



ALS Solenoid Pump

for oil

Mode of operation:

When the pump starts operating, the lubricant is sucked in by the spring-loaded delivery piston. Thereby the borehole at the pump element becomes unblocked. A predefined quantity of lubricant flows into the pump element. With each stroke the lubricant is pushed through the piston to the outlet. An integrated check valve prevents the backflow of the discharged lubricant.



ALS Power Solenoid Pump

for oil and grease

The ALS solenoid pumps are piston pumps that are actuated with a supply voltage of 24 V DC. The pumps are especially compact and have a very high performance capability and a long operational life span. Both products can be refilled once the lubricant reservoir is empty. With a pressure build-up of 50 bar the ALS Power solenoid pump is especially powerful.

Image	3	Image	4
Type	ALS Solenoid Pump	Type	ALS Power Solenoid Pump
Connection M 10x1 female thread	2,3 or 4 outlets	Connection M 10x1 female thread	1 outlet or 8 outlets with progressive distributor
Reservoir capacity Operating pressure	460 ml for oil ca. 5 bar	Reservoir capacity Operating pressure	460 ml for oil / ca. 420 ml for grease max. 50 bar
Reservoir made of	transparent, impact-resistant plastic	Reservoir made of	transparent, impact-resistant plastic
Reservoir-Ø Reservoir height	115 mm 150 mm	Reservoir-Ø Reservoir height	115 mm 150 mm
Output	0,025 ml per stroke	Output	0,025 ml per stroke
Temperature range of way valve	-5 °C to +60 °C	Temperature range of way valve	-10 °C to +40 °C
Viscosity for oil	11 – 1900 cP (mm ² /s) temperature-dependent	Viscosity for oil	11 – 1900 cP (mm ² /s) temperature-dependent
NLGI grade for grease	-----	NLGI grade for grease	000 – 2 (reservoir with piston and pressure spring)
Solenoid	single-acting cylinder	Solenoid	single-acting cylinder
Optional: signaler	in pump housing	Optional: signaler	in pump housing
Protection type	solenoid valve IP / plug IP 54	Protection type	solenoid valve IP / plug IP 54
Voltage	24 V DC	Voltage	24 V DC
Nominal current	1,2 A	Nominal current	5 A
Relative on-time	100%	Relative on-time	25%
Pump with 2 outlets	14088	Pump w/ 1 grease res.	14184
Pump with 3 outlets	14089	Pump w/ 1 oil reservoir	14183
Pump with 4 outlets	14090	Pump, no reservoir	14275