



CHEN YING

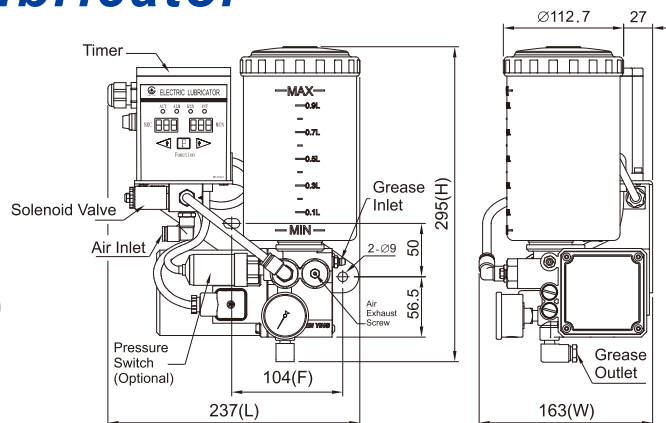
KGNB, KGNBP Pressure-Relief Grease Pneumatic Lubricator



KGNBP-07



KGNB-35-C-5-PC



KGNB-35-C-5-PC Externals

◆Features:

- 1.KGNB and KGNBP are suitable for grease NLGI grades 000, 00 and 0.
- 2.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 3.The action and interval time are controlled by the timer. It equips with a buzzer that sends warning signal when irregular occurs.
- 4.The pressure relief system of KGNB and KGNBP is pneumatic and recommendation for air pressure range is 4.5 ~ 8 kg. It has to work with CEB Type Volume Distributor which is designed as a singular outlet with fixed discharge volume that each lubricating point has equal amount of lubricant. There are different types of discharge volume options such as 0.03, 0.06, 0.10, 0.16, 0.20, 0.30, 0.40, 0.50 cc/stroke upon request. Grease will feed during the operation time of the lubricator and the amount of grease feeding is fixed.
- 5.Pressure switch can be added as optional for checking if the piping works normally. The standard setting is at 60 bars and the standard specification is NC (Normally Closed) contact, which means if the pressure doesn't reach the default setting, it sends a alarm signal. NO (Normally Open) contact is available on the request.
- 6.Magnet Level Switch is also an optional accessory that can be added upon request. It sends continuous signal automatically when the grease level is lower than the minimum level.
- 7.When the motor temperature reaches 100℃ , the sensor will be on to stop the motor continue running about 5 minutes.
- 8.It has a pressure gauge that the operator can check the pressure easily.
- 9.For the first time use, slightly press the Feed button (F button) to feed grease immediately. F button can be used as manually grease feeding for no more than 3 minutes.

◆Application of Machines Equipment:

- 1.It can be used for the machines requiring strictly rationing grease flow.
- 2.It usually works with rubber or plastic machines, press machines, machine center, woodworking machines, etc.

◆Specification

Model	Operation Time	Interval Time	Motor	Voltage	Ampere	Hertz	Max Volume	Max Pressure
KGNB	1-999sec	1-999min or 1-999sec	60 W	AC 110V	1.8 A	50 / 60 Hz	30 cc/min	100 bar
			80 W	AC 220V	1 A			
	Dis. Bore	Pressure Switch	Tank Code	Tank Capacity	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
KGNBP	Ø6	NC 60 bar	35	1000 cc	237	163	295	4.1
	Ø8		50	2000 cc	245	163	380	4.4
	PT1/8		07 [1]	700 cc	241	163	302	4.2

Note 1: Tank Code 07 is for 700cc disposable grease cartridge. A grease cartridge is not included for the standard specification.

◆Order Code :

KG NB

Pressure-Relief Type
Grease Electric Lubricator
N : Controlled by Timer
B : Pressure-Relief Type

35

Tank Capacity
35 : 1000 cc
50 : 2000 cc

2

Time (Act x Interval)
1 : sec x sec
2 : sec x min

C

Voltage
A : 110V
C : 220V

5

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

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Special Request
PC : Pressure Switch (NC)
RC : Magnetic Level Switch (NC)

KG NBP

Pressure-Relief Type
Grease Electric Lubricator
N : Controlled by Timer
B : Pressure-Relief Type
P : With Hard Spring

07

Effective Capacity
07 : For 700cc
Grease Cartridge

2

Time (Act x Interval)
1 : sec x sec
2 : sec x min

C

Voltage
A : 110V
C : 220V

5

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

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Special Request
PC : Pressure Switch (NC)
RC : Magnet Level Switch (NC)

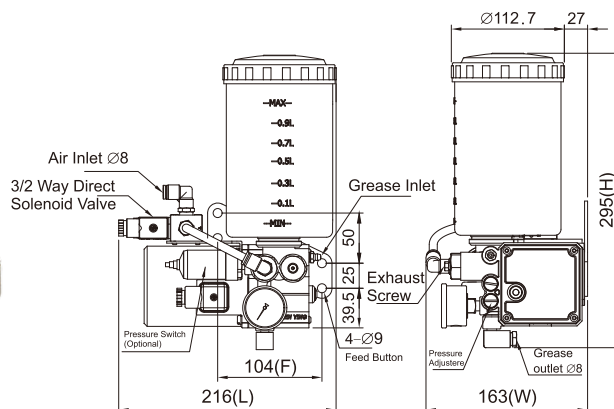
KGB, KGBP Pressure-Relief Type Grease Pneumatic Lubricator



KGBP-07



KGB-35



KGB-35 Type Standards External
(Pressure Switch is added as optional.)

◆Features:

- 1.KGB and KGBP types are suitable for grease NLGI grades 000, 00 and 0.
- 2.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 3.KGB and KGBP can be operated by Programmable Logic Controller (PLC). The pressure relief system of KGB and KGBP is pneumatic and recommendation for air pressure range is 4.5 ~ 8 kg. It has to work with CEB Type Volume Distributor which designs as a singular outlet with fixed discharge volume that each lubricating point has equal amount of lubricant. There are different types of discharge volume options such as 0.03, 0.06, 0.10, 0.16, 0.20, 0.30, 0.40, 0.50cc/ stroke upon request. Grease will feed during the operation time of the lubricator and the amount of grease feeding is fixed.
- 4.Pressure switch can be added as optional for checking if the piping works normally. The standard setting is at 60 bars and the standard specification is NC (Normally Closed) contact, which means if the pressure doesn't reach the default setting, it sends a alarm signal. NO (Normally Open) contact is available on the request.
- 5.Magnet Level Switch is also an optional accessory that can be added upon request. It sends continuous signal automatically when the grease level is lower than the minimum level.
- 6.For the first time use, slightly press the Feed button (F button) to feed grease immediately. F button can be used as manually grease feeding for no more than 3 minutes.
- 7.When the motor temperature reaches 100°C, the sensor will be on to stop the motor continue running about 5 minutes.
- 8.It has a pressure gauge that the operator can check the pressure easily.

◆Application of Machines Equipment:

- 1.It can be used for the machines requiring strictly rationing grease flow.
- 2.It usually works with rubber or plastic machines, press machines, machine center, woodworking machines, etc.

◆Specification:

Model	Operation Time	IntervalTime	Voltage(V)	Motor(W)	Ampere of Motor	Ampere of 3/2 Way Direct Solenoid Valve	Feed-Grease Button
KGB	Controlled by PLC		AC 110V	60 W	1.8 A	0.1A	AC125V 3 A AC250V 1 A
			AC 220 V	80 W	1A	0.1A	
			DC 24V	60 W	1.65A	0.2A	
	Max Volume		Max Pressure	Hertz (Hz)	Pressure Switch	Viscosity	Motor Rotation
	AC 110V AC 220V	30 cc/min	100 bar	50 / 60 (Hz)	NC or NO 60 bar	Grease NLGI grades 000 to 0	Anti-Clockwise
	DC 24V	35 cc/min					
	Tank Code	Effective Capacity	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	
	35	1000 cc	216	163	295	3.4	
50	2000 cc	224	163	380	4.7		
KGBP	07/11	700 cc	220	163	302	3.6	

Note 1: Tank code 07: Replaceable Grease Cartridge Type. A grease cartridge is not included for the standard specification.

◆Order Code :

KG B

Pressure-Relief Type
Grease Electric Lubricator
B: Pressure-Relief Type

35

Tank Capacity
35 : 1000cc
50 : 2000cc

C

Voltage
A : 110V
C : 220V
K : DC24V

5

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

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Special Request
PC : Pressure Switch (NC)
PO : Pressure Switch (NO)
RC : Magnetic Level Switch
RO : Magnetic Level Switch

KG BP

Pressure-Relief Type
Grease Electric Lubricator
B : Pressure-Relief Type
P : W/Hard Spring

07

Tank Capacity
07 : For 700cc
Grease Cartridge

C

Voltage
A : 110V
C : 220V
K : DC24V

5

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 : Pressure Switch (NC)
PO : Pressure Switch (NO)
RC : Magnetic Level Switch
RO : Magnetic Level Switch

※Grease cartridge type is only available for KGBP model.

◆Wiring Diagram

