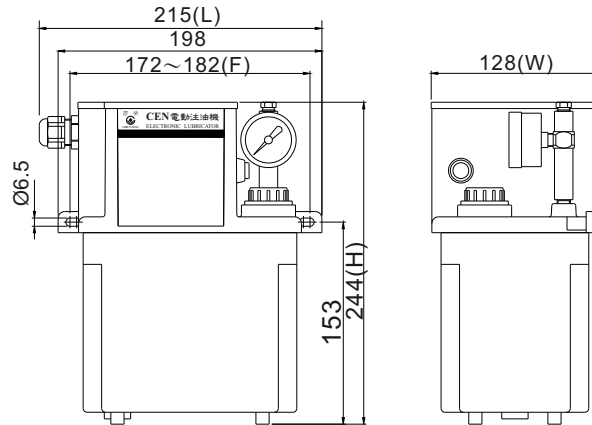



CEN03 Type Pressure-Relief Electric Lubricator

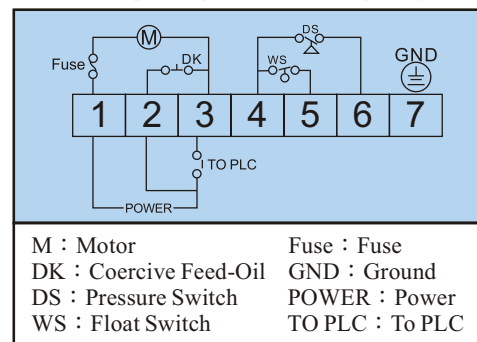


CEN03-01 Type Standards External

◆Features

- 1.CEN03 type is without timer (also could be controlled by Programmable Logic Controller) and has to work with volume distributors. With CAB or CBB type volume distributor, oil will feed during operation time. With CDB or T type volume distributor, oil will feed during interval time.
- 2.The discharge volume is fixed. The lubrication points of volume distributor supply a fixed flow of oil.
- 3.It has a spark-eliminator inside to prevent the sparks producing when the electric current is running. The spark-eliminator can avoid PLC (Programmable Logic Controller) to be interfered.
- 4.CEN03 type has a pressure switch device and been set up as 8kg/cm², which assures the oil volume of lubrication point and check if the piping works normally. The standard specification is NC (Normal Close) contact, which means if the pressure is abnormal, it will have signal. NO (Normal Open) contact is on request.
- 5.It has a float switch that can detect the oil volume. When oil is lower than the minimum level, the float switch will automatically send a continuous signal.
- 6.It has a pressure gauge where an operator can check the pressure easily.
- 7.Please don't press the force feed-oil () more than three minutes in order to avoid overloading. When the temperature reaches 100℃, the sensor will be on to stop the motor continue running about 5 minutes.
- 8.Its function is similar to CEN04 type. The difference is CEN03 type is without timer and CEN04 type is controlled by a timer. CEN01 and CEN02 types are resistance type lubricators.

CEN03 Type Single Phase Wiring Diagram



◆Application of Machines Equipment

- 1.It can be used for the machines requiring strictly rationing oil flow.
- 2.It is usually used for such as processing machines or projecting machines.

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CEN03	01	Resin	2 L	177	215	128	244	3.80
	02	Aluminum	2 L	200	218	145	235	5.10
	03	Resin	3 L	205	230	167	244	4.35
	04	Resin	4 L	250	277	162	264	4.95
	05	Aluminum	4 L	280	298	167	255	5.90
	08	Iron	8 L	338	355	190	280	8.65

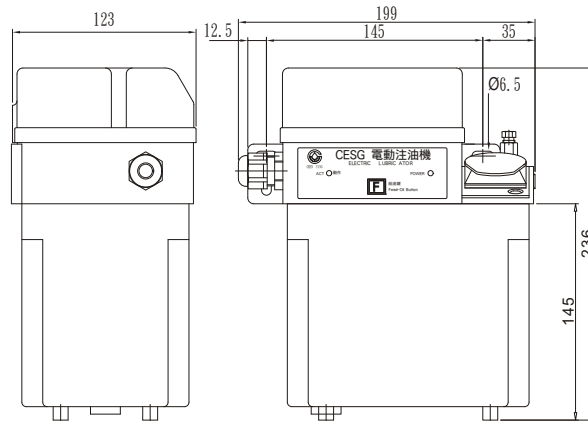
Model	Act Time	Interval Time	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CEN03	Control By PLC		30W	130 cc/min	15kgf/cm ²	110V 220V	2.5A 1A	60Hz or 50Hz	Ø4 or Ø6	32-68cSt@40℃

◆Order code :

CEN	03	01	C	3	※
Model	Tank Capacity (Material)	Voltage	Discharge Bore	Special Request	
03 : Pressure-Relief Type, Controlled by PLC	01 : 2L (Resin)	A : 110V,60Hz	0 : Ø4	※B : Add a Buzzer	
	02 : 2L (Aluminum)	B : 220V,50Hz	1 : Ø6		
	03 : 3L (Resin)	C : 220V,60Hz	2 : Ø4 (With Pressure Gauge)		
	04 : 4L (Resin)		3 : Ø6 (With Pressure Gauge)		
	05 : 4L (Aluminum)				
	08 : 8L (Iron)				



CESG-03 Pressure-Relief Type PLC Electric Lubricator

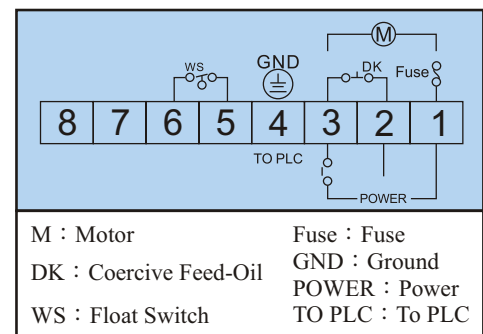


◆ Features

CESG01-03 Type Standards External

1. CESG-03 is Pressure-relief type electric lubricator, which can be operated by Programmable Logic Controller (PLC). Recommend to work with volume distributors.
2. The discharge volume is fixed. The lubrication points of volume distributor supply a fixed flow of oil.
3. CESG-03 type has a pressure switch device and been set up as 8 kg/cm², which assures the oil volume of lubrication point and check if the piping works normally. The standard specification is NC (Normal Close) contact, which means if the pressure is abnormal, it will have signal. NO (Normal Open) contact is on request.
4. It has a float switch that can detect the oil volume. When oil is lower than the minimum level, the float switch will automatically send a continuous signal.
5. It has a force feed-oil button (**[F]** button), slightly press the **[F]** button for three seconds and the oil will feed immediately.
6. Please don't press the force feed-oil button (**[F]** button) more than three minutes in order to avoid overloading. When the temperature reaches 100 °C, the sensor will be on to stop the motor continue running about 5 minutes.

CESG-03 Type Single Phase Wiring Diagram



◆ Application of Machines Equipment

It usually works with Processing or Projecting Machine or Lathes.

Model	Pressure-Relief Device	Act Time	Interval Time	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Pressure Switch	Oil Viscosity
CESG03	○	Controlled by PLC		30W	135cc/min	15kgf/cm ²	110V 220V	1.6A 0.6A	60HZ or 50HZ	Ø4 or Ø6	○	32-68cSt@40°C
Model	Tank Code	Tank Material		Capacity Liters	Fixed Hole Distance(mm)		Length (mm)	Width (mm)	Height (mm)	Weight(kg)		
CESG03	01	Resin		2 L	145		199	137	236	2.30		
	02	Aluminum		2 L	200		202	139	224	3.50		
	03	Resin		3 L	205		230	167	232	2.80		
	04	Resin		4 L	250		256	162	277	3.45		
	05	Aluminum		4 L	280		275	150	246	4.45		
	08	Iron		8 L	338		355	197	261	7.20		

◆ Order code :

CESG- 03

01

C

3

※

Model

03 : Resistance Type

Tank Capacity (Material)

01 : 2L (Resin)
02 : 2L (Aluminum)
03 : 3L (Resin)
04 : 4L (Resin)
05 : 4L (Aluminum)
08 : 8L (Iron)

Voltage

A : 110V,60HZ
B : 220V,50HZ
C : 220V,60HZ

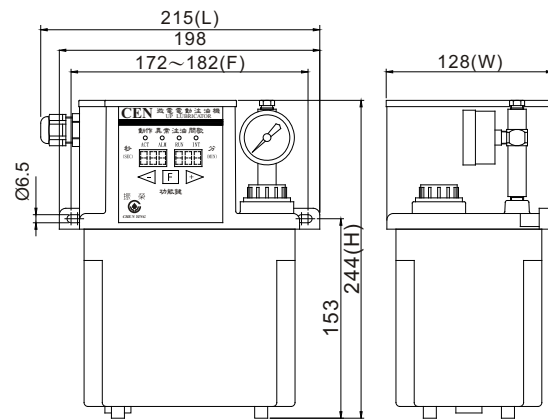
Discharge Bore

0 : Ø4
1 : Ø6
2 : Ø4 (With Pressure Gauge)
3 : Ø6 (With Pressure Gauge)

Special Request


※B : Add a buzzer

CEN04 Type Pressure-Relief Electric Lubricator



CEN04-01 Type Standards External

◆Features

- 1.CEN04 type has a timer, which controls the operation and interval time. It has operation, abnormal and interval indicators that is easy for visual checking.
- 2.Recommend to work with volume distributors. If works with CAB or CBB type volume distributor, it will feed oil during operation time. If works with CDB or T type volume distributor, it will feed oil during interval time.
- 3.The discharge volume is fixed. The lubrication points of volume distributor supply a fixed flow of oil.
- 4.It has a pressure switch device and been set up as 8kg/cm², which assures the oil volume of lubrication point and check if the piping works normally. The standard specification is NC (Normal Close) contact, which means if the pressure is abnormal, it will have signal.
- 5.It has a float switch (NC Contact) that can detect the oil volume. When oil is lower than the minimum level, the float switch will send continuous signal automatically and the buzzer will alarm.
- 6.It has a pressure gauge where an operator can check the pressure easily.
- 7.Please don't press the force feed-oil () button more than three minutes in order to avoid overloading.
When the temperature reaches 100°C, the sensor will be on to stop the motor continue running about 5 minutes.
- 8.Its function is similar to CEN03 type. The difference is CEN03 type is without timer and CEN04 type is controlled by a timer. CEN01 and CEN02 types are resistance type lubricators.

◆Application of Machines Equipment

- 1.It can be used for the machines requiring strictly rationing oil flow.
- 2.It is usually used for such as processing machines or projecting machines.

Model	Act Time	Interval Time	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CEN04	1-999sec	1-999sec 1-999min	30W	130 cc/min	15kgf/cm ²	110V 220V	2.5A 1A	60Hz or 50Hz	Ø4 or Ø6	32-68cSt@40°C

CEN04 Single Phase Wiring Diagram

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CEN04	01	Resin	2 L	177	215	128	244	4.00
	02	Aluminum	2 L	200	218	145	235	5.20
	03	Resin	3 L	205	230	167	244	4.60
	04	Resin	4 L	250	277	162	264	5.20
	05	Aluminum	4 L	280	298	167	255	6.15
	08	Iron	4 L	338	355	190	280	8.85

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

◆Order code :

Model	Tank Capacity(Material)	Time (Act x Interval)	Voltage	Discharge Bore	Special Request
CEN 04	01 : 2L (Resin)	1 : sec x sec	A : 110V,60Hz	0 : Ø4	
	02 : 2L (Aluminum)	2 : sec x min	B : 220V,50Hz	1 : Ø6	
	03 : 2.5L (Resin)		C : 220V,60Hz	2 : Ø4 (With Pressure Gauge)	
	04 : 4L (Resin)			3 : Ø6 (With Pressure Gauge)	
	05 : 4L (Aluminum)				
	08 : 8L (Iron)				

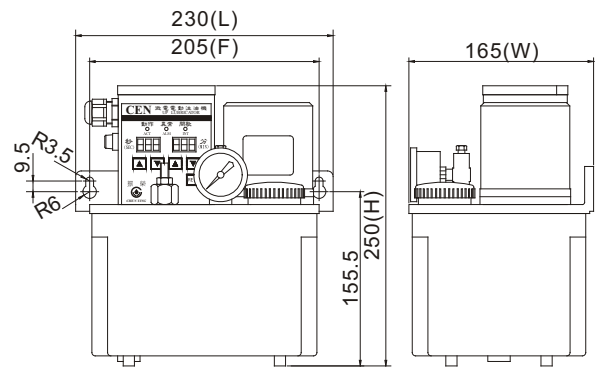


CENB Type Pressure-Relief Electric Lubricator



CENB-03
Type Standards

CENB-03
Type With Larger Buzzer



CENB-03
Type Standards Externals

◆ Features

1. CENB type has a timer, which controls the operation and interval time. It has operation, abnormal and interval indicators that is easy for visual checking.
2. Recommend to work with volume distributors. If works with CAB or CBB type volume distributor, it will feed oil during operation time. If works with CDB or T type volume distributor, it will feed oil during interval time.
3. Rationing oil feeding. The flow of oil of each output point of volume distributors is equal.
4. It has a pressure switch device and been set up as 8kg/cm², which assure the oil volume of lubrication point and check if the piping works normally. The standard specification is NC (Normal Close) contact, which means if the pressure is abnormal, it will have signal.
5. It has a float switch (NC Contact) that can detect the oil volume. When oil is lower than the minimum level, the float switch will send continuous signal automatically and the buzzer will alarm.
6. It has a pressure-regulating valve and pressure gauge, where an operator can adjust the pressure and check the pressure easily.
7. It has a reset button (RES button), press the button and it will start the cycle again.
8. A small buzzer is installed inside but also can add a large buzzer on request.

◆ Application of Machines Equipment

1. It can be used for the machines requiring strictly rationing oil flow.
2. It can be specially used for the machines requiring larger oil-output and larger pressure-output.
3. It is usually used for such as processing machines or projecting machines.

CENB Single Phase Wiring Diagram

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

Model	Act Time	Interval Time	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CENB	1-999sec	1-999min	25W	250 cc/min	20kgf/cm ²	110V 220V	0.5A 0.25A	50/60Hz	Ø4 or Ø6	32-68cSt@40°C
		or 1-999sec	60W	600 cc/min	30kgf/cm ²	110V 220V	1.2A 0.6A			

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CENB (25W)	03	Resin	3 L	205	230	165	250	5.40
	04	Resin	4 L	250	275	160	270	5.90
	05	Aluminum	4 L	280	298	165	260	6.75
	08	Iron	8 L	338	355	190	290	9.90
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CENB (60W)	05	Aluminum	4 L	280	298	165	310	7.80
	08	Iron	4 L	338	355	190	340	10.95

◆ Order code :

CEN	B	03	2	C	25	3	※
Model :	Tank Capacity(Material)	Time (Act x Interval)	Voltage	Motor	Discharge Bore	Special Request	
B : Pressure-Relief Type	03 : 3L (Resin)	1 : sec x sec	A : 110V	25 : 25W	0 : Ø4	※60 : 4L above metal tank could be assembled with 60W motor.	
	04 : 4L (Resin)	2 : sec x min	C : 220V		1 : Ø6	※90 : 4L above metal tank could be assembled with 90W motor.	
	05 : 4L (Aluminum)				2 : Ø4 (With Pressure Gauge)		
	08 : 8L (Iron)				3 : Ø6 (With Pressure Gauge)		
	12 : 12L (Iron)						
	16 : 16L (Iron)						
						※B : Add a larger buzzer	

CEAB Type Pressure-Relief Electric Lubricator



CEAB-05(25W)



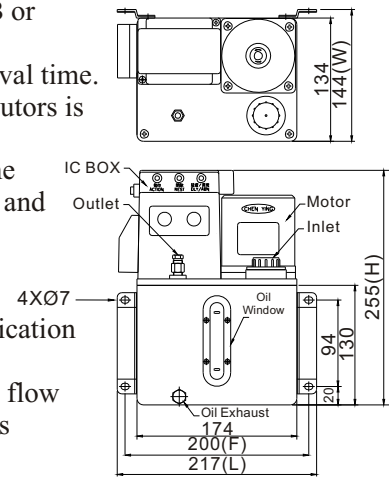
CEAB-05(60W)



CEAB-02

◆Features

- 1.CEAB type has a timer and the timer controls the operation and interval time. The electronic box has operation, abnormal and interval indicators.
- 2.CEAB type has to work with volume distributors. If it is operated with CAB or CBB type volume distributor, it will feed oil during operation time. If it is operated with CDB or T type volume distributor, it will feed oil during interval time.
- 3.Rationing oil feeding. The flow of oil of each output point of volume distributors is equal.
- 4.It has a float switch that can detect the oil volume. When oil is lower than the minimum level, the float switch will automatically send a continuous signal and the buzzer will alarm.
- 5.It has a feed-oil button, press the button and the oil will feed immediately.
- 6.It used a high quality alloy steel gear pump and induction motor that not only has steady output pressure and low noise, but also can assure each lubrication point with output of oil. It can be applied for large machines' request.
- 7.When CEAB assembles with 25W motor, the max pressure is 20 kg/cm², the flow rate is 250cc/min. And when assembles with 60W motor, the max pressure is 30 kg/cm², the flow rate is 600cc/min.
- 8.CEAB 4L has pressure-regulating valve and pressure gauge for adjusting the pressure and checking if the pressure is normal.

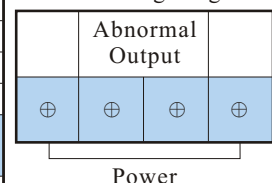
CEAB-02
Type Standards Externals

◆Application of Machines Equipment

- 1.It can be used for the machines requiring strictly rationing oil flow.
- 2.It can be specially used for the machines requiring large oil-output and large pressure-output.

Model	Act Time	Interval Time	Motor	Max Volume	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CEAB	3sec-3min	1-60min	25W	250cc/min	20kgf/cm ²	110V 220V	0.7A 0.25A	50/60Hz	Ø4 or Ø6	32-68cSt@40°C
		1-180min 1-360min	60W	600cc/min	30kgf/cm ²	110V 220V	1A 0.65A			

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CEAB (25W)	02	Aluminum	2 L	200	217	144	255	5.82
	04	Resin	4 L	250	269	184	276	5.65
	05	Aluminum	4 L	280	311	184	276	6.60
	08	Iron	8 L	338	355	189	295	9.81
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CEAB (60W)	05	Aluminum	4 L	280	298	165	310	7.65
	08	Iron	8 L	338	355	190	340	10.87

CEAB Single
Phase Wiring Diagram

◆Order code :

CE AB 02 060 C 25 1 ✱

Model : Tank Capacity(Material) Interval Voltage Motor Discharge Bore
 B : 02 : 2L (Aluminum) 060 : 60min A : 110V 25 : 25W 0 : Ø4
 Pressure- 04 : 4L (Resin) 180 : 180min C : 220V 1 : Ø6
 Relief 05 : 4L (Aluminum) 360 : 360min 2 : Ø4 (With Pressure Gauge)
 Type 08 : 8L (Iron) 3 : Ø6 (With Pressure Gauge)
 20 : 20L (Iron)

Special Request

✱60 : 4L above metal tank could be assembled with 60W motor.
 ✱90 : 4L above metal tank could be assembled with 90W motor.



CHEN YING

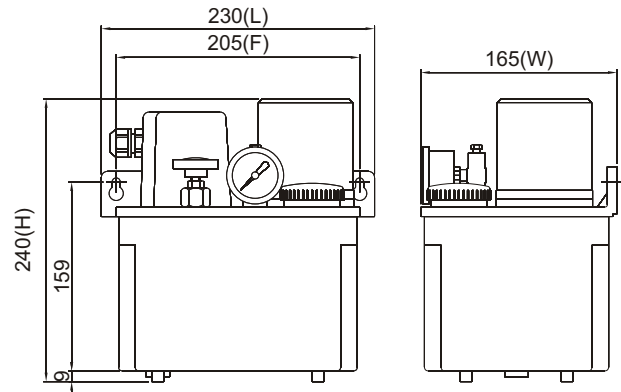
CEVB Type Pressure-Relief Electric Lubricator



CEVB-08

(60W - With pressure switch -
Feed-Oil Button and light)

CEVB-03



CEVB-03 Type Standards External

◆ Features

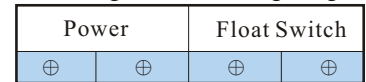
1. CEVB type is without timer (also could be controlled by Programmable Logic Controller) and has to work with volume distributors. If it is operated with CAB or CBB type volume distributor, it will feed oil during operation time. If it is operated with CDB or T type volume distributor, it will feed oil during interval time.
2. The discharge volume is fixed. Each output point of volume distributor has equal oil amount.
3. It has a pressure-regulating valve, which can adjust the pressure and easy to check from the pressure gauge.
4. It has a float switch that can detect the oil volume. When oil is lower than the minimum level, the float switch will automatically send a continuous signal and the buzzer will alarm.
5. It used a high quality alloy steel gear pump and induction motor that not only has steady output pressure and low noise, but also can assure each lubrication point with output of oil. It can be applied for large machines' request.
6. It can be added a pressure switch, power indicator and force feed-oil button for tank capacity 3 liters and above.
7. CEVB series of products include CEVB02, CEVB03, CEVB04, CEVB05, CEVB08.

The accessories for each model are different. Please look at the specification for further details.

◆ Application of Machines Equipment

1. It can be used for the machines requiring strictly rationing oil flow.
2. It can be specially used for the machines requiring large oil-output and large pressure-output.
3. It is usually used for such as processing machines or projecting machines.

CEVB Single Phase Wiring Diagram

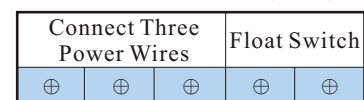


PS. If there are special requests, please refer to the special wiring diagram inside the lubricator.

Model	Motor	Max Volume	Max Pressure	Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity
CEVB	25W	250 cc/min	20kgf/cm ²	1Ø 110V 1Ø 220V 3Ø Optional	0.7A 0.2A 0.3A	50/60Hz	Ø4 or Ø6	32-68cSt@40°C
	60W	600 cc/min	30kgf/cm ²	1Ø 110V 1Ø 220V 3Ø Optional	1A 0.65A 0.35A			

Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CEVB (25W)	02	Aluminum	2 L	200	217	161	228	5.75
	03	Resin	3 L	205	230	165	240	5.05
	04	Resin	4 L	250	280	165	260	5.65
	05	Aluminum	4 L	280	298	165	255	6.60
	08	Iron	8 L	338	355	190	275	9.30
Model	Tank Code	Tank Material	Capacity Liters	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
CEVB (60W)	05	Aluminum	4 L	280	298	165	310	7.65
	08	Iron	8 L	338	355	190	340	10.40

CEVB Three Phase Wiring Diagram



While connecting wires, please notice that if the motor rotate anti-clockwise (see the red spot of spindle). If the motor rotate clockwise, please change positions of two power wires, then try again.

◆ Order code :

Model :	Tank Capacity(Material)	Voltage	Motor	Discharge Bore	Special Request
Pressure-Relief Type	02 : 2L (Aluminum)	A : 1Ø110V	25 : 25W	0 : Ø 4	※F : Add a Feed-Oil Button
	03 : 3L (Resin)	C : 1Ø 220V	60 : 60W	1 : Ø 6	※P : Add a Pressure Switch
	04 : 4L (Resin)	D : 3Ø 220/380V		2 : Ø 4 (With Pressure Gauge)	※L : Add a light
	05 : 4L (Aluminum)	E : 3Ø 220/440V		3 : Ø 6 (With Pressure Gauge)	※60 : 4L above metal tank could be assembled with 60W motor.
	08 : 8L (Iron)	F : 3Ø 208/15V			※90 : 4L above metal tank could be assembled with 90W motor.
	20 : 20L (Iron)	G : 3Ø 230/460V			
		H : 3Ø 240/480V			
		X : Special Voltage			

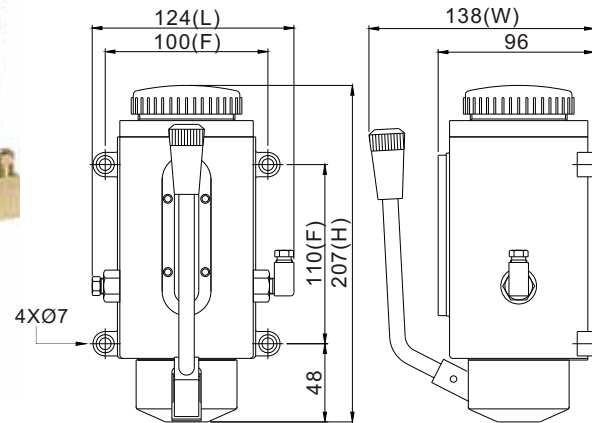
CLAB Type Pressure-Relief Manual Lubricator



CLAB-6



CLAB-8



CLAB-8 Type Standards Externals

◆Features

- 1.CLAB is the only one manual type of pressure-relief type lubricators. It has to work with volume distributors.
- 2.The discharge volume of oil is fixed.
- 3.CLAB type is low cost, and high practicality.
- 4.Easy to be operated by pushing the handle down for oil feeding.
- 5.Small size and easy to install.
- 6.It is divided by the volume of container CLAB-6 (350cc) and CLAB-8 (600cc).
- 7.The unit is equipped with reverse stopper that prevents the back-flow of oil.
- 8.It has an oil outlet on left or right side of the unit. A dual outlet (left and right sides) is also available.

◆Application of Machines Equipment

- 1.It is suitable for the machinery needs to feed fixed discharge volume of oil but without setting timer.
- 2.It is suitable for the machinery that does not need to feed oil at certain time.

Model	Max Volume	Max Pressure	Capacity	Discharge Bore	Discharge Bore Num.	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Oil Viscosity	Weight (kg)
CLAB-6	8cc	15kgf/cm ²	350cc	Ø4	1	85,85	112	134	188	32-68cSt@40°C	1.23
					2						1.24
				Ø6	1						1.24
					2						1.25
CLAB-8	8cc	15kgf/cm ²	600cc	Ø4	1	100,110	124	138	207		1.48
					2						1.50
				Ø6	1						1.49
					2						1.52

◆Order code :

CLAB	6	R	H	1	※
Model : Pressure-Relief Type	Tank Capacity 6 : 350cc 8 : 600cc	L : Left Hand Outlet R : Right Hand Outlet D : Dual Outlet	Outlet Connector H : Elbow Adapter D : Straight Adapter B : Block	Discharge Bore 0 : Ø 4 1 : Ø 6	Special Request