

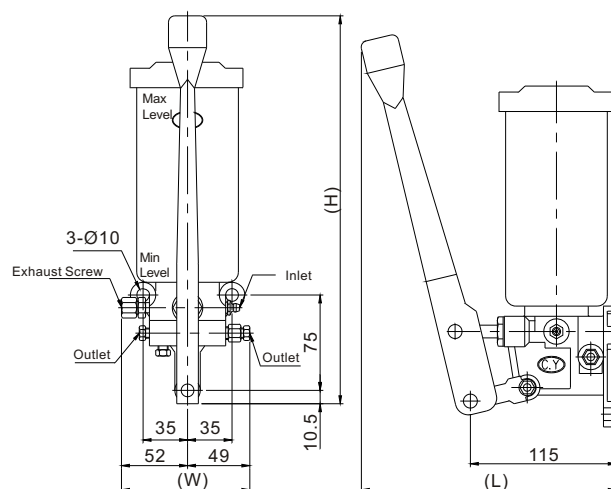


CLHA Type Grease Manual Lubricator



CLHA-35

CLHA-20



◆Features

- 1.CLHA type has good tight pressing iron, which can press grease out smoothly.
- 2.Low cost, and high practicality.
- 3.Easy to be operated by pushing the handle down for oil feeding.
- 4.Small size and easy for installation.
- 5.CLHA type is suitable for grease NLGI grades 0 to 000, and CLHP type is suitable for grease NLGI grades 0 to 2.
- 6.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.

◆Application of Machines Equipment

- 1.It is suitable for the machinery that does not need to feed oil at certain time.
- 2.It usually works with press, woodworking or thermal treatment machinery.



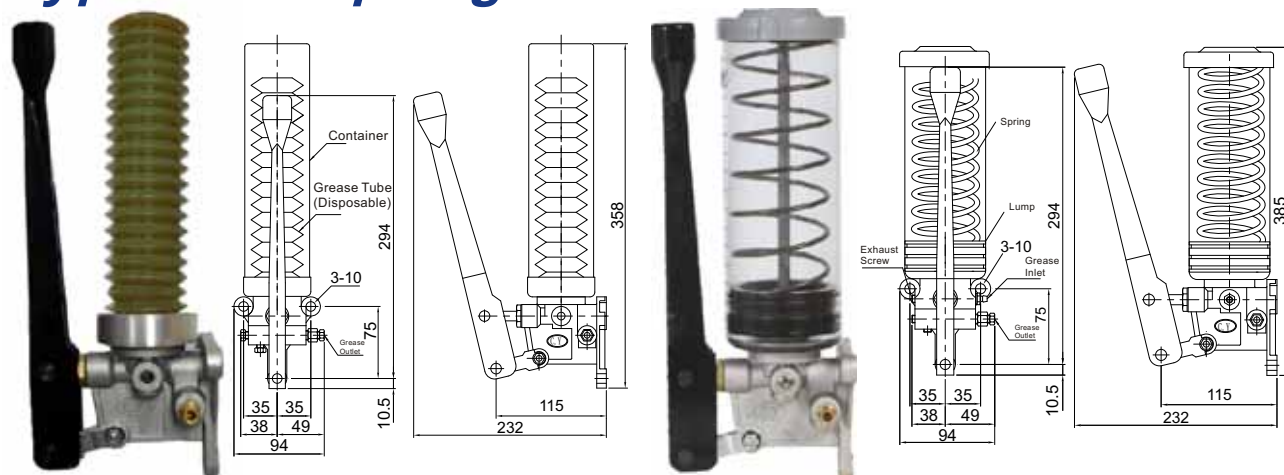
The Piping of CLHA Type Grease Lubrication System

Model	Capacity Liters	Max Volume	Max Pressure	Discharge Bore	Viscosity	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CLHA-10	300cc	2cc/stroke	100kgf/cm ²	Ø4 Ø6 Ø8 PT1/8	Grease NLGI grades 0 to 000	70	232	103	315	1.08
CLHA-20	600cc					70		103	315	1.14
CLHA-35	1000cc					70,75		106	345	2.20
CLHA-40	800cc					70		106	325	1.39
CLHA-50	2000cc					70,75		120	390	2.09

◆Order Code :

CLH	A	20	R	D	1	※
Grease Manual Lubricator		Tank Capacity	Outlet	Outlet Connector	Discharge Bore	Special Request
		10 : 300cc	L : Left Hand Outlet	H : Elbow Adapter	0 : Ø4	
		20 : 600cc	R : Right Hand Outlet	D : Straight Adapter	1 : Ø6	
		35 : 1000cc	D : Dual Outlet	B : Block	2 : Ø4 (With Pressure Gauge)	
		40 : 800cc	T : Three Outlets		3 : Ø6 (With Pressure Gauge)	
		50 : 2000cc	F : Four Outlets		4 : Ø8	
					5 : Ø8 (With Pressure Gauge)	
					6 : PT1/8	
					7 : PT1/8 (With Pressure Gauge)	

CLHA-25 Type Grease Tube, CLHP-40 Type Hard Spring Manual Lubricator



CLHA-25 CLHA-25 Type Standards Externals

CLHP-40

CLHP-40 Type Standards Externals

◆Features

- 1.CLHA-25 type works with disposable grease tube (400 cc) that is more convenient for cleaning and easy operating. The disposable grease tube is not included but can be purchased as optional.
- 2.Chen Ying manual grease type lubricator can easily be operated by pushing the handle down for grease feeding repeatedly.
- 3.Manual grease type lubricator is small and easy for installation.
- 4.CHLA-25 can work with disposable grease tube (400cc) or with iron reservoir as optional.
- 5.The standard grease tube thread of CLHA-25 is M15 x P2.5 with reservoir cover and thread M15 x P2.0 is also available on request.
- 6.CLHP-40 has a hard spring inside that is suitable for NLGI grades 000 to 2.
- 7.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.

◆Application of Machines Equipment

- 1.It is suitable for the machinery that does not need to feed grease at certain time.
- 2.It usually works with press, wood working or thermal treatment machinery.

Model	Capacity	Max Volume	Max Pressure	Discharge Bore	Remark
CLHA-25	Grease Tube 400g	2 cc/stroke	100kf/cm ²	Ø4	Grease Tube Thread A : M15xP2.5 B : M15xP2.0
CLHP-40	650cc			Ø6 Ø8 PT1/8	
Model	Fixed Hole Distance(mm)	Length(mm)	Width(mm)	Height(mm)	Weight(kg)
CLHA-25	70mm	232	94	358	1.25
CLHP-40		232	94	325	1.35

◆Order Code :

CLHA

25

R

1

※

Grease Manual
LubricatorGrease Tube
25 : 400gOutlet
L : Left Hand Outlet
R : Right Hand Outlet
D : Dual Outlet
T : Three Outlets
F : Four OutletsDischarge Bore
0 : Ø4
1 : Ø6
2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)
4 : Ø8
5 : Ø8 (With Pressure Gauge)
6 : PT1/8
7 : PT1/8 (With Pressure Gauge)T : Grease Tube Included
I : Iron Reservoir

◆Order Code :

CLHP

40

R

1

※

Grease Manual Lubricator
P : With Hard Spring
Viscosity NLGI 000~2Effective Capacity
40 : 650ccOutlet
L : Left Hand Outlet
R : Right Hand Outlet
D : Dual Outlet
T : Three Outlets
F : Four OutletsDischarge Bore
0 : Ø4
1 : Ø6
2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)
4 : Ø8
5 : Ø8 (With Pressure Gauge)
6 : PT1/8
7 : PT1/8 (With Pressure Gauge)

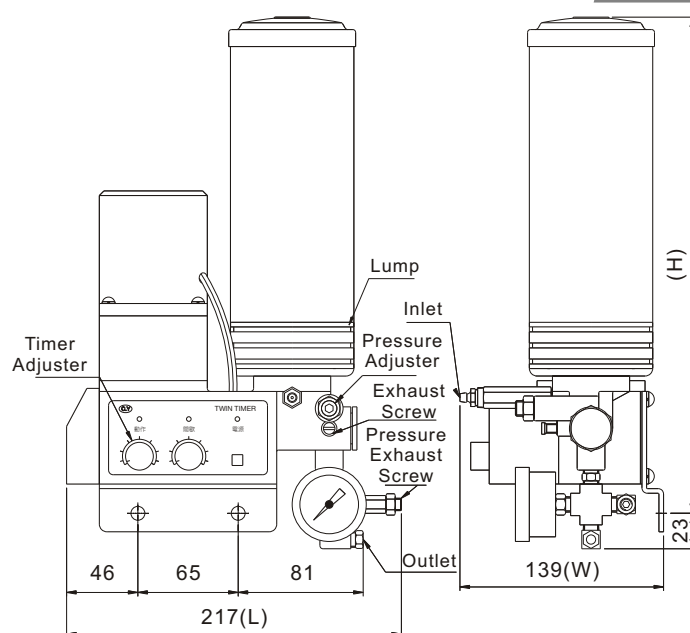
Special Request



KSB Type Grease Electric Lubricator



KSB-40(110/220V)



◆Features

- 1.KSB type has a timer, which controls the operation and interval time, it's quite user-friendly.
- 2.It is divided by the volume of container KSB-30(600cc), KSB-35(1000cc), KSB-40(800cc), and KSB-50(2000cc). Please refer the specification for further details.
- 3.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 4.It has a pressure gauge where an operator can check the pressure easily.
- 5.Recommend working with CV type progressive feeder that can easily control the volume of lubricant. CV type progressive feeder can be assemble with NO (Normal Open) or NC (Normal Close) sensor switch on request.
- 6.Its function is similar to KSC type. KSC type is without timer and could be controlled by Programmable Logic Controller but KSB type is controlled by a timer.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.

◆Application of Machines Equipment

It is suitable for plastic or rubber processing machines, pressing and thermal treatment machines, etc.

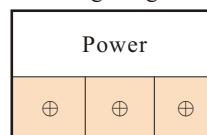


KSB-40 with level switch

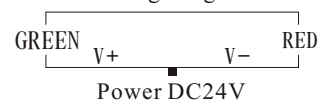
Model	Capacity	Operation Time	Interval Time	Motor	Max Volume	Max Pressure	Voltage	Ampere	Hertz	Discharge Bore	Viscosity
KSB-30	600cc	3sec-12min	1-180min or 1-360min	15W	15cc/min	150kgf/cm ²	DC24V 110V 220V	1.2A 0.34A 0.17A	50/60Hz	Ø4 Ø6 Ø8 PT1/8	Grease NLGI grades 0 to 000
KSB-35	1000cc										
KSB-40	800cc										
KSB-50	2000cc										

Model	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
KSB-30	65mm	217	138	262	3.31
KSB-35		217	138	280	4.25
KSB-40		217	138	345	3.66
KSB-50		217	158	367	4.42

KSB Single Phase Wiring Diagram



KSB Type DC24V Wiring Diagram



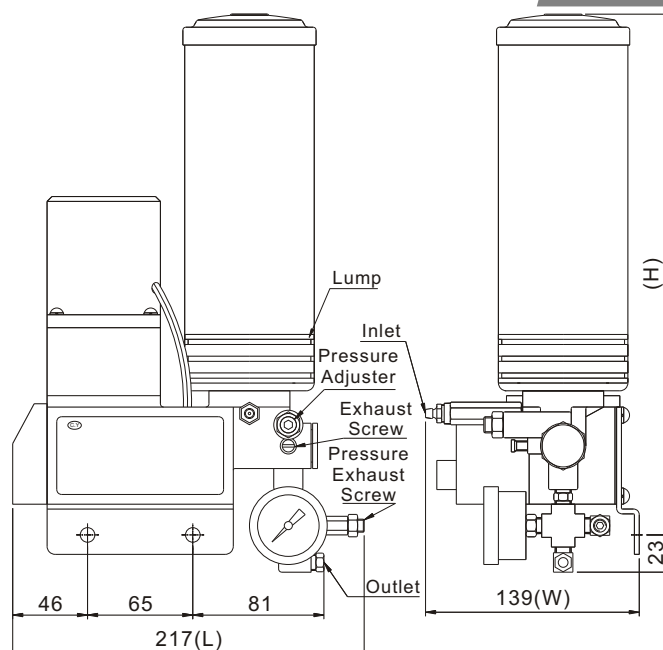
◆Order Code :

KS	B	30	180	C	3	※
Electric Grease Lubricator B : Controlled by Timer		Tank Capacity 30 : 600cc 35 : 1000cc 40 : 800cc 50 : 2000cc	Interval 180 : 180min 360 : 360min	Voltage A : 110V C : 220V D : DC24V	Discharge Bore 0 : Ø4 1 : Ø6 2 : Ø4 (With Pressure Gauge) 3 : Ø6 (With Pressure Gauge) 4 : Ø8 5 : Ø8 (With Pressure Gauge) 6 : PT1/8 7 : PT1/8 (With Pressure Gauge)	Special Request S : KSB - 40 could add a level switch

KSC Type Grease Electric Lubricator



KSC-40(110/220V)



◆Features

- 1.KSC type is without timer, also could be controlled by Programmable Logic Controller.(PLC)
- 2.It is divided by the volume of container KSC-30(600cc), KSC-35(1000cc), KSC-40(800cc), and KSC-50(2000cc). Please look the specification for further details.
- 3.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 4.It has a pressure gauge for checking if the pressure is normal.
- 5.Recommend working with CV type progressive feeder that can easily control the volume of lubricant. CV type progressive feeder can be assemble with NO (Normal Open) or NC (Normal Close) sensor switch on request.
- 6.Its function is similar to KSB type. The difference is KSC type is without timer (also could be controlled by Programmable Logic Controller) and KSB type is controlled by a timer.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.



KSC-30(DC24V)

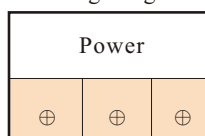
◆Application of Machines Equipment

It's usually used for plastic or rubber processing machines, pressing and thermal treatment machines, etc.

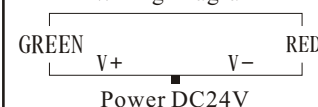
Model	Capacity Liters	Operation Time	Interval Time	Motor	Max Volume	Max Pressure	Voltage	Ampere	Hertz	Discharge Bore	Viscosity
KSC-30	600cc	Control By PLC		15W	15cc/min	150kgf/cm ²	DC24V	1.2A	50/60Hz	Ø4 Ø6 Ø8 PT1/8	Grease NLGI grades 0 to 000
KSC-35	1000cc						110V	0.34A			
KSC-40	800cc						220V	0.17A			
KSC-50	2000cc										

Model	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
KSC-30	65mm	217	138	262	3.26
KSC-35		217	138	280	4.19
KSC-40		217	138	345	3.61
KSC-50		217	158	367	4.36

KSC Single Phase Wiring Diagram



KSC Type DC24V Wiring Diagram



◆Order Code :

KS C
Electric Grease Lubricator
C : Controlled by PLC

30
Tank Capacity
30 : 600cc
35 : 1000cc
40 : 800cc
50 : 2000cc

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

3
Discharge Bore
0 : Ø4
1 : Ø6
2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)
4 : Ø8
5 : Ø8 (With Pressure Gauge)
6 : PT1/8
7 : PT1/8 (With Pressure Gauge)

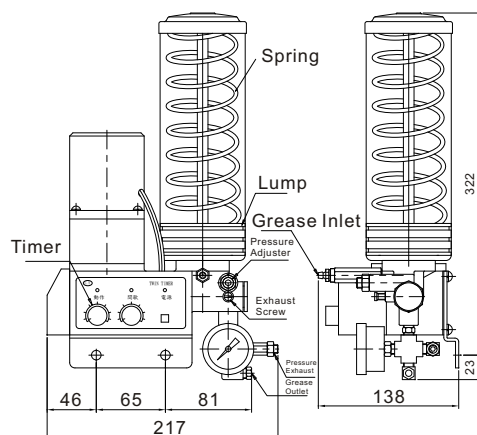
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Special Request
S : KSC - 40 could add a level switch



KSBP Type , KSCP Type Hard Spring Electric Lubricator



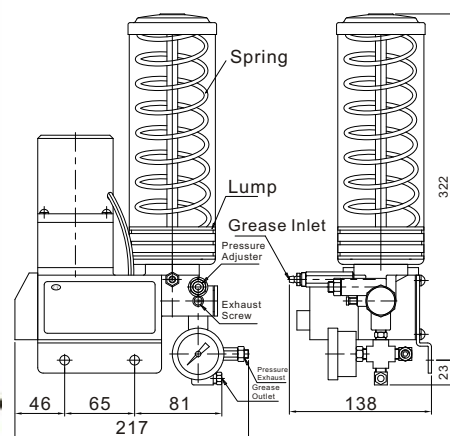
KSBP-40



KSBP-40 Type Standards Externals



KSCP-40



KSCP-40 Type Standards Externals

◆Features

- 1.KSBP type and KSCP type have hard springs, and the suitable viscosity of grease is NLGI grades 000 to 2.
- 2.KSBP and KSCP have similar function. The difference is KSBP type is controlled by a timer, and KSCP type is without timer (also could be controlled by Programmable Logic Controller).
- 3.It has a pressure gauge where an operator can check the pressure easily.
- 4.Recommend working with CV type progressive feeder that can easily control the volume of lubricant. CV type progressive feeder can be assemble with NO (Normal Open) or NC (Normal Close) sensor switch on request.
- 5.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 6.Please don't fill grease over the maximum red level.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.

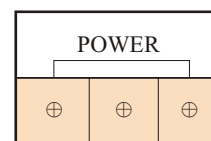
◆Application of Machines Equipment

Suitable for plastic or rubber processing machines, pressing and thermal treatment machines, etc.

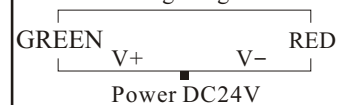
Model	Capacity	Operation Time	Interval Time	Motor	Max Volume
KSBP-40	650cc	3 sec-12min	1-180 min or 1-360min	15W	15cc/min
KSCP-40		Control By PLC			
Max Pressure	Voltage	Ampere	Hertz	Discharge Bore	Viscosity
150kgf/cm	DC24V 110V 220V	1.2A 0.34A 0.17A	50/60Hz	Ø4 Ø6 Ø8 PT1/8	Grease NLGI grades 000 to 2

Model	Fixed Hole Distance(mm)	Length(mm)	Width(mm)	Height(mm)	Weight(kg)
KSBP-40	65mm	217	138	322	3.7
KSCP-40					3.6

KSBP、KSCP
Single Phase
110V/220V
Wiring Diagram



KSBP、KSCP Type DC24V
Wiring Diagram



◆Order Code :

KSBP 40 180 C 3 ※

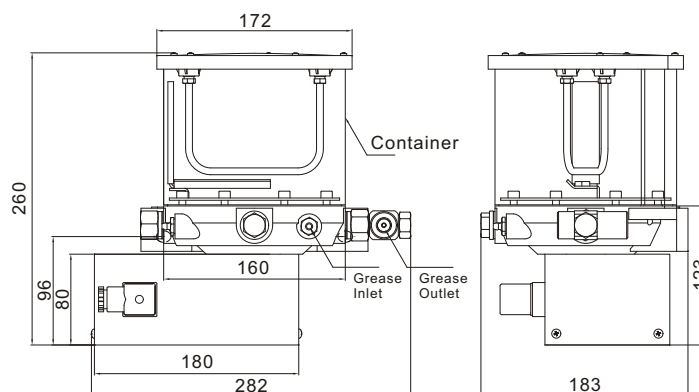
Electric Grease Lubricator Effective Capacity Interval Time Voltage Discharge Bore Special Request
B : Controlled by Timer 40 : 650cc 180 : 180 min A : 110V 0 : Ø4
P : With Hard Spring 360 : 360 min C : 220V 1 : Ø6
Viscosity NLGI 000~2 D : DC24V 2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)
4 : Ø8
5 : Ø8 (With Pressure Gauge)
6 : PT1/8
7 : PT1/8 (With Pressure Gauge)

◆Order Code :

KSCP 40 C 3 ※

Electric Grease Lubricator Effective Capacity Voltage Discharge Bore Special Request
C : Controlled by PLC 40 : 650cc A : 110V 0 : Ø4
P : With Hard Spring C : 220V 1 : Ø6
Viscosity NLGI 000~2 D : DC24V 2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)
4 : Ø8
5 : Ø8 (With Pressure Gauge)
6 : PT1/8
7 : PT1/8 (With Pressure Gauge)

KGH-2L Grease Electric Lubricator



◆Features:

- 1.KGH type is designed to apply for the machine, which needs continuously fixed amount grease-feeding. The maximum operating pressure could reach 300 kgf/cm² and discharge volume is 4.5cc per minute.
- 2.KGH has a stirrer that can stir grease from NLGI 000 to grade 2.
- 3.It has three lubricant outlets as optional upon the customer's request. The standard type is one lubricant outlet with excess pressure valve. The excess pressure valve bore is PT 1/4 and the optional accessory adapter could be selected from $\phi 4 \sim \phi 10$.
- 4.There are two grease nipples for filling up grease by a grease gun in order to avoid impurities dropping into the reservoir.
- 5.To avoid the danger of excessive pressure, the excess pressure valve will open to clear excess grease when the operating pressure reaches 250 kgf/cm².
- 6.KGH can continuously supply grease-feeding and its operation and interval time can be set up by Programmable Logic Controller (PLC).
- 7.Recommend working with CV type progressive feeders that can easily control the volume of lubricant. CV type progressive feeders supply a fixed flow of lubricant that deliver equal volume to each point and the discharge volume of each outlet is 0.18cc/stroke.
- 8.A selection with a timer is available upon the customer's request.

◆Application of Machines Equipment:

It could be applied for Plastic or Rubber Processing Machines, Pressing and Thermal Treatment Machines, etc.

Model	Capacity	Act Time	Interval Time	Motor	Max Volume	Max Pressure	Voltage	Ampere	Motor Direction
KGH	2000 cc	CONTROL BY PLC		20W	4.5 cc/min	300 kg/cm ²	DC24V	5A	Anti-Clockwise
	Wiring	Discharge Bore	Grease Viscosity	Fixed Hole Distance	Length	Width	Height	Weight	
	1 Means - 2 Means +	$\phi 4 \times PT1/4$ $\phi 6 \times PT1/4$ $\phi 8 \times PT1/4$ $\phi 10 \times PT1/4$	NLGI 000~2	160mm	282mm	183mm	260mm	5.8kg	

◆Order Code :

KGH — 2L

Tank Capacity

1

Discharge Bore

1 : 1 Lubricant Outlet
2 : 2 Lubricant Outlets
3 : 3 Lubricant Outlets

D

Voltage

D : DC24V

1

Discharge Bore

0 : $\phi 4 \times PT1/4$
1 : $\phi 6 \times PT1/4$
2 : $\phi 8 \times PT1/4$
3 : $\phi 10 \times PT1/4$

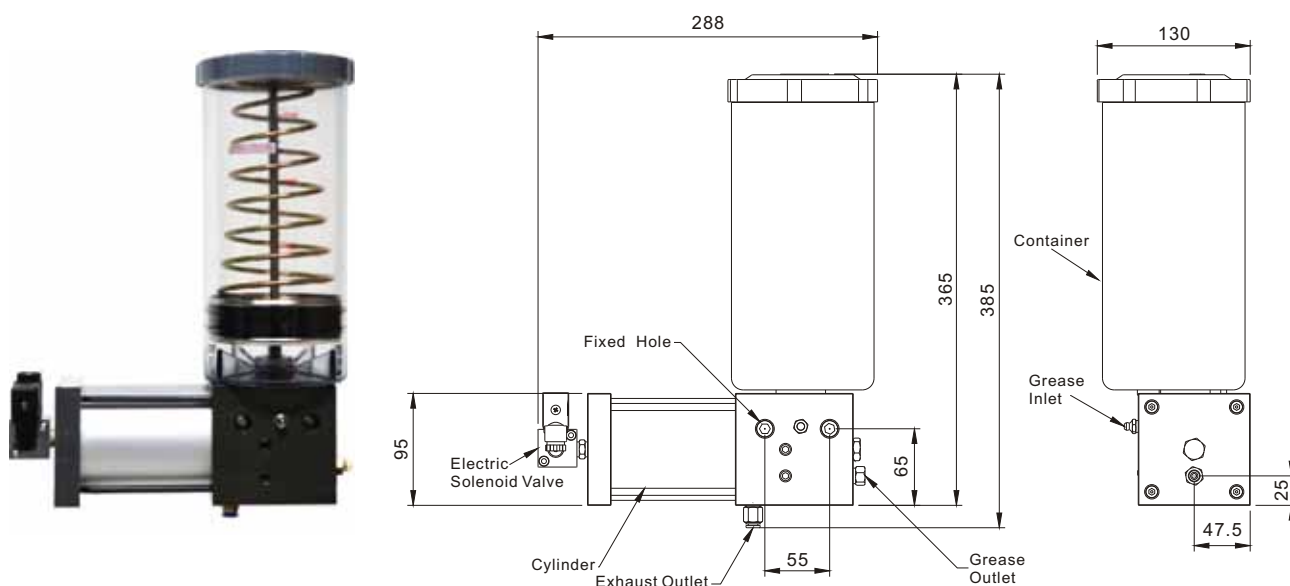
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Special Request

A : Add a transformer to change to AC 110V
C : Add a transformer to change to AC 220V
N : Add a transformer to change to AC 110/220V and add a timer



MAG Pneumatic Grease Lubricator



◆Features:

- 1.MAG is a pneumatic grease lubricator actuated by air, controlled by an electric solenoid valve (optional), which could be an air pressure power switch.
- 2.The degree of pressure is controlled by air pressure as interval oil feeding.
- 3.Air Consumption per stroke at 85 psi is 1.0 liter.
- 4.It is suitable for grease NLGI grades 000~2.
- 5.Recommend working with CV type progressive feeder that can easily control the volume of lubricant. CV type progressive feeder can be assembled with NO (Normal Open) or NC (Normal Close) sensor switch on request.
- 6.Recommend using a grease gun for filling with lubricant from grease inlet.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.

◆Application of Machines Equipment:

Suitable for plastic or rubber processing machines, pressing and thermal treatment machines, etc.

Model	Effective Capacity (Liters)	Max. Permissible Inlet Air Pressure	Mini. Permissible Inlet Air Pressure	Discharge Volume	Discharge Bore	Electrical Level Switch
MAG	1.5 L	150 psi	50 psi	2.5cc/Stroke	Ø4 Ø6 Ø8 Ø10	Optional
	Fixed Hole Distance (mm)	Length(mm)	Width(mm)	Height(mm)	Weight(kg)	Grease Viscosity
	55	275	130	365	5.5	NLGI 000~2

◆Order Code :

MAG	50	0	1	1	※
Model	Effective Capacity	Air Inlet	Discharge Bore	Electric Solenoid Valve	Special Request
	1.5 Liters	0 : Ø 8 1 : Ø 10	0 : Ø4 1 : Ø6 2 : Ø8 3 : Ø10	0 : Without 3/2 Way Direct Solenoid Valve 1 : With 3/2 Way Direct Solenoid Valve	※ S: Added Level Switch ※ G: Add Pressure Gauge

KSB-25 Type Grease Tube Electric Lubricator



KSB-25

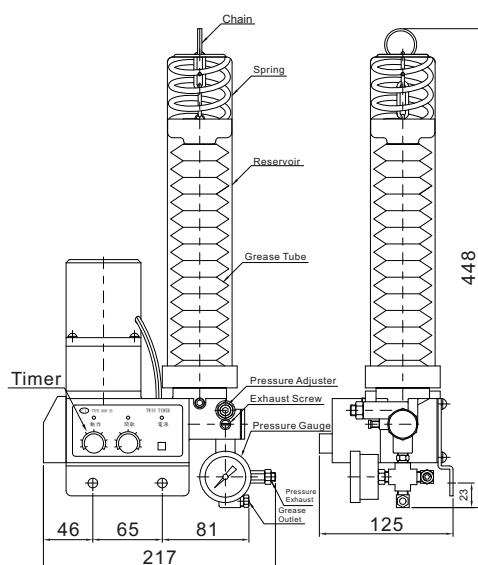
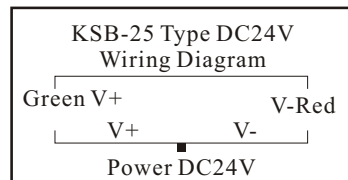
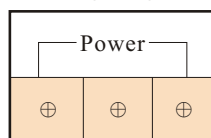
◆ Features

- 1.KSB-25 type works with disposable grease tube (400 cc) that is more convenient for cleaning and easy operating. The disposable grease tube is not included but can be purchased as optional.
- 2.The standard grease tube thread of KSB-25 is M15×P2.5 with reservoir cover and thread M15×P2.0 is also available on request.
- 3.It has a timer, which controls operation and interval time.
- 4.It has a pressure gauge, where an operator can check the pressure easily.
- 5.Recommend working with CV type progressive feeder that can easily control the volume of lubricant. CV type progressive feeder can be assemble with NO (Normal Open) or NC (Normal Close) sensor switch on request.
- 6.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.

◆ Application of Machines Equipment

Suitable for plastic or rubber processing machines, pressing and thermal treatment machines, etc.

KSB-25 Single Phase Wiring Diagram



KSB-25 Type Standards Externals

Model	Capacity	Operation Time	Interval Time	Motor	Max Volume	Max Pressure
KSB-25	Grease Tube 400 g	3 sec - 12 min	1-180 min or 1-360 min	15W	15 cc/min	150 kgf/cm ²
Model	Voltage	Ampere	Hertz	Discharge Bore	Grease Tube Thread	
KSB-25	DC24V 110V 220V	1.2A 0.34A 0.17A	50/60Hz	Ø4 Ø6 Ø8 PT1/8	A : M15xP2.5 B : M15xP2.0	

Model	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
KSB-25	65mm	217	125	448	3.9

◆ Order Code :

KS	B	25	180	C	3	A	※
B : Controlled by Timer		Grease Tube 25 : 400g	Interval 180 : 180min 360 : 360min	Voltage A : 110V C : 220V D : DC24V	Discharge Bore 0 : Ø4 1 : Ø6 2 : Ø4 (With Pressure Gauge) 3 : Ø6 (With Pressure Gauge) 4 : Ø8 5 : Ø8 (With Pressure Gauge) 6 : PT1/8 7 : PT1/8 (With Pressure Gauge)	Standard thread is A type A : Grease tube thread M15×P2.5 B : Grease tube thread M15×P2.0	Special Request T : Grease Tube included

KSB-25 Type Grease Tube Electric Lubricator



KSC-25 Type Grease Tube Electric Lubricator PLC



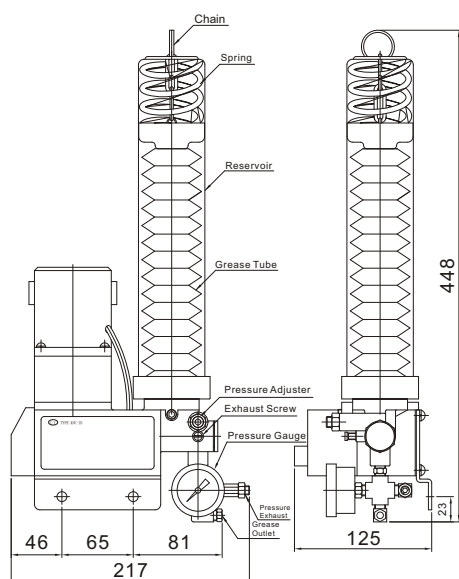
KSC-25

◆Features

- 1.KSC-25 type works with disposable grease tube (400 cc) that is more convenient for cleaning and easy operating. The disposable grease tube is not included but can be purchased as optional.
- 2.The standard grease tube thread of KSC-25 is M15×P2.5 with reservoir cover and thread M15×P2.0 is also available on request.
- 3.It is controlled by PLC.
- 4.It has a pressure gauge, where an operator can check the pressure easily.
- 5.Recommend working with CV type progressive feeder that can easily control the volume of lubricant. CV type progressive feeder can be assemble with NO (Normal Open) or NC (Normal Close) sensor switch on request.
- 6.Recommend using a grease gun for filling with lubricant from grease inlet. It can avoid air or impurities dropping into the reservoir.
- 7.Fill the lubricator with grease to exhaust air before the distributors are mounted.

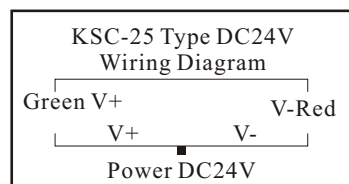
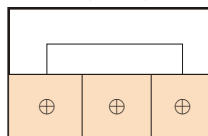
◆Application of Machines Equipment

Suitable for plastic or rubber processing machines, pressing and thermal treatment machines, etc.



KSC-25 Type Standards Externals

KSC-25 Single Phase Wiring Diagram



Model	Capacity	Operation Time	Interval Time	Motor	Max Volume	Max Pressure
KSC-25	Grease Tube 400 g	Control By PLC		15W	15 cc/min	150 kgf/cm ²
Model	Voltage	Ampere	Hertz	Discharge Bore	Grease Tube Thread	
KSC-25	DC24V 110V 220V	1.2A 0.34A 0.17A	50/60Hz	Ø4 Ø6 Ø8 PT1/8	A : M15xP2.5 B : M15xP2.0	

Model	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
KSC-25	65mm	217	125	448	3.9

◆Order Code :

KS C
Electric Grease Lubricator
C : Controlled by Timer

25
Grease Tube
25 : 400g

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

3
Discharge Bore
0 : Ø4
1 : Ø6
2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)
4 : Ø8
5 : Ø8 (With Pressure Gauge)
6 : PT1/8
7 : PT1/8 (With Pressure Gauge)

A
Standard thread is A type
A : Grease tube thread M15×P2.5
B : Grease tube thread M15×P2.0

※
Special Request
T : Grease Tube included