

# KGNB / KGNBP Pressure-Relief Type Grease Electric Lubricator

Timer



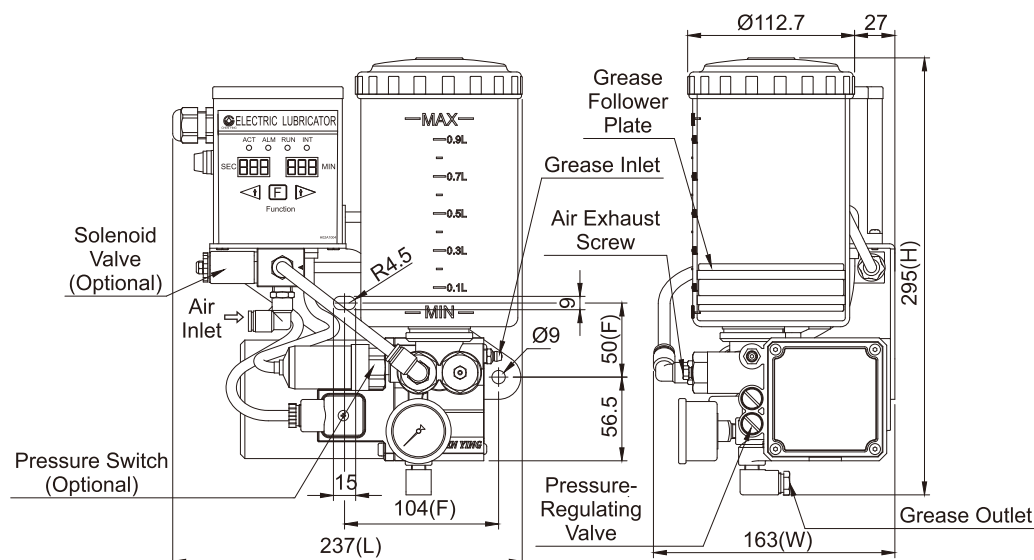
KGNB-35-2-C-5-PC



KGNBP-07-2-C-5



KGNBP-07-2-C-5 with Grease Cartridge



Dimensional Drawing of KGNB-35-2-C-5-PC

## ◆ Features

1. The operation and interval time of KGNB and KGNBP are controlled by PLC. KGNB and KGNBP require a 4.5-8kgf/cm<sup>2</sup> pneumatic pressure supply for the pressure-relief function.
2. KGNB and KGNBP have to work with CFB volume type grease distributors to deliver the metered quantity of grease to the lubrication points.
3. There are four indicators on the control box, operation (ACT), alarm (ALM), immediate lubrication (RUN), and interval (INT).
4. KGNB and KGNBP have pressure gauges that enable the users to check the operating pressure easily.
5. KGNB and KGNBP have feed-grease buttons (F button), which can be used as manual grease feeding for less than 3 minutes to avoid overloading the motor.
6. KGNB and KGNBP have thermal controls that will shut down the motor for about 5 minutes when the motor is overheated.
7. A 60kgf/cm<sup>2</sup> socket pressure switch can be added to KGNB and KGNBP on request to detect the operating pressure automatically.
8. A magnetic level switch can be added to KGNB and KGNBP on request to detect the grease level automatically.
9. The lubricator, which adds a pressure switch or a magnetic level switch, has abnormal pressure or low grease level; the built-in buzzer of the control box will send an alarm sound.
10. For KGNB, refill grease from the grease inlet to prevent air and impurities from entering the grease tank.
11. KGNBP-07 works with a 700cc disposable grease cartridge. When the grease is empty, replace KGNBP-07 with a new grease cartridge. Standard KGNBP-07 does not include a grease cartridge but is available upon request.

## ◆ Dimensional Data (KGNB)

Model	Tank Capacity	Length (mm)	Width (mm)	Height (mm)	Mounting Hole Distance (mm)	N.W. (kg)
KGNB-35	1000cc	237	163	295	104x50	4.95
KGNB-50	2000cc	245	163	380		5.41

## ◆ Dimensional Data (KGNBP)

Model	Effective Capacity	Length (mm)	Width (mm)	Height (mm)	Mounting Hole Distance (mm)	N.W. (kg)
KGNBP-07	700cc Grease Cartridge	241	163	302	104x50	5.00

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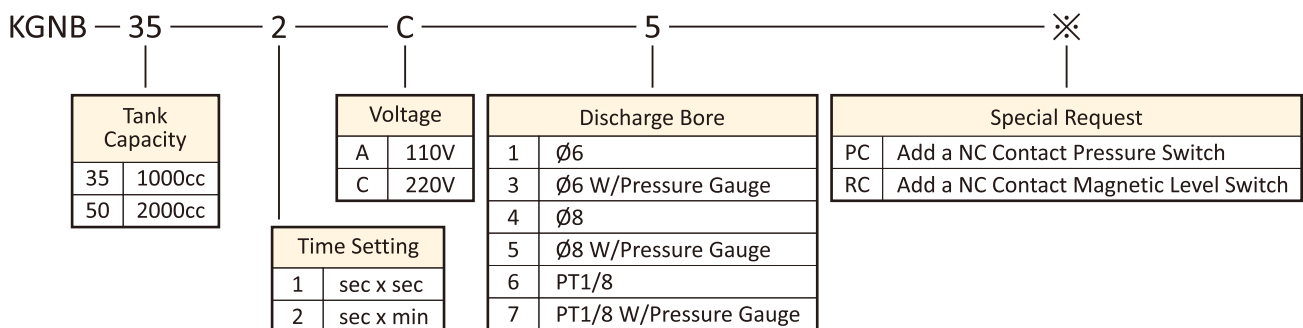
### ◆ Technical Data

Operation Time	1-999 sec.	
Interval Time	1-999 sec., 1-999 min.	
Voltage	110V	220V
Motor Output	60W	80W
Ampere	1.8A	1.0A
Hertz	50/60Hz Compatible	
Max. Discharge Volume	30cc/min	
Max. Operating Pressure	100kgf/cm <sup>2</sup>	
Discharge Bore	Ø6, Ø8, PT1/8	
Suitable Viscosity	KGNB: Grease, NLGI 000-0 KGNBP-07: Grease, NLGI 000-1	

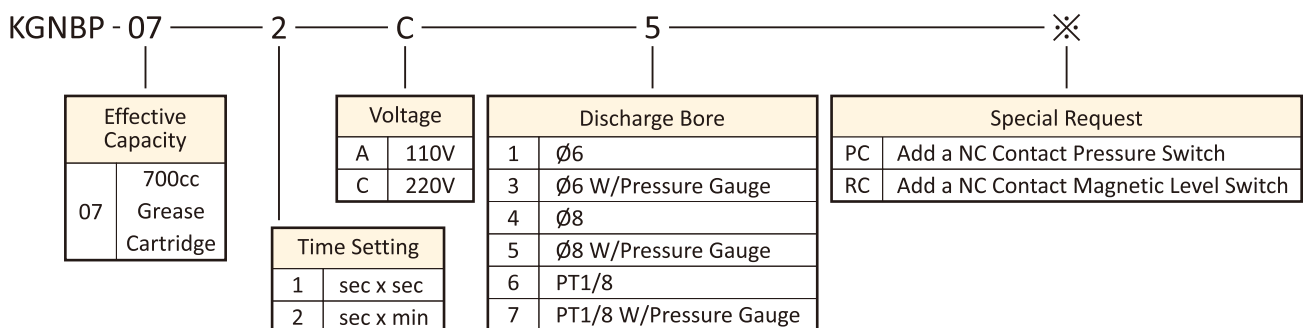
### ◆ Wiring Diagram

Abnormal Output			Ground	Power	
NO(A)	NC(B)	COM	GND(P.E)	POWER	
⊕	⊕	⊕	⊕	⊕	⊕

### ◆ Order Code (KGNB)

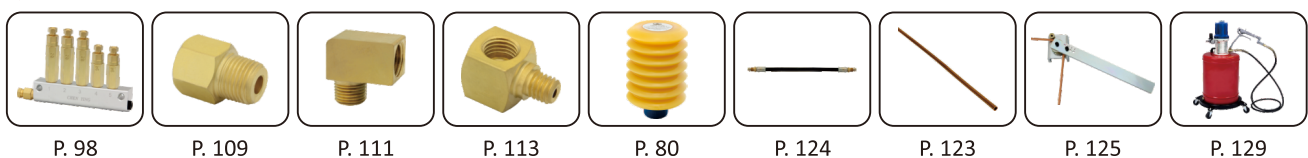


### ◆ Order Code (KGNBP)



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

### ◆ Related Products



P. 98

P. 109

P. 111

P. 113

P. 80

P. 124

P. 123

P. 125

P. 129