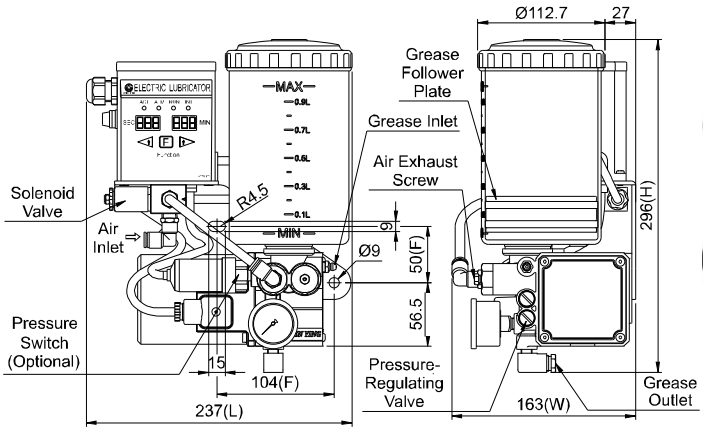
KGNB/KGNBP Pressure-Relief Type Grease Electric/Pneumatic Lubricator

Timer

CHEN YING



KGNB-35-2-C-5-0-PC
(Pneumatic Type)



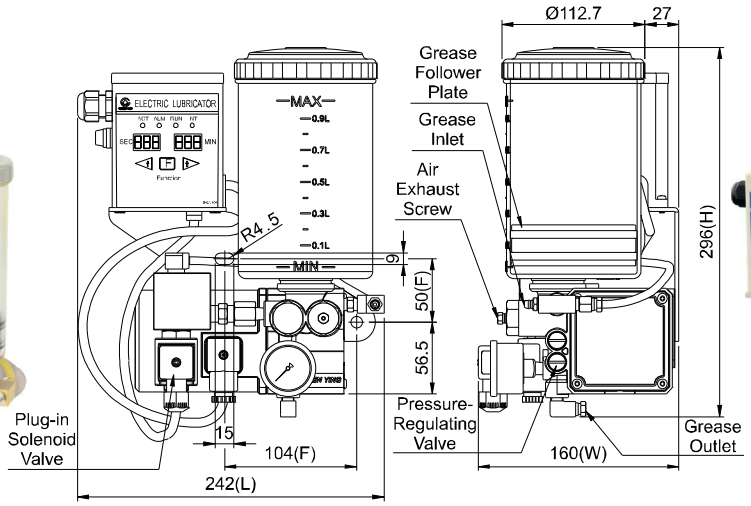
Dimensional Drawing of KGNB-35-2-C-5-0-PC



KGNBP-07-2-C-5-0
with Grease Cartridge
(Pneumatic Type)



KGNB-35-2-C-5-1
(Electric Type)



Dimensional Drawing of KGNB-35-2-C-5-1



KGNBP-07-2-C-5-1
with Grease Cartridge
(Electric Type)

◆Features

1. The operation and interval time of KGNB and KGNBP are controlled by PLC. KGNB and KGNBP require a 4.5-8kgf/cm² pneumatic pressure supply for the pressure-relief function. Electric type is also available on request.
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/cm² 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.

KGNB/KGNBP Pressure-Relief Type Grease Electric/Pneumatic Lubricator

◆Dimensional Data

Model	Tank Capacity	Type	Length (mm)	Width (mm)	Height (mm)	Fixed Hole Distance (mm)	N.W. (kg)
KGNB-35	1000cc	Pneumatic	237	163	296	104	4.95
KGNB-50	2000cc		245	163	380		5.41
KGNB-35	1000cc	Electric	242	160	296		5.39
KGNB-50	2000cc		244	160	380		5.84
KGNBP-07	700cc Grease Cartridge	Pneumatic	241	163	302	104	5.00
KGNBP-07	700cc Grease Cartridge	Electric	242	160	302		5.42

◆Technical Data

Operation Time	1-999 sec.	
Interval Time	1-999 sec., 1-999 min.	
Voltage	AC110V	AC220V
Motor Output	60W	80W
Ampere	1.8A	1.0A
Hertz	50/60Hz Compatible	
Max. Discharge Volume	30cc/min	
Max. Operating Pressure	100kgf/cm²	
Discharge Bore	Ø6, Ø8, PT1/8	
Magnetic Level Switch	Optional (NC Contact)	
Pressure Switch	Optional (NC Contact)	
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)

KGNB — 35 — 2 — C — 5 — 0 — ※

Tank Capacity	
35	1000cc
50	2000cc

Voltage	
A	AC110V
C	AC220V

Time Setting	
1	sec x sec
2	sec x min

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

Pressure-Relief Type	
0	Pneumatic Type
1	Electric Type

Special Request	
PC	Add a NC Contact Pressure Switch
RC	Add a NC Contact Magnetic Level Switch

◆Order Code (KGNBP)

KGNBP - 07 — 2 — C — 5 — 0 — ※

Effective Capacity	
07	700cc Grease Cartridge

Voltage	
A	AC110V
C	AC220V

Time Setting	
1	sec x sec
2	sec x min

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

Pressure-Relief Type	
0	Pneumatic Type
1	Electric Type

Special Request	
PC	Add a NC Contact Pressure Switch
RC	Add a NC Contact Magnetic Level Switch

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

◆Related Products


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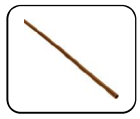

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