

Electric grease pump series L-EGP

12 or 24V DC

- The series L-EGP are electric driven grease pumps
- Activation and deactivation takes place via an external control unit.
- Reservoir made of transparent plastic with 2,5 kg, 5 kg, 8 kg capacity
alternative Steel 5,0 kg or 10,0 kg
- Plastic reservoir optional with level indicator
- The piston pump has 3 grease outlets in which pump elements are screwed in
- Two different pump elements are available
 - output fix L-EG-PF
 - output variable L-EG-PV
- Drive via DC gear motor 12V DC or 24V DC
- Pump element function force actuated by cam
- Electric connection via norm plug
- Thread of pump element M22x1,5
- Thread connection at pump element outlet G 1/4"
- Filling via grease nipple
- Alternative filling via filling connection M22x1,5 and filling cylinder





Version with integrated control



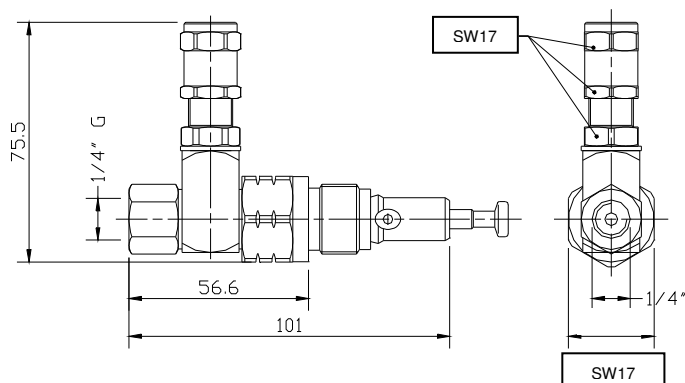
Pump element force actuated by cam

Technical Data Pump Series L-EGP 12 / 24VDC

Number of possible pump elements	1 to 3
Pump element fix, output per stroke	0,16 ccm
Pump element variable, output per stroke	0,01 – 0,16 ccm
Eccentric speed	15 rpm
permitted lubricant	Grease to NLGI grade 2
Maximum working pressure	250 BAR (3630 PSI)
Drive motor	24 V DC 30 W – 1,5 A 12 V DC 40 W – 3,0 A
Reservoir capacity	2,5 kg, 5 kg, 8 kg plastic or 5 kg or 10 kg steel
Permitted working temperature	- 30 °C to + 80 °C
Thread connection pump element	G 1/4"
Optional level indication for L-EGP-2K (2kg reservoir)	2A – 230 V AC/DC – 40 W – IP65 resistive load
protection class	IP 65

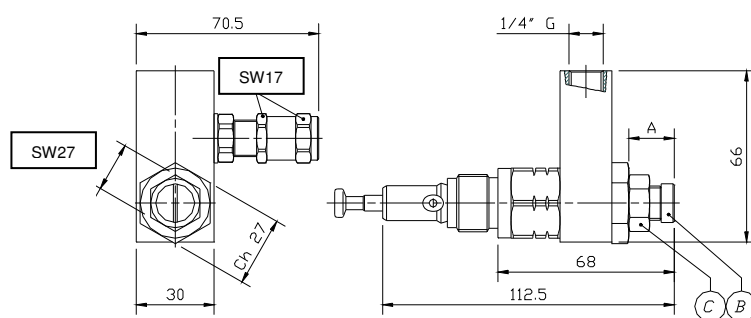
Pump element of pump series L-EGP

Pump element L-EG-PF output fix 2,4 ccm per minute



Part.no. GZN-90.900.0

Pump element L-EG-PV output variable 0,0- 2,4 ccm per minute

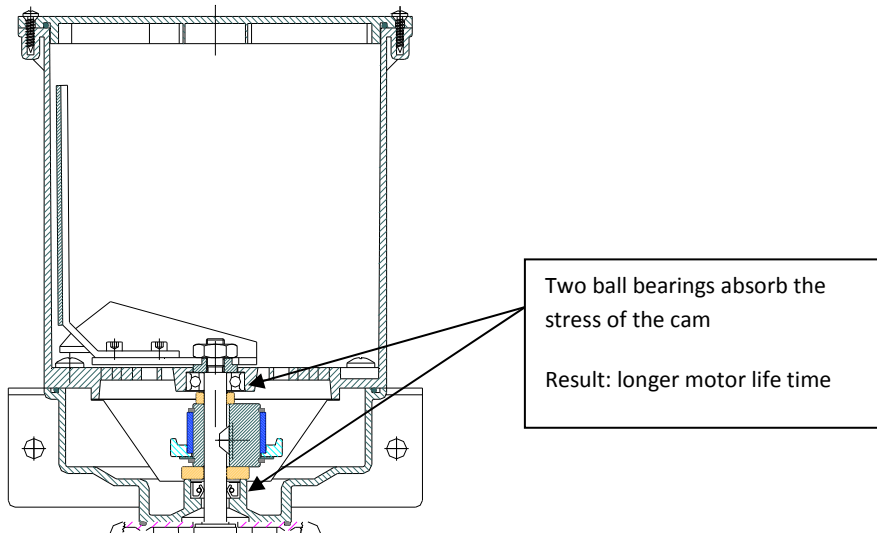


Part.no. GZN-90.900.3

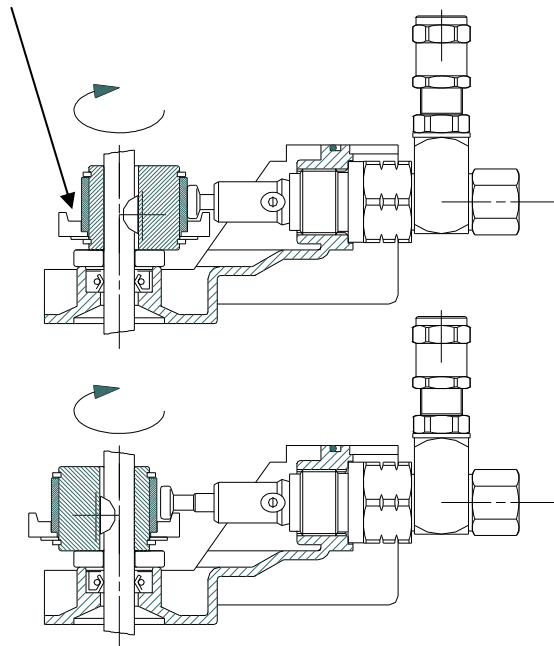
Setting data:

Output per stroke	A (mm)	Output absolute	Output in ccm per minute
0,16 ccm	23,6	100 %	2,40 ccm
0,12 ccm	22,5	75 %	1,80 ccm
0,08 ccm	21	50 %	1,20 ccm
0,04 ccm	19,5	25 %	0,60 ccm
0,01 ccm	18,5	6 %	0,15 ccm
0,00 ccm	17,5	0 %	0,00 ccm

Function of pump element in pump series L-EGP



Force actuation



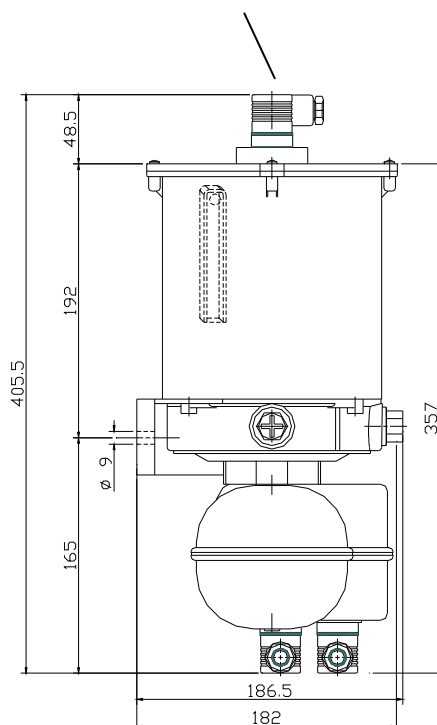
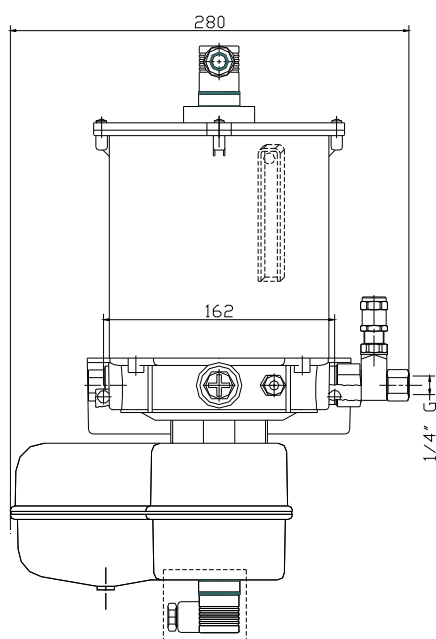
Electric grease pump series L-EGP 2,5 kg reservoir

without control

Model L-EGP-2.5K 24/12 V DC

Reservoir 2,5 kg plastic, transparent

level switch optional

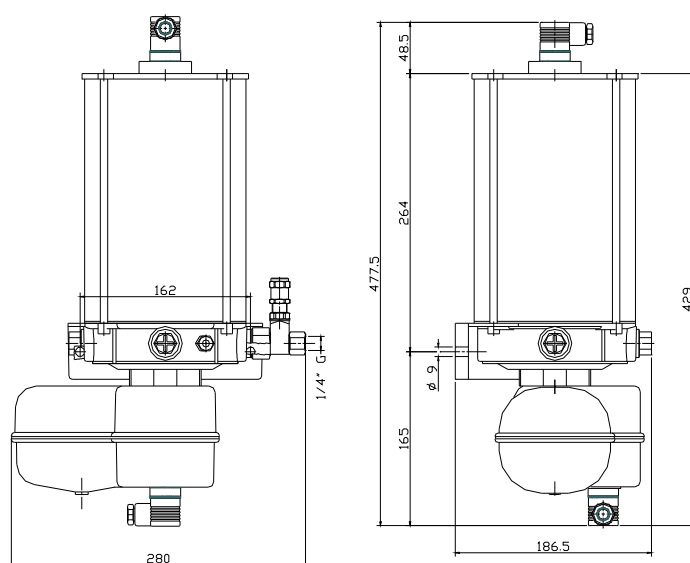


Electric grease pump series L-EGP 5 kg reservoir without control

Modell L-EGP-5K 24/12 V DC

Reservoir 5 kg plastic, transparent

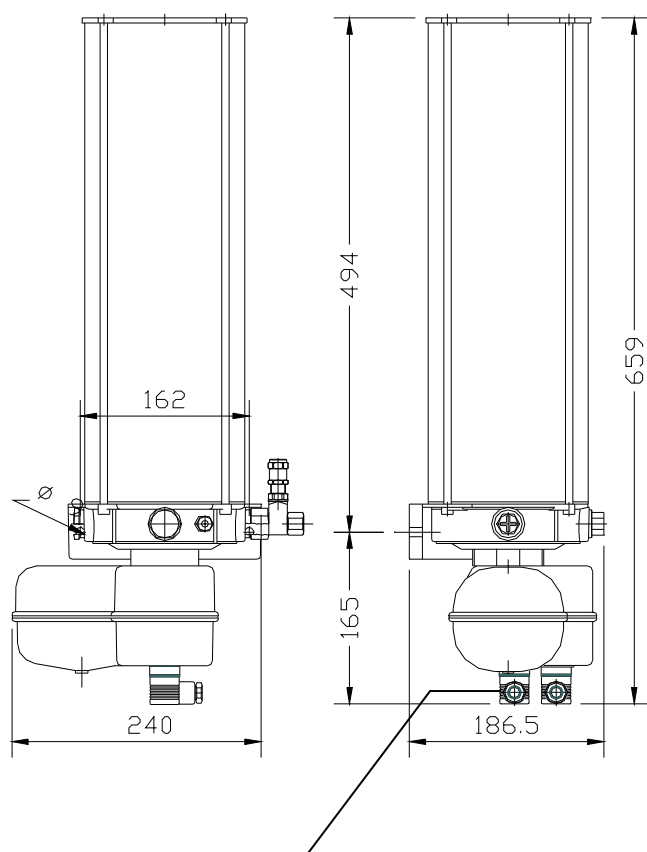
level switch optional



Electric grease pump series L-EGP 8 kg reservoir without control

Modell L-EGP-8K 24/12 V DC

Reservoir 8 kg plastic, transparent



Second plug at version with integrated control

Order numbers pump series L-EGP			All Pumps inclusive 1 pump element and safety valve			
Part no. LUPEG	LUPEG name	reservoir	Pump element	Level indication	Integrated control	current
Pumps without control						
GZN-90.882.0	L-EGP-2,5K-F24VDC	2,5kg Plastic	Fix	no	no	24 VDC
GZN-90.882.1	L-EGP-2,5K-F12VDC	2,5kg Plastic	Fix	no	no	12 VDC
GZN-90.886.4	L-EGP-5K-F24VDC	5kg Plastic	Fix	no	no	24 VDC
GZN-90.886.0	L-EGP-5K-F12VDC	5kg Plastic	Fix	no	no	12 VDC
GZN-90.918.2	L-EGP-8K-F24VDC	8kg Plastic	Fix	no	no	24 VDC
GZN-90.918.0	L-EGP-8K-F12VDC	8kg Plastic	Fix	no	no	12 VDC
GZN-90.902.0	L-EGP-2,5K-V24VDC	2,5kg Plastic	Variable	no	no	24 VDC
GZN-90.902.1	L-EGP-2,5K-V12VDC	2,5kg Plastic	Variable	no	no	12 VDC
GZN-90.886.6	L-EGP-5K-V24VDC	5kg Plastic	Variable	no	no	24 VDC
GZN-90.886.2	L-EGP-5K-V12VDC	5kg Plastic	Variable	no	no	12 VDC
GZN-90.918.3	L-EGP-8K-V24VDC	8kg Plastic	Variable	no	no	24 VDC
GZN-90.918.1	L-EGP-8K-V12VDC	8kg Plastic	Variable	no	no	12 VDC
GZN-90.915.0.C	L-EGP-2,5K-FN24VDC	2,5kg Plastic	Fix	yes	no	24 VDC
GZN-90.915.1.C	L-EGP-2,5K-FN12VDC	2,5kg Plastic	Fix	yes	no	12 VDC
GZN-90.886.5.C	L-EGP-5K-FN24VDC	5kg Plastic	Fix	yes	no	24 VDC
GZN-90.886.1.C	L-EGP-5K-FN12VDC	5kg Plastic	Fix	yes	no	12 VDC
GZN-90.921.0.C	L-EGP-2,5K-VN24VDC	2,5kg Plastic	Variable	yes	no	24 VDC
GZN-90.921.1.C	L-EGP-2,5K-VN12VDC	2,5kg Plastic	Variable	yes	no	12 VDC
GZN-90.886.7.C	L-EGP-5K-VN24VDC	5kg Plastic	Variable	yes	no	24 VDC
GZN-90.886.3.C	L-EGP-5K-VN12VDC	5kg Plastic	Variable	yes	no	12 VDC

Order numbers pump series L-EGP			All Pumps inclusive 1 pump element and safety valve			
Part no. LUPEG	LUPEG name	reservoir	Pump element	Level indication	Integrated control	current
Pumps with control						
GZN-90.882.0.T	L-EGP-2,5K-FCU24VDC	2,5kg Plastic	Fix	no	yes	24 VDC
GZN-90.882.1.T	L-EGP-2,5K-FCU12VDC	2,5kg Plastic	Fix	no	yes	12 VDC
GZN-90.886.4.T	L-EGP-5K-FCU24VDC	5kg Plastic	Fix	no	yes	24 VDC
GZN-90.886.0.T	L-EGP-5K-FCU12VDC	5kg Plastic	Fix	no	yes	12 VDC
GZN-90.918.2.T	L-EGP-8K-FCU24VDC	8kg Plastic	Fix	no	yes	24 VDC
GZN-90.918.0.T	L-EGP-8K-FCU12VDC	8kg Plastic	Fix	no	yes	12 VDC
GZN-90.902.0.T	L-EGP-2,5K-VCU24VDC	2,5kg Plastic	Variable	no	yes	24 VDC
GZN-90.902.1.T	L-EGP-2,5K-VCU12VDC	2,5kg Plastic	Variable	no	yes	12 VDC
GZN-90.886.6.T	L-EGP-5K-VCU24VDC	5kg Plastic	Variable	no	yes	24 VDC
GZN-90.886.2.T	L-EGP-5K-VCU12VDC	5kg Plastic	Variable	no	yes	12 VDC
GZN-90.918.3.T	L-EGP-8K-VCU24VDC	8kg Plastic	Variable	no	yes	24 VDC
GZN-90.918.1.T	L-EGP-8K-VCU12VDC	8kg Plastic	Variable	no	yes	12 VDC
GZN-90.915.0.CT	L-EGP-2,5K-FNCU24VDC	2,5kg Plastic	Fix	yes	yes	24 VDC
GZN-90.915.1.CT	L-EGP-2,5K-FNCU12VDC	2,5kg Plastic	Fix	yes	yes	12 VDC
GZN-90.886.5.CT	L-EGP-5K-FNCU24VDC	5kg Plastic	Fix	yes	yes	24 VDC
GZN-90.886.1.CT	L-EGP-5K-FNCU12VDC	5kg Plastic	Fix	yes	yes	12 VDC
GZN-90.921.0.CT	L-EGP-2,5K-VNCU24VDC	2,5kg Plastic	Variable	yes	yes	24 VDC
GZN-90.921.1.CT	L-EGP-2,5K-VNCU12VDC	2,5kg Plastic	Variable	yes	yes	12 VDC
GZN-90.886.7.CT	L-EGP-5K-VNCU24VDC	5kg Plastic	Variable	yes	yes	24 VDC
GZN-90.886.3.CT	L-EGP-5K-VNCU12VDC	5kg Plastic	Variable	yes	yes	12 VDC

Pump element with pressure valve			
GZN-90.900.0	L-EG-PF	Pump element Fix incl. DBV 300bar	
GZN-90.900.3	L-EG-PV	Pump element Variable incl. DBV 300bar	