KGC / KGCP Resistance Type Grease Electric Lubricator

PLC

CHEN YING



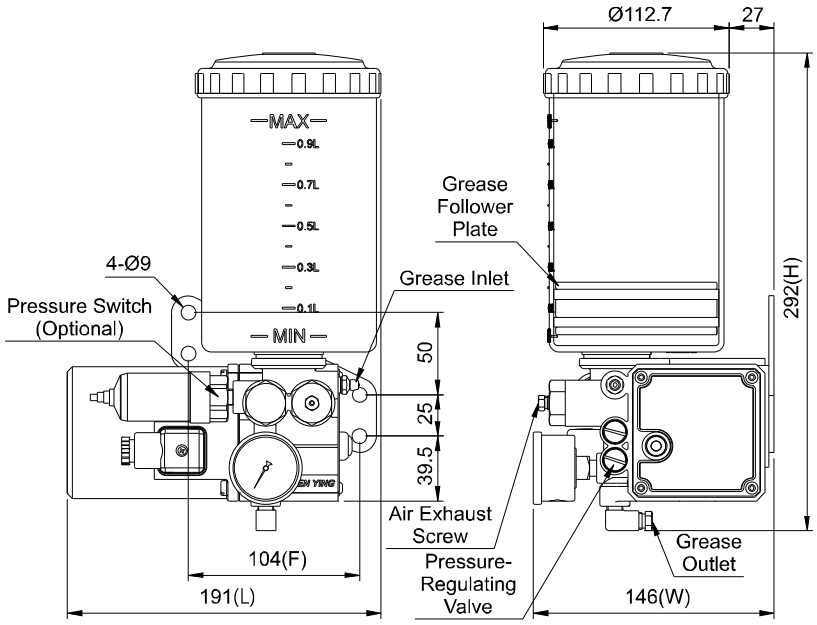
KGC-35-C-3



KGCP-50-C-3



KGCP-07-C-3 with Grease Cartridge



Dimensional Drawing of KGC-35-C-3-PC

◆Features

1. The operation and interval time of KGC and KGCP are controlled by PLC.
2. KGC and KGCP have pressure gauges that enables the users to check the operating pressure easily.
3. 1Ø110V, 1Ø220V, and DC24V models have feed-grease buttons, which can be used as manual grease feeding for less than 3 minutes to avoid overloading the motor.
4. 1Ø110V and 1Ø220V models have thermal controls that will shut down the motors for about 5 minutes when the motors are overheated.
5. A 60kgf/cm² socket pressure switch can be added to KGC and KGCP on request to detect the operating pressure automatically.
6. A magnetic level switch can be added to KGC and KGCP on request to detect the grease level automatically.
7. For KGC and KGCP-50, refill grease from the grease inlet to prevent air and impurities from entering the grease tank.
8. KGCP-07 works with a 700cc disposable grease cartridge. When the grease is empty, replace KGCP-07 with a new grease cartridge. Standard KGCP-07 does not include a grease cartridge but is available upon request.

◆Dimensional Data (KGC)

Model	Tank Capacity	Length (mm)	Width (mm)	Height (mm)	Fixed Hole Distance (mm)	N.W. (kg)
KGC-35	1000cc	191	146	292	104	4.07
KGC-50	2000cc	198	151	376		4.55

◆Dimensional Data (KGCP)

Model	Effective Capacity	Length (mm)	Width (mm)	Height (mm)	Fixed Hole Distance (mm)	N.W. (kg)
KGCP-50	1500cc	198	151	376	104	5.55
KGCP-07	700cc Grease Cartridge	195	156	298		4.12

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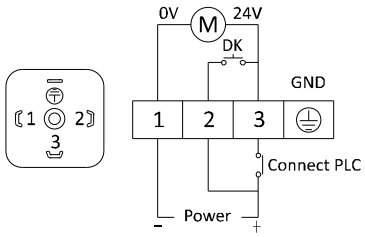
PLC

◆Technical Data

Voltage	1Ø110V	1Ø220V	DC24V
Motor Output	60W	80W	60W
Ampere	1.80A	1.00A	1.65A
Feed-Grease Button	O	O	O
Motor Thermal Control	O	O	X
Hertz	50/60Hz Compatible		- -
Max. Discharge Volume	30cc/min		35cc/min
Max. Operating Pressure	100kgf/cm²		
Discharge Bore	Ø6, Ø8, PT1/8		
Magnetic Level Switch	Optional (NC or NO Contact)		
Pressure Switch	Optional (NC or NO Contact)		
Suitable Viscosity	KGC: Grease, NLGI 000-0 KGCP-50: Grease, NLGI 1, 2 KGCP-07: Grease, NLGI 000-1		

◆Wiring Diagram

Single-Phase Power



M = Motor
DK = Feed-Grease Button
GND = Ground

※ 0V and 24V markings are for DC24V only.

◆Order Code (KGC)

KGC ——— 35 ——— C ——— 3 ——— ※

Tank Capacity	
35	1000cc
50	2000cc

Voltage	
A	1Ø110V
C	1Ø220V
K	DC24V

Discharge Bore	
1	Ø6
3	Ø6 W/Pressure Gauge
4	Ø8
5	Ø8 W/Pressure Gauge
6	PT1/8
7	PT1/8 W/Pressure Gauge

Special Request	
PC	Add a NC Contact Pressure Switch
PO	Add a NO Contact Pressure Switch
RC	Add a NC Contact Magnetic Level Switch
RO	Add a NO Contact Magnetic Level Switch

◆Order Code (KGCP)

KGCP ——— 07 ——— C ——— 3 ——— ※

Effective Capacity	
50	1500cc
07	700cc Grease Cartridge

Voltage	
A	1Ø110V
C	1Ø220V
K	DC24V

Discharge Bore	
1	Ø6
3	Ø6 W/Pressure Gauge
4	Ø8
5	Ø8 W/Pressure Gauge
6	PT1/8
7	PT1/8 W/Pressure Gauge

Special Request	
PC	Add a NC Contact Pressure Switch
PO	Add a NO Contact Pressure Switch
RC	Add a NC Contact Magnetic Level Switch
RO	Add a NO Contact Magnetic Level Switch

※ Please refer to the 700cc Grease Cartridge catalog if you need to purchase one.

◆Related Products



P. 85 P. 81 P. 82 P. 83 P. 111 P. 113 P. 80 P. 126 P. 125