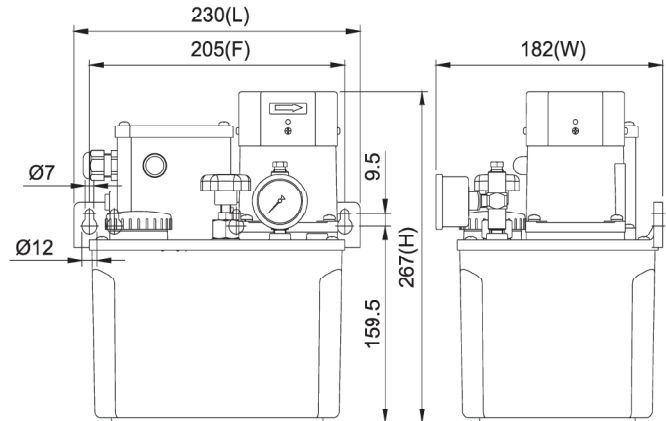


KGV Resistance Type PLC Fluid Grease Electric Lubricator

KGV Resistance Type Fluid Grease Electric Lubricator



KGV-03-C-40-3



Dimensional Drawing of KGV-03-C-40-3

◆ Features

1. The operation and interval time of KGV are controlled by PLC.
2. KGV has a pressure-regulating valve that enables the user to adjust the operating pressure.
3. KGV has a feed-grease button, which can be used as manual grease feeding for less than 3 minutes to avoid overloading the motor.
4. A 20kgf/cm² socket pressure switch can be added to KGV on request to detect the operating pressure automatically.
5. A capacitive level switch can be added to KGV on request to detect the grease level automatically.
6. The gear pump of KGV is made of special aluminum alloy and assembled with a 40W induction motor to provide stable output pressure, low operating noise, and long service life.
7. The induction motor has a fan that can reduce the temperature and prolong the service life of KGV.

◆ Order Code

KGV — 03 — C — 40 — 3 — ※

Tank Capacity (Material)	
03	3L (Resin)
04	4L (Resin)
05	4L (Alum.)
08	8L (Iron)

Voltage	
A	1Ø110V
C	1Ø220V
D	3Ø220/380V

Motor Power	
40	40W

Discharge Bore	
1	Ø6
3	Ø6 W/Pressure Gauge

Special Request	
PC	Add a NC Contact Pressure Switch
PO	Add a NO Contact Pressure Switch
KO	Add a PNP, NO Contact Capacitive Level Switch

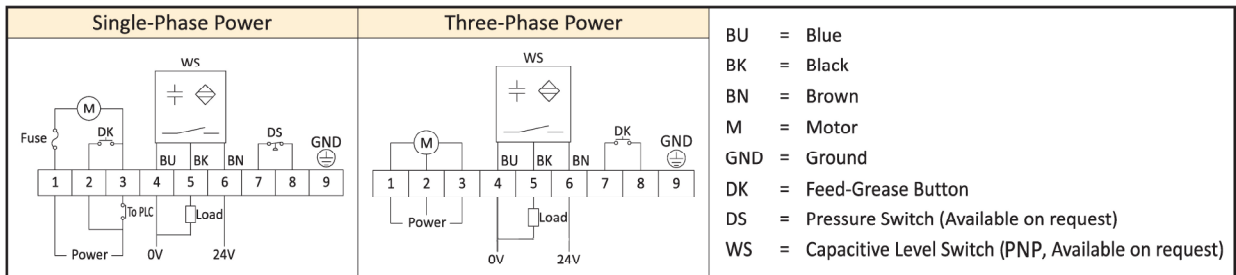
◆ Dimensional Data

Tank Capacity	Tank Material	Length (mm)	Width (mm)	Height (mm)	Mounting Hole Distance (mm)	N.W. (kg)
3L	Resin	230	182	267	205	5.09
4L	Resin	288	162	278	250	5.69
4L	Alum.	297	170	276	95x280	6.64
8L	Iron	355	201	299	95x338	9.39

◆ Technical Data

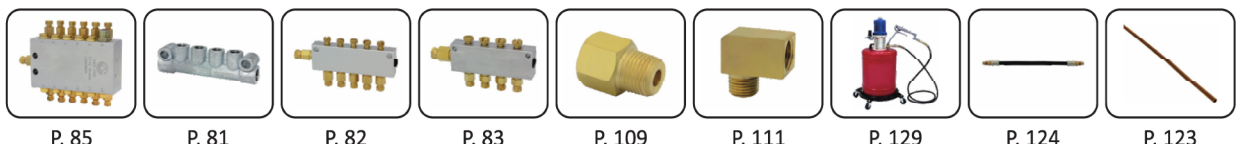
Voltage	1Ø110V	1Ø220V	3Ø220/380V
Ampere	0.75A	0.50A	0.40A
Motor Power	40W		
Hertz	50/60Hz Compatible		
Max. Discharge Volume	170cc/min		
Max. Operating Pressure	40kgf/cm ²		
Discharge Bore	Ø6		
Suitable Viscosity	Grease, NLGI 000, 00 (NLGI 00 is suitable for the model with 3L resin tank only.)		

◆ Wiring Diagram



※ A standard dual-voltage motor is connected for low voltage. Please specify if you need it to be connected for high voltage when placing an order.

◆ Related Products



P. 85

P. 81

P. 82

P. 83

P. 109

P. 111

P. 129

P. 124

P. 123