



## ALS GMV-A

### Solenoid pump for grease cartridge

#### Function:

The delivery piston glides back during the suction phase in the pump element due to spring force. In the process, the entrance hole on the pump element becomes available. A defined lubricant volume flows into the pump element. During the work stroke, the lubricant is pumped to the outlet by the piston. A built-in check valve on the pump connection prevents the pumped lubricant from flowing back.

Image	1	
Type	ALS GMV-A solenoid pump	
Connection	G 1/8 ø 6 mm	
Outlets / grease	1x G 1/8 i, optionally with progressive distributor, up to 8 outlets possible	
Reservoir	Plastic	
Reservoir ø	approx. 53 mm	
Reservoir height	approx. 260 mm	
Delivery volume	0.025 ml / 25 mm <sup>3</sup> per stroke	
Temperature range	+10 °C to +50 °C	
Medium / grease	NLGI class 1 and 2	
Material	Steel and aluminum	
Seal	Viton	
Mounting position	Depending on the grease, otherwise as needed	
Empty cartridge 400g	13125	
Voltage	24 V DC	
Current	5.0 A	1.27 A
Activation/idle time	min. 0.25s	
Switch-on duration (ED)	25%	100%
Delivery pressure	100 bar	60 bar
Pump without cartridge	14789	14786
Pump with control system	14790	14787
Plus the price for the ALS grease reservoir, grease and filling costs		

## ALS GMV-A

### Solenoid pump for ALS grease reservoir

24 V DC  
 0 °C to +60 °C  
 10-year data buffer  
 15 different switching cycles  
 Indiv. outlet volumes  
 Art. No. 14819



Accessories: ALS time control

Image	2	
Type	ALS GMV-A solenoid pump	
Connection	G 1/8 i ø 6 mm	
Outlets / grease	1x G 1/8 i, optional with progressive distributor up to 8 outlets possible	
Reservoir	Transparent, impact-resistant plastic	
Reservoir Ø	115 mm	
Reservoir height	150 mm	
Delivery volume	0.025 ml / 25 mm <sup>3</sup> per stroke	
Temperature range	+10 °C to +50 °C	
Medium / grease	NLGI class 1 and 2	
Material	Steel and aluminum	
Seal	Viton	
Mounting position	Depending on the grease, otherwise as needed	
ALS grease reservoir	14202	
Voltage	24 V DC	
Current	5.0 A	1.27 A
Activation/idle time	min. 0.25s	
ED switch on duration	25%	100%
Delivery pressure	100 bar	60 bar
Pump without grease reservoir	14788	14785
Plus the price for the ALS grease reservoir, grease and filling costs		



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## ALS GMI-A

### Solenoid pump for oil

**Function:**

The compact construction of this oil pump allows the pump to be used and installed without any problems. The targeted oil lubrication helps increase the life span and efficiency of your machine while simultaneously reducing operating costs.

## ALS solenoid pump

### For oil

**Function:**

Lubricant is drawn in by the spring-loaded delivery piston when the pump is started. In the process, the entrance hole on the pump element becomes available. A defined lubricant volume flows into the pump element. During the work stroke, the lubricant is pumped to the outlet by the piston. A built-in check valve on the pump connection prevents the pumped lubricant from flowing back.

Image	3
Type	ALS GMI-A solenoid pump
Connection	G 1/8 i
Outlet / oil	1
Reservoir	Transparent, impact-resistant plastic
Reservoir Ø	115 mm
Reservoir height	150 mm
Volume / Stroke speed	0.03 ml/30 mm <sup>3</sup> per stroke/max. 100 rpm
Temperature range	-10 °C to +50 °C
Medium / oil	From 11 to 1900 cP
Material	Aluminum
Seal	Viton
Mounting position	Vertical
Voltage	24 V DC / rated current 1.27 A 230 V AC on request
Activation/idle time	approx. 0.1 s/0.25 s
ED switch on duration	100%
Delivery pressure	20 bar
Activation/idle time	min. 0.25 s
Pump without oil reservoir	14841
ALS time control	14819
ALS oil reservoir	14091
Protection type	IP 55
Plus the price for the ALS oil reservoir, grease and filling costs	

Image	4
Type	ALS solenoid pump
Connection M 10x1 i	2, 3 or 4 outlets
Reservoir volume	460 ml with oil
Pressure	approx. 5 bar
Reservoir	Transparent, impact-resistant plastic
Reservoir Ø	115 mm
Reservoir height	150 mm
Delivery volume	0.025 ml per stroke
Temperature range	-5 °C to +60 °C
Directional valve	
Viscosity for oil	11 – 1900 cP (mm <sup>2</sup> /s) independent of temperature
NLGI class for grease	-----
Lifting magnet	Single-acting cylinder
Optional: Signal emitter	In the pump housing
Protection type	Lifting magnet IP / plug IP 54
Voltage	24 V DC
Rated current	1.2 A
Relative switch-on duration	100%
Pump and 2 outlets	14088
Pump and 3 outlets	14089
Pump and 4 outlets	14090
Plus the price for the ALS oil reservoir, grease and filling costs	