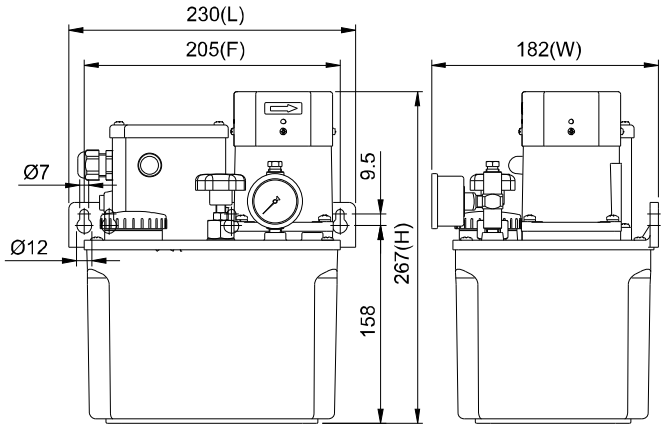
KGVB Pressure-Relief Type Fluid Grease Electric Lubricator

PLC

CHEN YING



KGVB-03-C-40-3



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

◆Features

1. The operation and interval time of KGVB are controlled by PLC.
2. KGVB has to work with CFB volume type grease distributors to deliver the metered quantity of grease to the lubrication points.
3. KGVB has a pressure-regulating valve that enables the user to adjust the operating pressure. KGVB also 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 KGVB on request to detect the operating pressure automatically.
5. A capacitive level switch can be added to KGVB on request to detect the grease level automatically.
6. The gear pump of KGVB 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 KGVB.

◆Order Code

KGVB — 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
KC	Add a PNP, NC Contact Capacitive Level Switch
KO	Add a PNP, NO Contact Capacitive Level Switch

※ NPN, NC/NO contact capacitive level switch is also available on request.

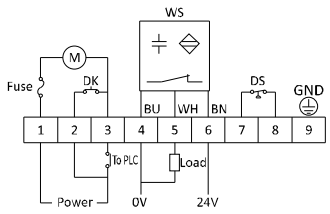
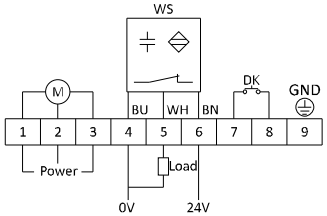
◆Dimensional Data

Tank Capacity	Tank Material	Length (mm)	Width (mm)	Height (mm)	Fixed Hole Distance (mm)	N.W. (kg)
3L	Resin	230	182	267	205	5.29
4L	Resin	288	162	278	250	5.89
4L	Alum.	297	170	276	95x280	6.84
8L	Iron	355	201	299	95x338	9.54

◆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/cm²		
Discharge Bore	Ø6		
Suitable Viscosity	NLGI 000		

◆Wiring Diagram

Single-Phase Power	Three-Phase Power	
		BU = Blue WH = White BN = Brown M = Motor GND = Ground DK = Feed-Grease Button DS = Pressure Switch (Available on request) WS = Capacitive Level Switch (PNP, NC, Optional)

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

◆Related Products



P. 98 P. 111 P. 113 P. 115 P. 114 P. 126 P. 125 P. 127 P. 131