

METERING VALVE WITH HAND-GRIP DAV 400 MAN

The metering valve **DAV 400 MAN** is designed to dispense manually, but with the highest accuracy and repeatability greases and lubricants up to NLGI 3 (until 1,000,000 mPa s). The ergonomic hand-grip make the valve simple to keep in hand and operate. It's available with vertical (DAV 400 MAN-V) or horizontal (DAV 400 MAN-O) hand-grip. The volumetric chamber has a capacity adjustable from 1,0 to 6,0 cm ³ and with a special sensor is possible to check the emptying of the dosing chamber, for the highest control of the assembly process.



DAV TECH SRL

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FIELDS OF APPLICATION:

- > Greases manual metering
- > Lubricants manual metering

FEATURES:

- > Volumetric dosing, reliable and constant
- Dosing independent of viscosity, pressure and temperature of the lubricant
- Ergonomic, compact and lightweight
- Chance to get with the hoses in the handle from under or behind (ver. MAN-O)
- > Dosing objectivable with a sensor
- Quantity dispensed easily adjustable and that can't be changed accidentally using the block screw
- Integrated pneumatic valve in the handgrip
- Is possible to hang up the valve with the supplied hook.

Technical Data

Model	DAV 400 MAN
Operation mode	Double Acting
Weight	1.270 g (DAV 300 MAN-O) 1.540 g (DAV 300 MAN-V)
Fluid pressure inlet	20 bar Min - Max 200 bar
Quantity dispensable	1,0 cm ³ - 6,0 cm ³
Actuating air pressure	5 - 7 bar
Inlet air	M5 for ø 6 mm hose
Inlet fluid thread	1/4 BSP
Outlet fluid	1/8 BSP female
Speed	Up to 60 cycles / min
Adjusting the amount dosed	Micrometric with block screw
Used materials	Stainless steel, anodized aluminum
Fluids to be dispensed	Greases and lubricants up to NLGI 3-1000000 mPa s

FEEDING PUMPS FOR GREASE

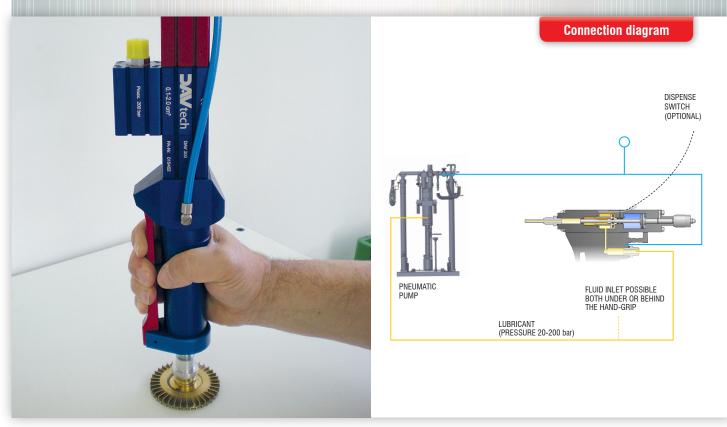
DAV Tech pumps are ideal to feed grease and lubricants, contained in cans or drums, to the valve DAV 400 MAN. Pumps are available for cans from 0.5 up to 5 kg and for 5 to 200 kg drums.

NOZZLES FOR VALVE DAV 400 MAN

The valve DAV 400 MAN is equipped with luer lock nozzle holder or alternatively with a threaded nozzle 1/8 BSP female. We can also design and build special nozzles (multi-point, radial, etc.) to meet the customer needs.

DRIVE THE VALVE DAV 400 MAN

The valve DAV 400 MAN have to be kept constantly fed with air at a pressure between 5 and 7 bar. The pneumatic switch valve is integrated in the hand-grip. The quantity dispensed is independent of time for which the operator presses the trigger (in addition to the minimum time required for dosage).



We reserve the right to modify at any time, without notice, the specifications, dimensions and weights in this datasheet. The illustrations are not binding.