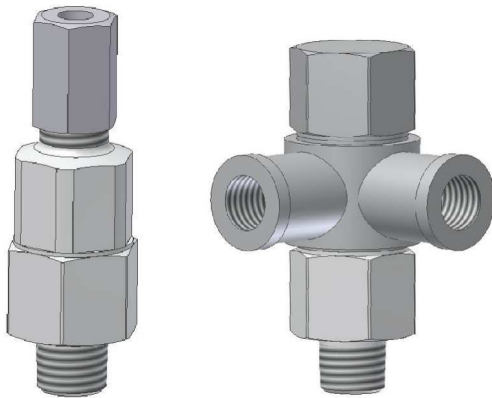


Piston distributors to be mounted directly on the greasing point



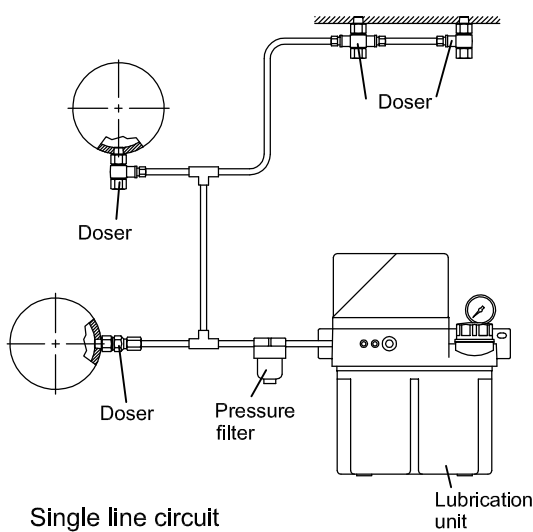
Generalities

Suitable for use in centralized single line lubrication systems, for injecting lubricant from a intermittent pump system.

The pump builds up the pressure within the main line and feeds the dosers. In every cycle the dosers distribute a certain quantity of lubricant to the lubrication points

All the injectors on the installations can be joined up via a single tube on the main line, thus cutting out the need for a secondary line from the injector to the point.

Relief behaviour should always be checked as it is strongly influenced by the \varnothing of the tube

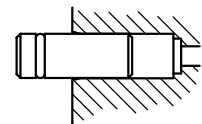
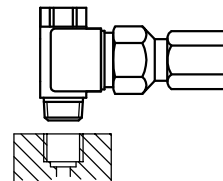


Single line circuit

Two types of assembly are available:

Threaded directly into the greasing point.

Inserted into the previously machined housing



Operation

Fig.1 - **Initial position:** the piston group is in the rest position.

The lubricant is in the side of the chamber with the piston spring and the anti-return valve closes the passage from the entrance hole to the inside.

Fig.2 - **Dosage:** The pump builds up the pressure and moves the piston which ejects the lubricant through the outlet hole.

The anti-return valve allows the passage of the lubricant to the lower chamber of the piston and closes the passage to the inside hole of the guide axle. The dosed lubricant quantity depends on the length of the outlet adapter (limiting the piston stroke).

Fig.3 - **End of the cycle:** the pump stops and the spring moves back the piston to its initial position.

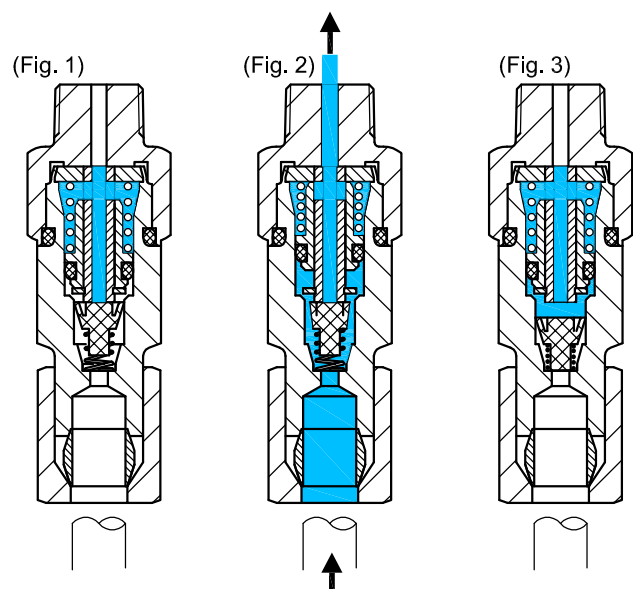
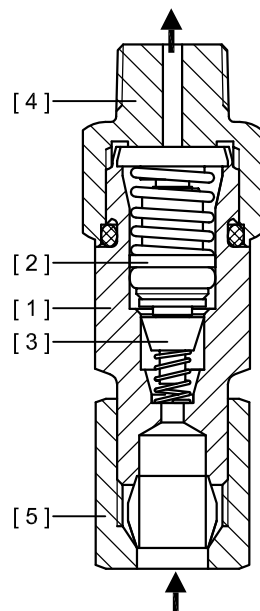
The pressure moves the anti-return valve :

-opening the inside hole of the guide axle and joining the lower piston chamber with the upper

-closing the access from the entrance to the inside.

Construction

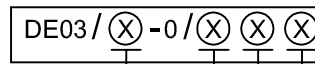
- [1] Body
- [2] Piston group
- [3] Anti-return valve
- [4] Fitting to insert into the point
- [5] Inlet tube connecting fitting



Piston distributors to be mounted directly on the greasing point

- Oil application: pipe Ø4-Ø6
- Fluid grease application: pipe Ø6

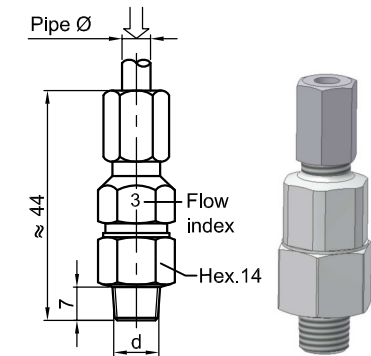
Can be threaded directly into the greasing point. All the injectors on the installations can be joined up via a single tube on the main line, thus cutting out the need for a secondary line from the injector to the point.



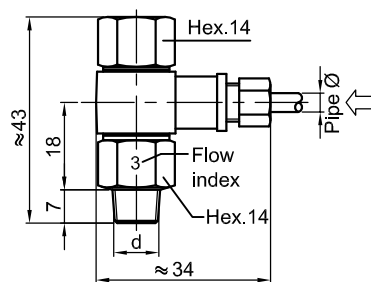
Type	Pipe Ø	Index / Flow	d
(A) Type A	(4) Ø4	(2) 0,03 cm ³	(1) M8x1
(B) Type B	(6) Ø6	(3) 0,06 cm ³	(2) M10x1
(C) Type C		(4) 0,10 cm ³	(3) G1/8K
(D) Type D			
(E) Type E			

Technical characteristics

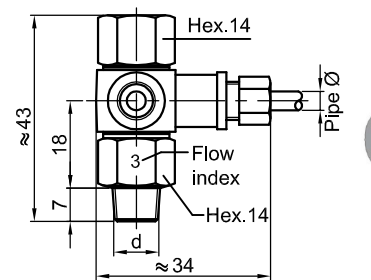
Lubricant:
 Ø4-Ø6....Synthetic and mineral oils (32 ÷ 2000 mm²/seg)
 Ø6 Fluid grease NLGI 00-000
 Working pressure 18 ÷ 50 bar
 Relief <3 bar
 Working temperature 0°C ÷ +70°C
 Gasket material..... FPM



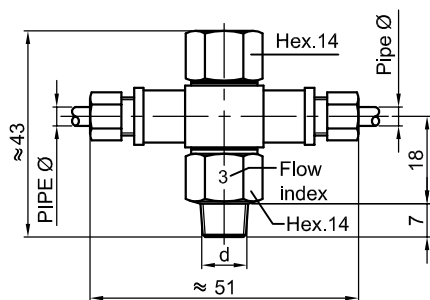
Type A
 170.340.000



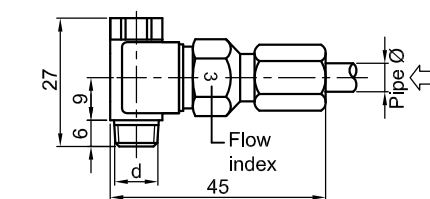
Type B
 170.350.000



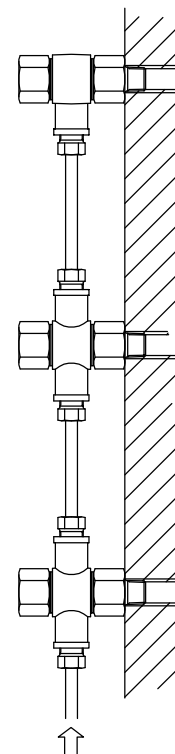
Type D
 170.370.000



Type C
 170.360.000

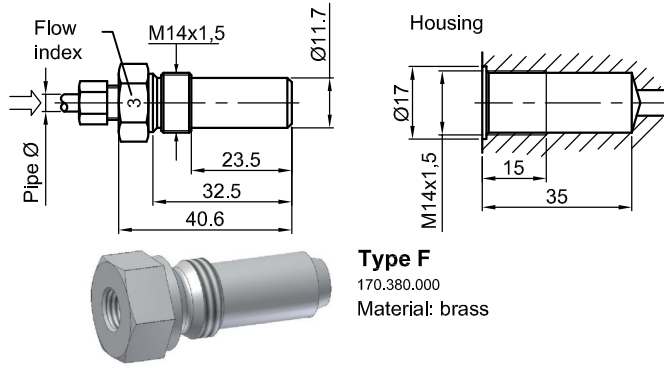


Type E
 170.410.000



**Piston distributors to be mounted directly on the greasing point
 -For use with oil-**

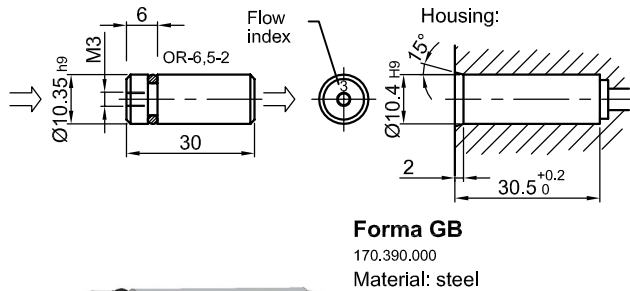
To be mounted directly onto the machine structure, on housing prepared for the purpose



Type F
 170.380.000
 Material: brass

DE03 / (X) -0 / (X) (X)

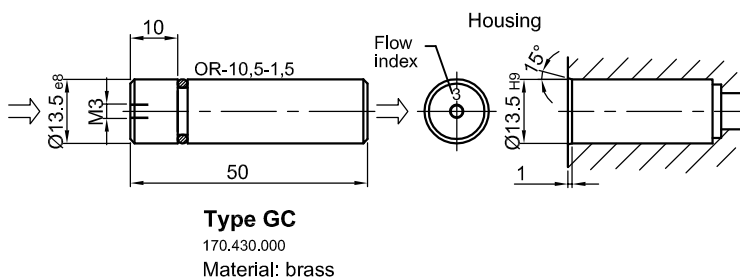
Type	Pipe Ø	Index / Flow
(F) Type F	(4) Ø4	(2) 0,03 cm ³
	(6) Ø6	(3) 0,06 cm ³
		(4) 0,10 cm ³



Forma GB
 170.390.000
 Material: steel

DE03 / (X) -0 / (X)

Type	Index / Flow
(GB) Type GB	(2) 0,03 cm ³
	(3) 0,06 cm ³
	(4) 0,10 cm ³



Type GC
 170.430.000
 Material: brass

DE03 / (X) -0 / (X)

Type	Index / Flow
(GC) Type GC	(4) 0,1 cm ³
	(5) 0,2 cm ³
	(6) 0,3 cm ³
	(7) 0,4 cm ³

Technical characteristics

Lubricant..... Synthetic and mineral oils
 Working pressure 18 ÷ 50 bar
 Relief <3 bar
 Working temperature 0°C ÷ +70°C
 Gasket material..... FPM
 Viscosity..... 32 ÷ 2000 mm²/seg

Application example:

