The metering valve **DAV 800** is designed to dispense with the highest accuracy and repeatability greases and lubricants to NLGI 3 (1,000,000 mPa s).

The chamber has a volumetric capacity adjustable from 10 to 133 cm³ and with a special sensor is possible to check the emptying of the dosing chamber, for the highest control of the assembly process. So it’s ideal in case of filling processes or big metering applications.

**FEATURES:**
- Volumetric dosing of high volumes
- Filling of gear-boxes and mechanical parts
- Lubrication of electro-mechanic parts, also dividing the volume in more points.
- Volumetric dosing, reliable and constant
- Dosing independent of viscosity, pressure and temperature of the lubricant
- Pressure control system not necessary
- Dosing objectified with a sensor
- Quantity dispensed easily adjustable and that can’t be changed accidentally using the block screw
- Can be mounted out of the working area.

**FIELDS OF APPLICATION:**
- Technical Data
- Model: DAV 800
- Operation mode: Double Acting
- Weight: 6 Kg
- Fluid pressure inlet: Min 20 bar - Max 200 bar
- Quantity dispensable: 10 cm³ - 133 cm³
- Actuating air pressure: 5 - 7 bar
- Inlet air: 1/8 gas
- Inlet fluid thread: 3/8 gas
- Outlet fluid: 3/8 female
- Fixing: 4 holes M8 threaded
- Adjusting the amount dosed: Micrometric with block screw
- Used materials: Stainless steel, anodized aluminum
- Fluids to be dispensed: Greases and lubricants up to NLGI 3-1,000,000 mPa s

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POSSIBILITY OF VALVE REMOTING

It is possible to remote the valve, and divide its output in various application outlets. This allows to have a guaranteed dispensed amount, and subdivide it with valves or manifolds.

DISPENSING CHECK

On the fluid body of the valve can be mounted a sensor which detects the emptying of the metering chamber. In this way is guaranteed the effective dispensing.