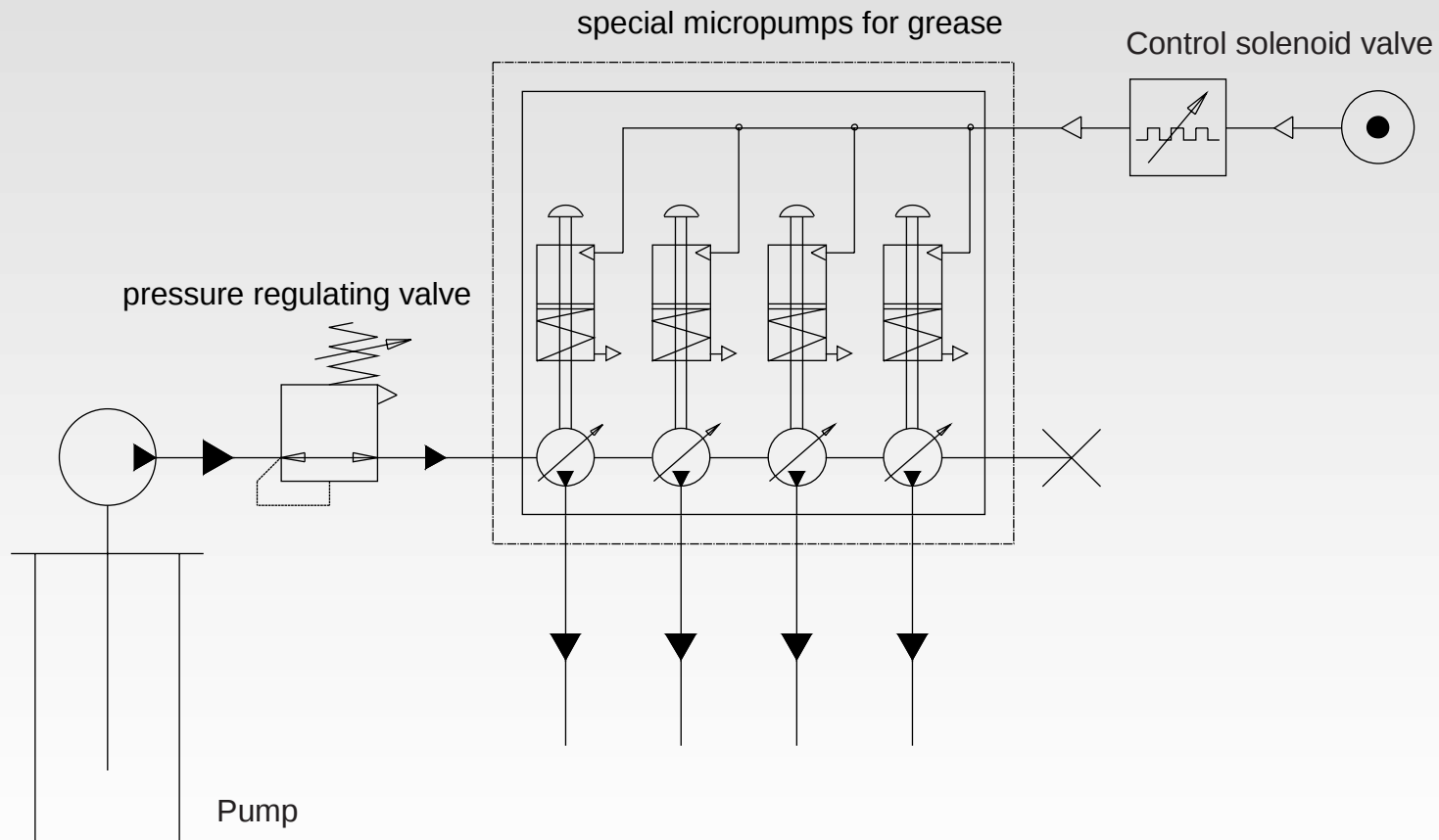
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RDI metering unit



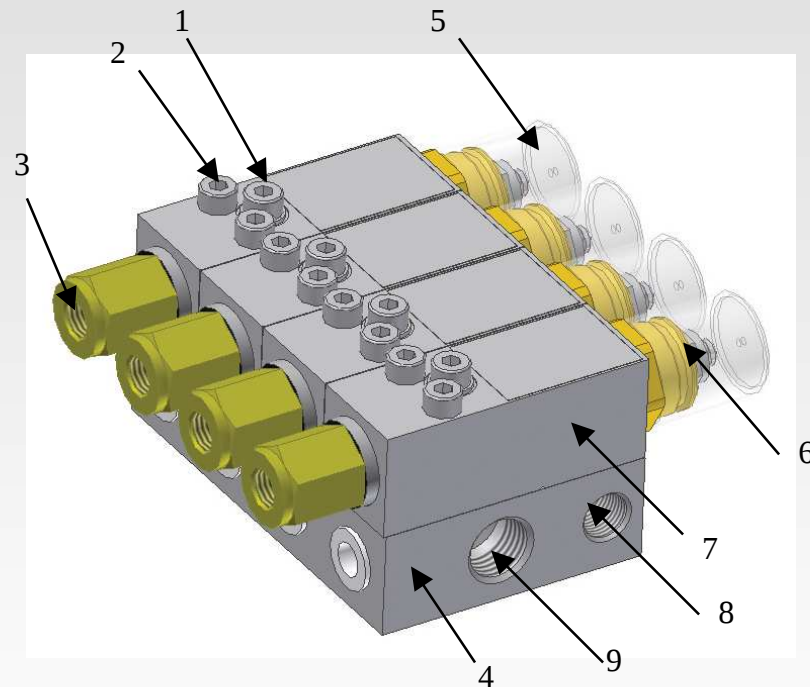
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RDI metering unit



DOSALUB

RDI metering unit

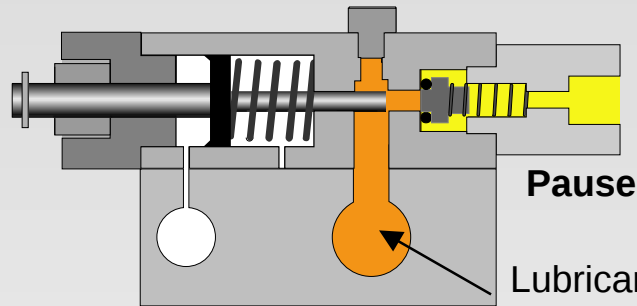


Description

- 1 Bleeding screw 2 Fixing screw of the micropump on the ground plate
- 3 Lubricant outlet
- 4 Ground plate
- 5 Protecting cap
- 6 Location of the metering ring
- 7 Pneumatic micropump
- 8 Air inlet
- 9 Lubricant inlet



DOSALUB



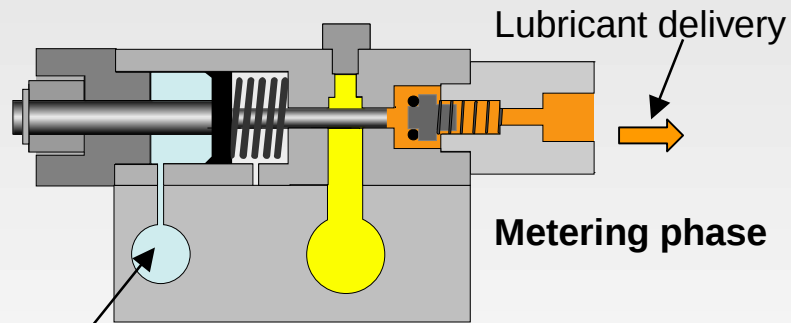
RDI metering unit

Function

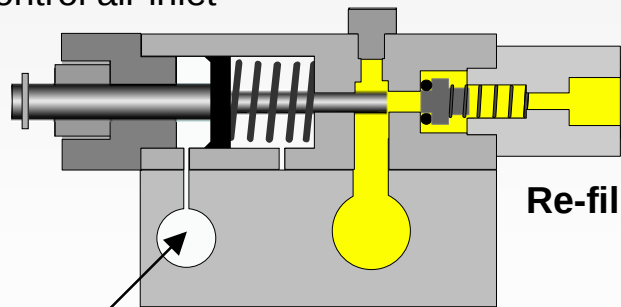
There are two different parts in the micropump:

A : pneumatic part ; the power generating part
(actuation of the micropump)

B : hydraulic part ; the lubricant metering part.



Control air inlet



Control air exhaust

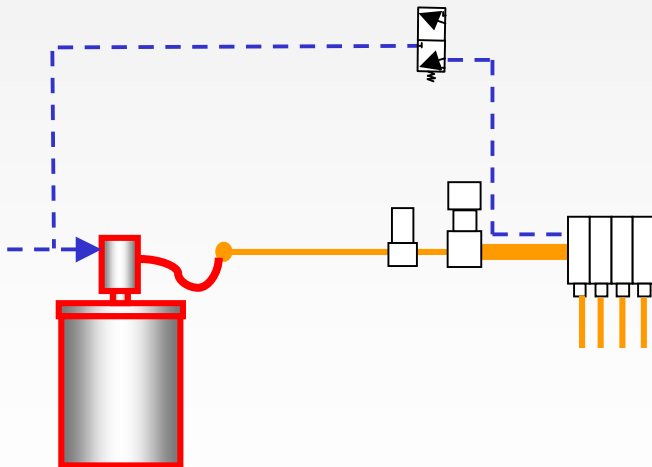


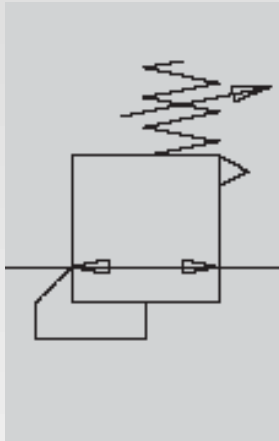


Pneumatic pump on drum PT

Pneumatic pump with follower piston and low level switch

- Lubricant: grease NLGI-2
- Air supply : - min. 3 bar / max. 10 bar
- Ratio : = 55/1
- For 25/50/200 litre-drums





RDI metering unit

Pressure regulating valve DK3.2 for grease

- Inlet pressure: from 20 bar to 200 bar
- Outlet pressure : adjustable from 1 bar to 2,5 bar
- Incoming flow max. : 200 cm³ /mn

