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V.A

使用说明书

GET 电动油脂润滑泵

集中润滑给油装置

CENTRALIZED LUBRICATION DEVICE

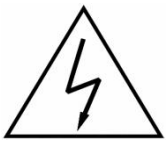
专注减摩增效，成就客户核心竞争力

宝腾智能润滑技术(东莞)有限公司

BAOTN INTELLIGENT LUBRICATION TECHNOLOGY (DONGGUAN) CO.,LTD.

Table of Contents

I.Safety Tips

The following symbols are reminders for safe use of the product	
	Please read the product instruction manual carefully before operation. Improper operation may cause product damage and personal injury.
	Please cut off the power supply before product inspection and maintenance.
	Make sure the product's shell is properly grounded when wiring, otherwise it may cause serious damage to the product.
	warning sign

II.Statement

All components are produced in accordance with the rules of labor safety and accident prevention. It is still possible to cause danger during use, causing damage to the user or third parties and property. Therefore, the product should be used in strict accordance with the operation manual. Problems that usually cause safety failures should be eliminated immediately.

+ Disclaimer of Liability

BAOTN is not responsible for damage caused by:

Lack of lubricant

Use solid lubricants or inappropriate lubricants

Not in accordance with normal use

Installation or connection error

For troubleshooting incorrect operations

+ Authorized installation technician

Only qualified engineers can install, operate, maintain and repair this product. Qualified engineers refer to personnel who have been trained and designated or appointed by the equipment user. Such personnel have received training, have experience, and are familiar with relevant standards, rules, accident prevention, troubleshooting and operating conditions.

+ transport storage

There are no restrictions on road transport, air transport, and sea transport

+ environmental protection

Oils and greases are hazardous to land and water, so special safety rules must be followed during storage, handling, and transportation.

III. Overview

The GET series centralized lubrication system is a new generation of centralized lubrication system designed, developed and manufactured by BAOTN Intelligent Lubrication Technology (Dongguan) Co., Ltd. for various large and medium-sized machinery. It is suitable for wind power, electric power, mining, metallurgy, machine tools, textiles, food, oil fields, ports, commercial vehicles, construction machinery, heavy machinery and equipment and other industries to ensure the lubrication performance of various mechanical products and extend the service life and accuracy of mechanical equipment.

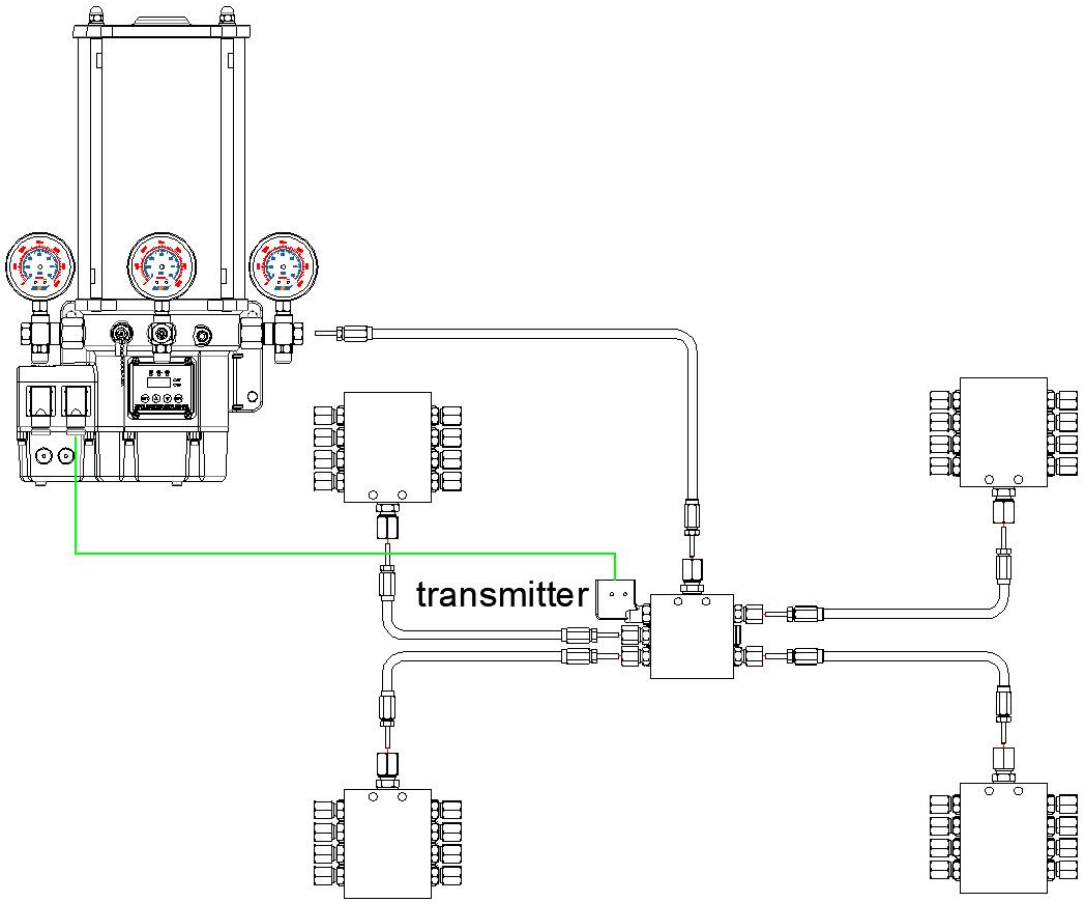
This system supplies oil to all necessary lubricating parts of the equipment on demand through a complete set of oil supply systems. It can reduce friction resistance, reduce contact wear, and lower the temperature of the friction surface. It also plays a certain role in rust prevention, shock absorption, and sealing assistance.

The GET series lubrication system has a variety of parameters to choose from in terms of volume and voltage to meet actual working conditions (voltages include DC12V, DC24V, AC220V , AC110V), (volumes include 1.5L, 2L, 4L, 6L, and 8L). It is equipped with multiple oil outlets and can configure lubrication pump units (oil outlet up to 3)

according to actual needs. Choose a low oil level transmitter and connect it to the host computer system to realize the integration of intermittent, lubrication and alarm.

The applicable medium of this system is mineral oil below NLGI000~2 and above 40cSt, and the operating environment temperature is between -40℃~+70℃.

IV. System structure and working principle



(I) Progressive centralized lubrication system

The progressive centralized lubrication system is a centralized grease supply device based on the principle of sequential action. The system consists of a lubrication pump, a progressive distributor, a control system, pipelines and accessories. The grease output by the lubrication pump is transported to the first-level distributor through the main oil pipe, and then the subsequent distributors are driven in sequence, and the grease is alternately and quantitatively supplied to each lubrication point in a preset sequence. Its core is to use pressure grease to drive the piston in the distributor to move sequentially to achieve alternating and precise distribution of grease.

(II) Working principle

The system runs automatically according to preset cycles. When the intermittent period ends, the controller starts the lubrication pump, and the pressure grease is transported to the progressive distributor through the main oil pipe. The piston group inside the distributor produces a chain-type progressive motion under the pressure of the grease, distributing the grease to each lubrication point one by one and quantitatively. A sensor installed on the distributor (usually monitoring piston movement) feeds back the movement signal to the controller in real time. When it is monitored that the complete distribution cycle is completed, that is, all points have been supplied with oil once, the controller instructs the lubrication pump to stop working, complete a lubrication cycle and record it, and the system will then enter the next intermittent waiting stage.

(III) System composition

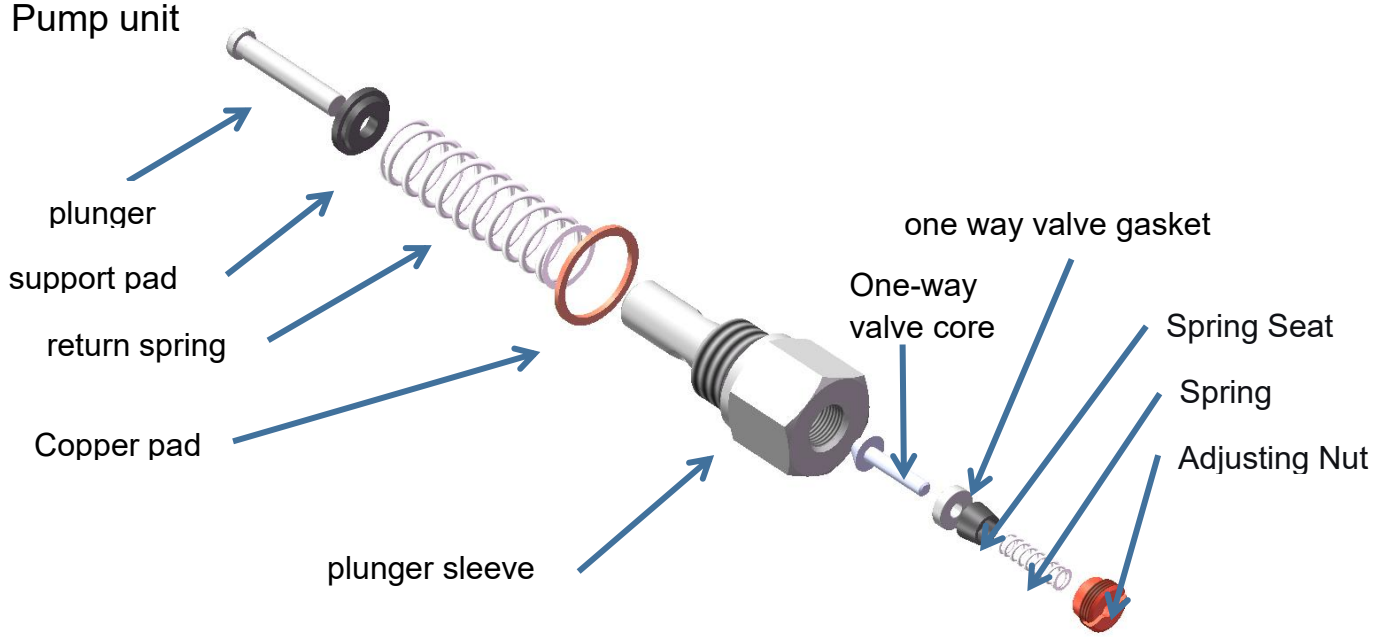
It consists of lubrication pump, progressive distributor, sensor (optional), pipeline and accessories.

1.Lubrication pump

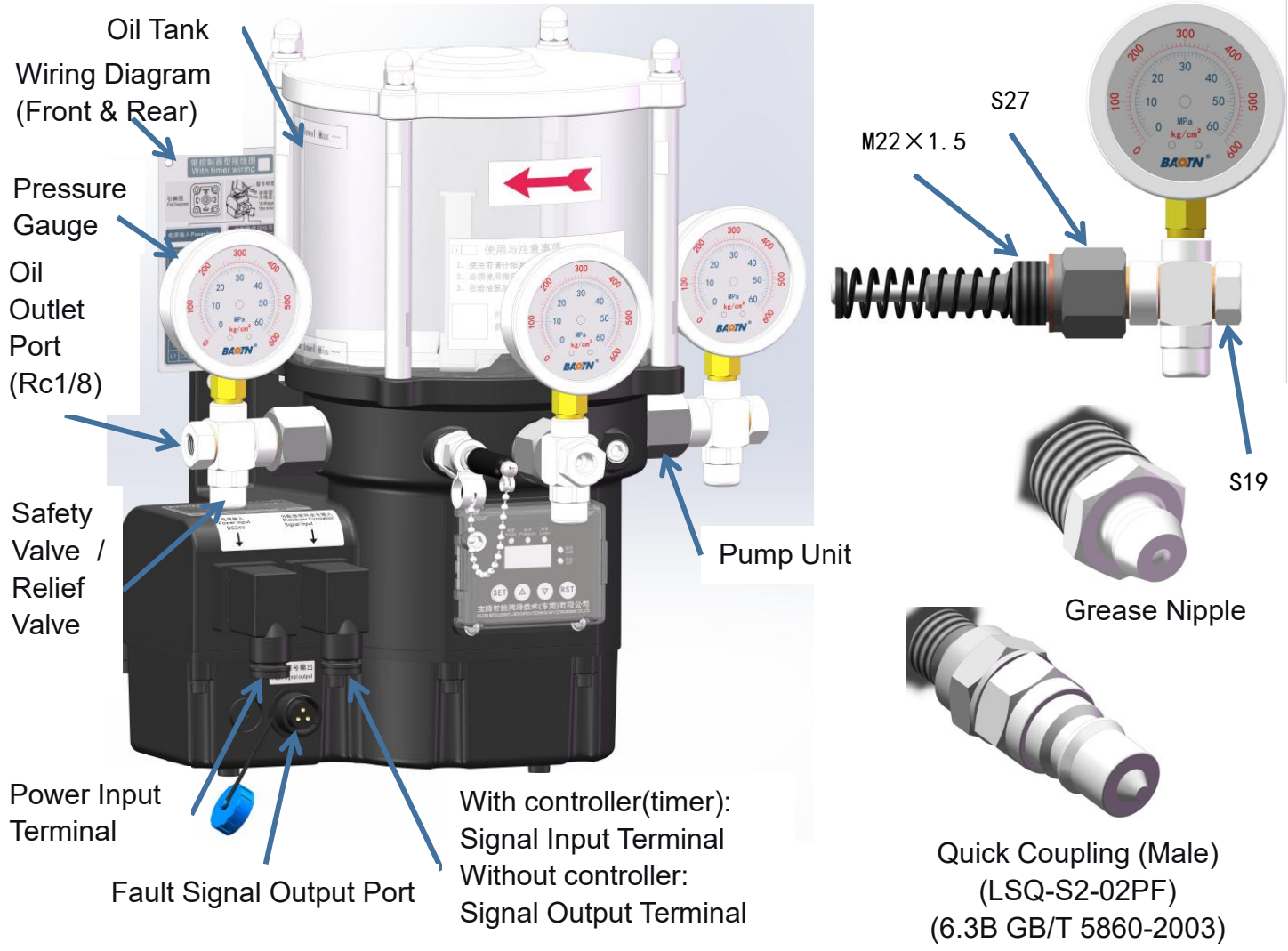
GET series high-pressure lubrication pump is suitable for centralized lubrication of various equipment. The structure can be designated as stirrer type.

Stirrer-type structural lubrication pump: A stirrer is installed in the oil tank. When the motor is running, the stirrer cuts the grease, moves downward under the action of gravity, and sends it to the plunger suction port through the scraper.

(1) Pump unit



(2)Product Drawing



2.Progressive Distributor

The progressive distributor supplies oil to each lubrication point sequentially through the action of its plungers. The integrated cycle indicator rod（R type indicator） allows observation of the entire distributor's operation. M/D1/D2 type sensors can be installed to monitor its status. An alarm is triggered in case of blockage. Depending on the application, multiple oil outlets can be combined to combine the oil output volume at a single lubrication point.

(1)GPC progressive distributor

GPC - □/□□-□-□/□□

Actual number of oil outlets

Standard number of oil outlets

Outlet Connection Type

1	Ferrules
2	Quick connect(Snap-In)

Outlet pipe diameter

4	Connected to Φ6pipe
6	Connected to Φ6pipe

Form of oil inlet

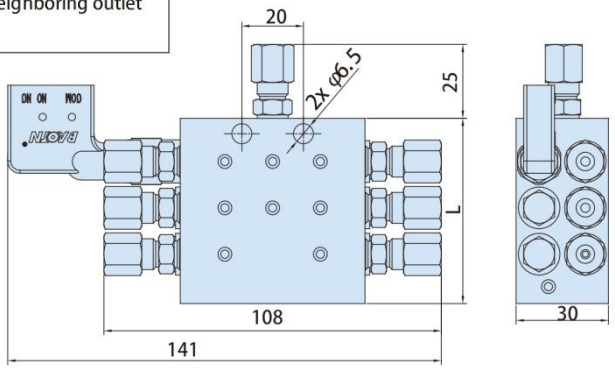
0	No connector, M10×1 thread
6	Φ6 tube, ferrule type straight-through fitting
8	Φ8 tube, ferrule type straight-through fitting
10	Φ10 tube, ferrule type straight-through fitting

Cycle switch mode(Cycle indicator)

Blank	Without piston indicator
R	With Mechanical Cycle Indicator Bar
M	With microswitch type cycle indicator
D1	With electronic cycling switch indicator (PNP)
D2	With electronic cycling switch indicator (NPN)

Oil delivery method

Y	Normal oil discharge (with outlet fitting)
B	Combined with neighboring outlet (with B plug)



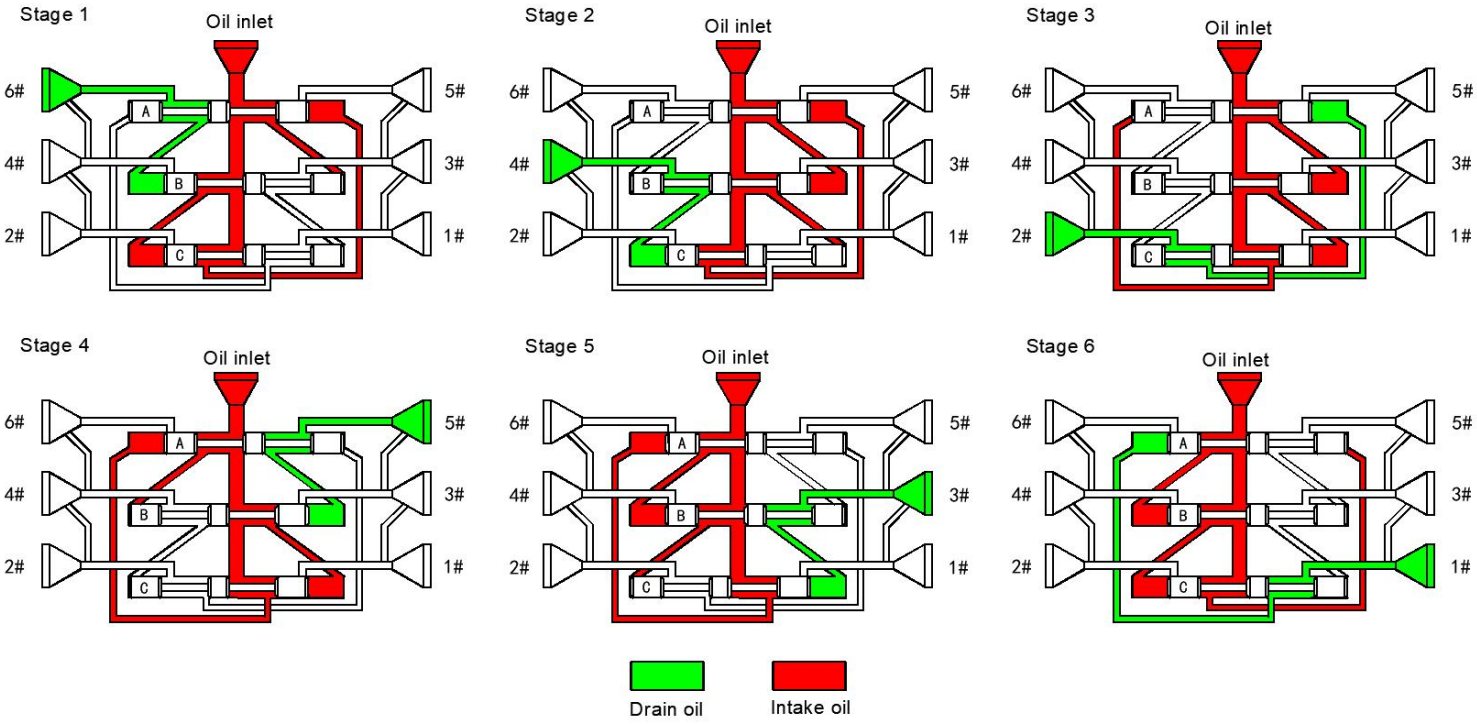
Basic parameters:

Maximum pressure: 35MPa;

Displacement (mL/cy): 0.2;

Working temperature: -40℃～+70℃;

Grease used: NLGI 000-2.



(2)GPE progressive distributor

GPE - □/□□-□-□-□/□□

Actual number of oil outlets

Standard number of oil outlets

Outlet Connection Type

1	Ferrules
2	Quick connect(Snap-In)

Outlet pipe diameter

4	Connected to Φ6pipe
6	Connected to Φ6pipe

Form of oil inlet

0	No connector, M10×1 thread
6	Φ6 tube, ferrule type straight-through fitting
8	Φ8 tube, ferrule type straight-through fitting
10	Φ10 tube, ferrule type straight-through fitting

Cycle switch mode(Cycle indicator)

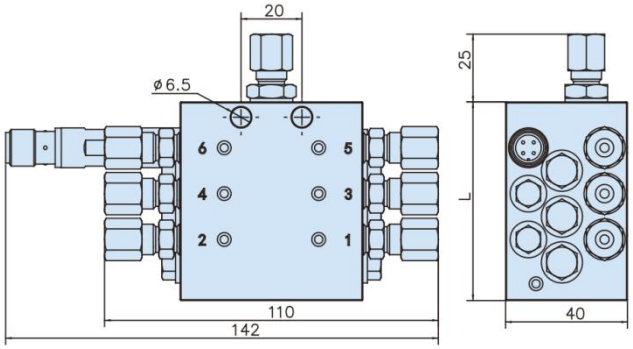
Blank	Without piston indicator
R	With Mechanical Cycle Indicator Bar
M	With microswitch type cycle indicator
D1	With electronic cycling switch indicator (PNP)
D2	With electronic cycling switch indicator (NPN)

Quantitative plug installation method

A	Oil Supply: 0.08mL/cy
B	Oil Supply: 0.16mL/cy
C	Oil Supply: 0.24mL/cy
D	Oil Supply: 0.32mL/cy
E	Oil Supply: 0.40mL/cy
F	Oil Supply: 0.48mL/cy
G	Oil Supply: 0.56mL/cy
H	Oil Supply: 0.80mL/cy
I	Oil Supply: 1.20mL/cy
J	Oil Supply: 1.60mL/cy

Oil delivery method

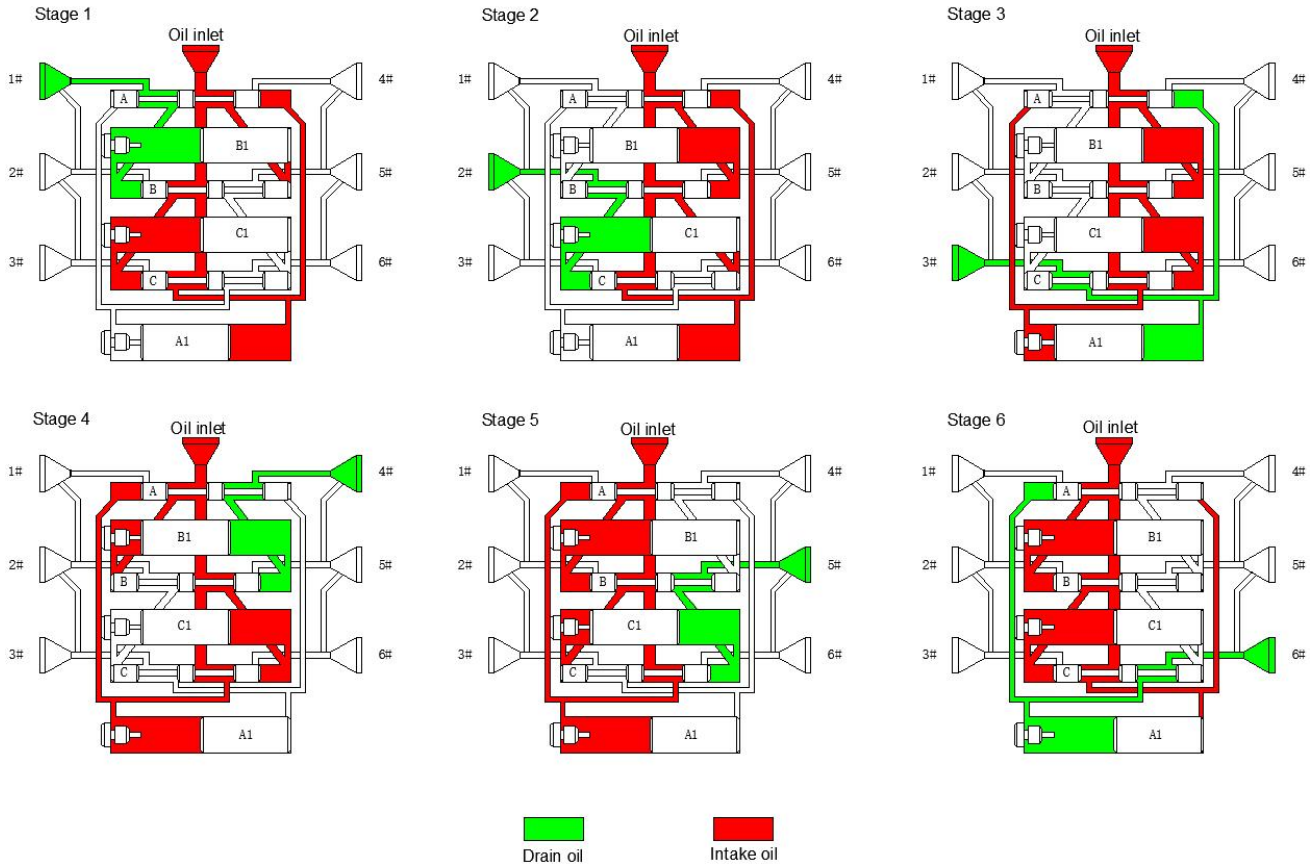
Y	Normal oil discharge (with outlet fitting)
A	Combined discharge with opposite outlet (with A plug)
B	Combined with neighboring outlet (with B plug)



Basic parameters:

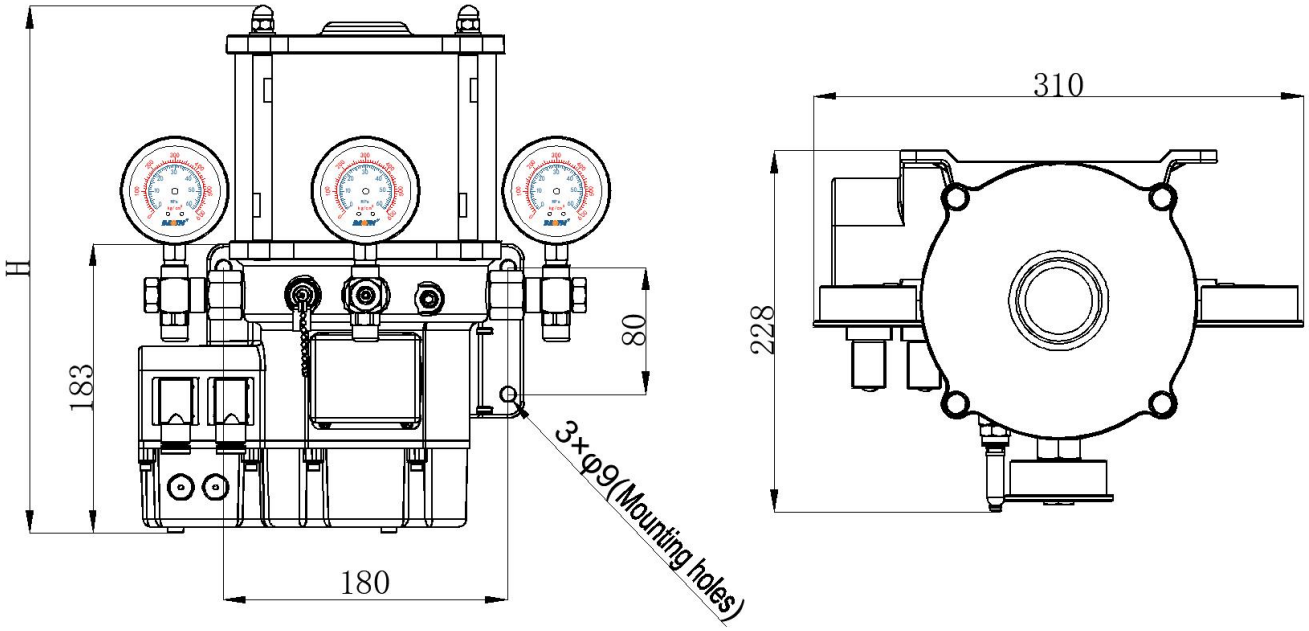
Maximum pressure:35MPa; Displacement (mL/cy): 0.2; Working temperature: -40℃～+70℃;

Applicable Grease: NLGI 000-2.



Ⅴ. Dimensions and wiring diagram

(Ⅰ) Lubrication pump installation dimensions diagram



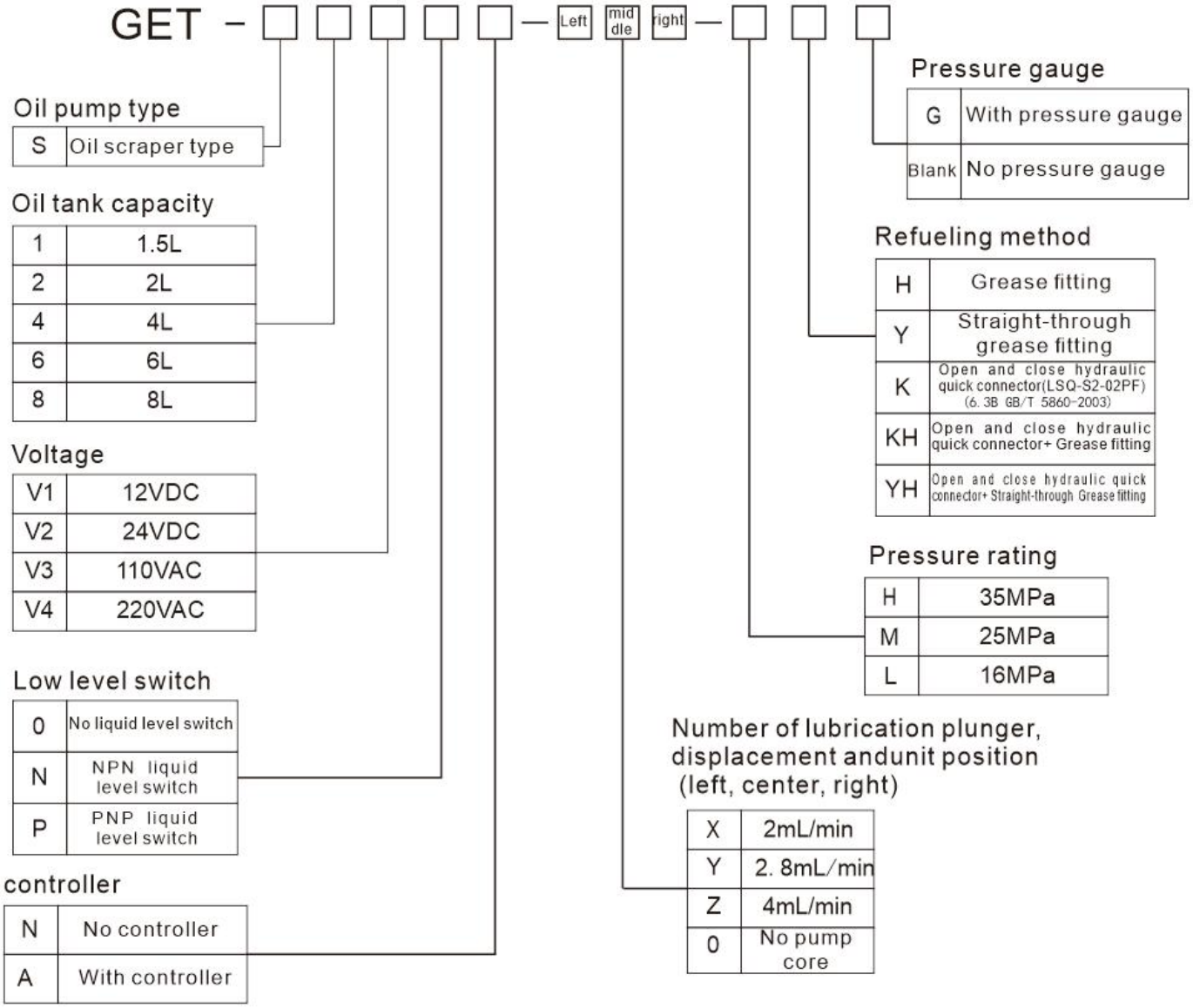
Fuel tank volume	1.5L	2L	4L	6L	8L
Total height H (mm)	333.5	368.5	474.5	584.5	690.5

(Ⅱ) Performance parameters

Technical parameters		Remark
Oil tank capacity	1.5L/2L/4L/6L/8L	
Applicable grease	NLGI 000～2	
working temperature	-40℃到+70℃(Grease fluidity should meet pumping requirements)	
Power supply method	DC12V	
	DC24V	
	AC110V(50/60Hz)	
	AC220V～230V(50/60Hz)	
	AC380V(50/60Hz)	
Control method	Automatic control/external PLC control	
protection function	Self-controlled undercurrent and overcurrent protection (current)	
	safety valve	
PLC model control function	Liquid level signal output	
	Time operation control (operation control based on power-on time)	
Nominal pressure	16MPa/25MPa/35MPa	Calibrated at the factory

Nominal displacement	（Load 22 turns）2mL/min 2.8mL/min 4mL/min	Each oil outlet can be configured with different displacements
Protection level	IP65	
Oil outlet thread	Rc1/8	

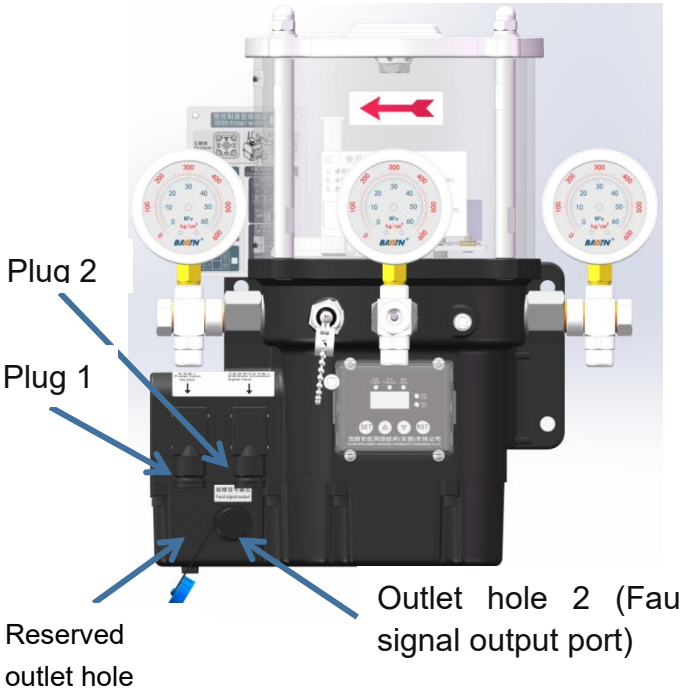
(III) Selection



(VI) Lubricating pump wiring port

1.The first plug 1 on the left side of the standard model is the power input terminal, and the second plug is the hydraulic pressure signal input or liquid level signal output terminal. The outlet hole 2 serves as the fault signal output terminal.

2.For customized requirements, CAN communication can be routed from the reserved outlet hole 1, The wire harness has wire number markings. Connect the wires according to the wire harness markings.



Wiring Precautions:

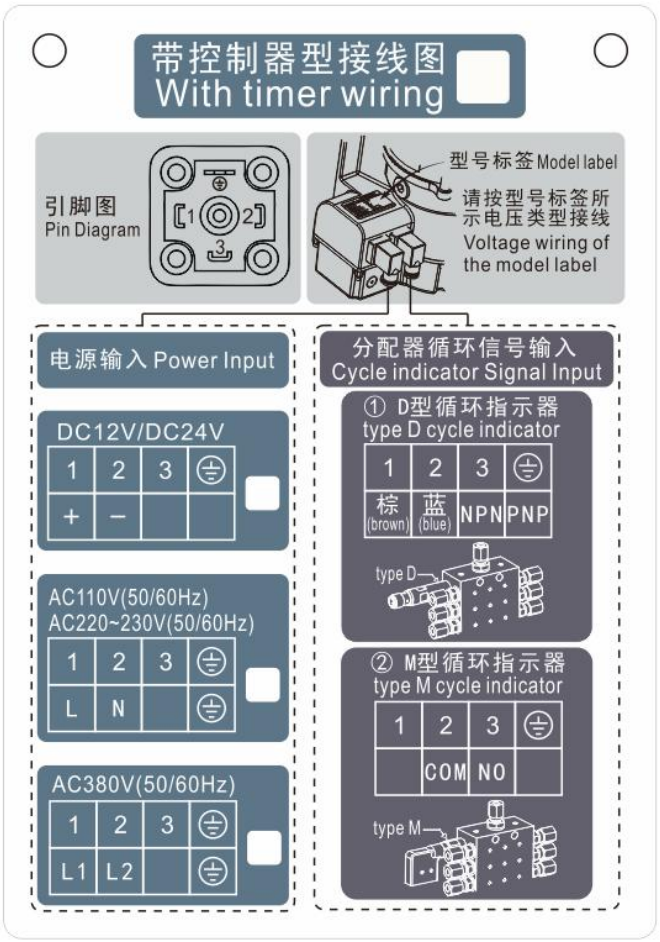
Connector Wiring: Only round cables with an outer diameter of **6–8 mm** should be used for plug connections. The opposite end of the cable harness must be kept away from water.

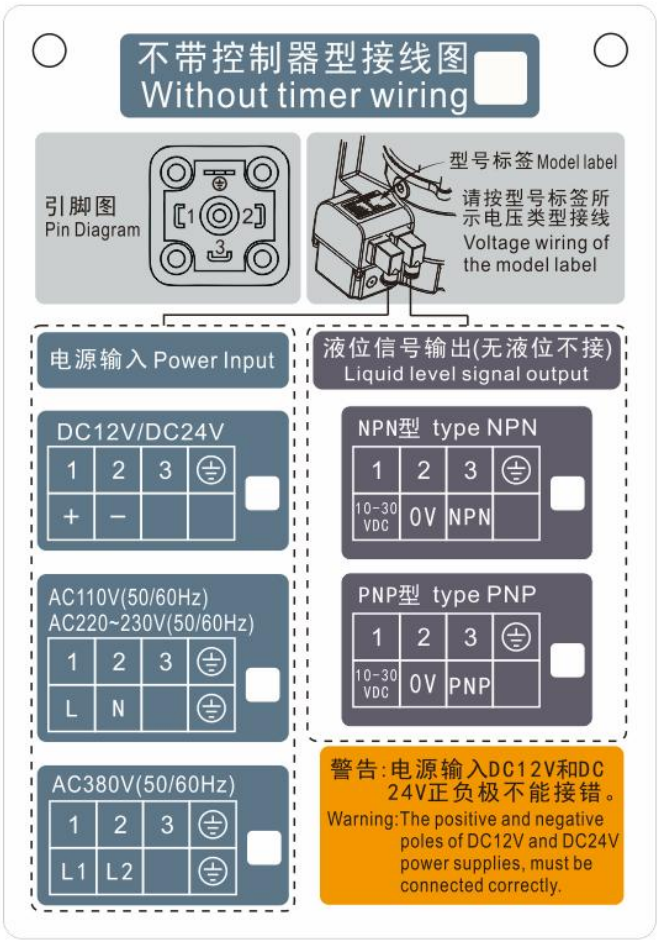
Shared Ground/Signal Line: Due to insufficient ports on the plug, the ground wire is also designated as a signal line. Please connect the wires as indicated in the circuit diagram below.

Power Supply Connection: Ensure the device is connected to the correct voltage before powering on. The device will operate normally once power is connected.

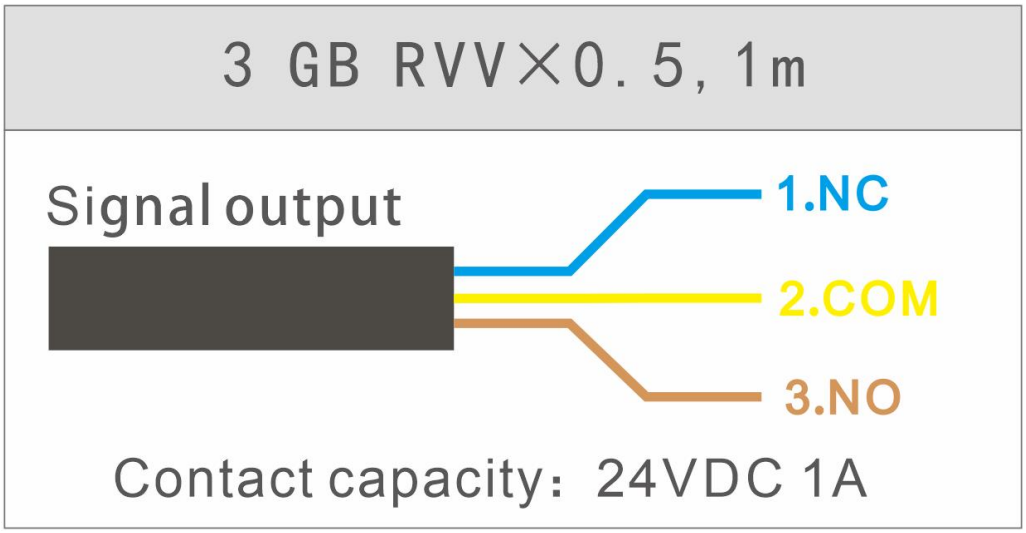
3.Wiring Diagram

3.1 Plug indication wiring diagram





3.2 Fault signal output wiring diagram

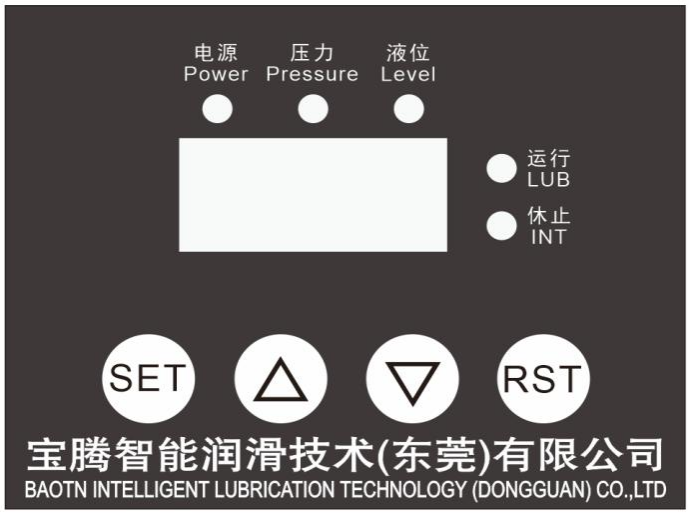


Ⅵ. Controller(Timer) Operation Instructions

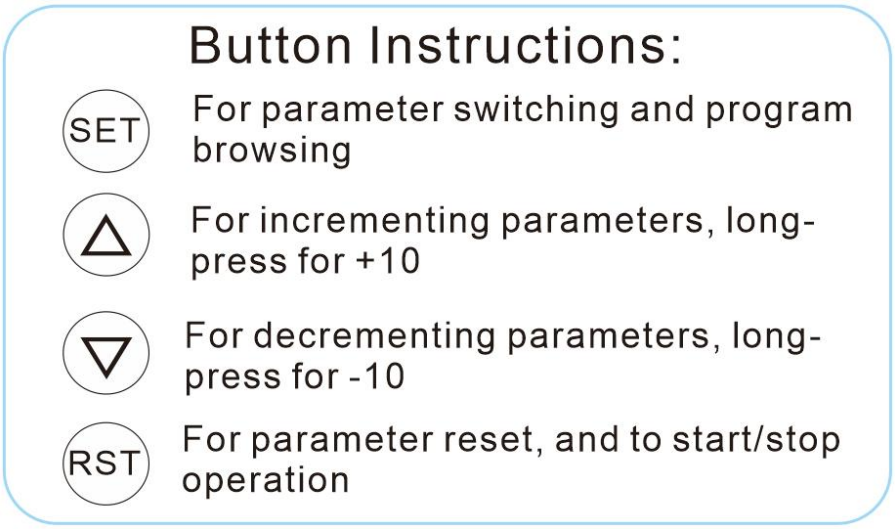
(I) Panel Display Description

The display window features a three-digit digital tube, used to show system operation status and programming information. The remaining five LEDs are:Power Fault Indicator(Power) ;Pressure Fault Indicator(Pressure);Low Liquid Level Fault Indicator(Level); Normal Operation Indicator(LUB) ;Normal Intermittent Indicator（INT）.

All indicators illuminate in red when active. Corresponding fault indicators remain off when no fault is present. The operation and intermittent indicators illuminating red according to the set timings indicates normal status.



(II) Function Description of Keys on the Control Panel



(III) Description of Control Modes (Operating Mode P0):

Users should select the control mode corresponding to the configured lubrication system. Alternative control modes should only be chosen by personnel thoroughly familiar with the lubrication system's operating process or under the guidance of professional staff. The following provides detailed descriptions of the Time Mode and Count Mode. For details on other operating modes, please contact us! Access Method: Press and hold both the "SET" key and the "▲" key for two seconds to enter the P0 setting interface.

1. Time Operation Mode (P0=00):

The lubrication system operates in a cyclic manner based on the lubrication time (0–99 minutes / 10–59 seconds) and intermittent(Pause) time (0–999 hours / 1–59 minutes) preset in the controller.

2. Count Mode (P0=01):

The oil supply process of the lubrication system is controlled by the cycle indicator switch installed on the distributor. After the lubrication pump starts and runs for the number of cycles set in the controller, if the system operates normally, each outlet of the dispenser lubricates sequentially. Upon completion of one lubrication cycle, its cycle switch sends a signal once, and the controller counts once. When the number of lubrication cycles reaches the set value in the controller, the controller stops output and enters the intermittent time countdown.If a fault occurs in the lubrication system (such as blockage, leakage, pump damage, etc.),causing the action time of any cycle switch to be extended to the alarm time set internally by the controller (i.e., exceeding the set lubrication time P3 value), the controller will issue a lubrication fault alarm signal. The digital tube will display the alarm code Er1 and flash, and the pressure fault indicator will light up.

3.Pressure Holding Mode (P0=02)

4. Liquid Level Count Mode (Not used as an operational mode) (P0=03)

5. Overpressure Mode (P0=04)

(IV) Description of Main Parameters

1. Rest Time Setting:

P1H:Intermittent time in hours; range 0–999 hours.

P1L: Intermittent time in minutes; range 1–59 minutes.

2. Cycle Count Setting:

P2: Number of cycles; range 0–99 times.

3. Lubrication Time Setting:

P3H: Lubrication time in minutes; range 0–99 minutes.

P3L: Lubrication time in seconds; range 10–59 seconds.

(V) Factory Default Settings:

Operating Mode (P0=1):Count Mode.
Intermittent Time (P1H=1):1 hour.
Cycle Count (P2=1):1 time.
Lubrication Time (P3H=1):1 minute.

(VI) Operating Instructions:

1. Power On:

Upon initial power-on, confirm that the indicator lights on the control board illuminate normally. Press the "RST" key to start or stop the lubrication pump.

2. Parameter Setting:

First, ensure the Intermittent Indicator on the control panel is on. Parameter setting can only be entered in this state.

(1) If using Count Mode, follow these steps:

① Step 1: Press and hold the "SET" key for 2 seconds to enter P1H setting. The display shows 001 (indicating 1 hour of rest). Adjust according to actual needs.

② Step 2: Press the "SET" key once to enter P1L setting. The display shows 00 (indicating 0 minutes of intermittent). Adjust according to actual needs.

③ Step 3: Press the "SET" key once to enter P2 setting. The display shows 01 (indicating 1 count

cycle). Adjust according to actual needs.

④ Step 4: Press the "SET" key once to enter P3H setting. The display shows 001 (indicating 1 minute of lubrication). Adjust according to actual needs.

⑤ Step 5: Press the "SET" key once to enter P3L setting. The display shows 00 (indicating 00 seconds of lubrication). Adjust according to actual needs.

⑥ Step 6: Press the "SET" key once more to save all settings successfully.

(2) If using Time Mode, follow these steps:

① Step 1: Simultaneously press and hold the "SET" key and the "△" key for 2 seconds to enter the P0 setting. The display shows 01 (indicating the current mode is Count Mode). Change this to 00.

② Step 2: Press the "SET" key to proceed to the P1H setting. The display shows 001 (indicating 1 hour of intermittent). Adjust according to actual requirements.

③ Step 3: Press the "SET" key once to enter the P1L setting. The display shows 00 (indicating 0 minutes of intermittent). Adjust according to actual requirements.

④ Step 4: Press the "SET" key once to enter the P2 setting. The display shows 01 (indicating 1 count cycle). Change this to 00.

⑤ Step 5: Press the "SET" key once to enter the P3H setting. The display shows 001 (indicating 1 minute of lubrication). Adjust according to actual requirements.

⑥ Step 6: Briefly press the "SET" key once to enter the P3L setting. The display shows 00 (indicating 0 seconds of lubrication). Adjust according to actual requirements.

⑦ Step 7: Press the "SET" key once more to successfully save all settings.

Note:

1.If the current settings are complete and no further parameter adjustments are needed, press and hold the "SET" key for 2 seconds to save successfully. The interval for setting each parameter is 60 seconds; otherwise, the system will exit the setup mode without saving.

2.If the current operating mode meets requirements and only adjustments to intermittent time, lubrication time, or cycle count are needed, directly press and hold the "SET" key for 2 seconds to enter the settings menu.

(Ⅶ) Alarms:

When the controller is in any alarm state, the internal fault relay activates and output stops.

1. Abnormal Alarms

(1) Er1 Alarm Code (Distributor Blockage Signal Alarm)

In Time Operation Mode, Count Mode, or Liquid Level Count Mode, if the detected number of oil pressure pulses is less than the value set by parameter P2, the digital tube displays and flashes Er1.

(2) Er2 Alarm Code (Low Oil Level Alarm)

In Time Operation Mode, Count Mode, Pressure Holding Mode, or Overpressure Mode, if the detected number of low oil level pulses equals the value set by parameter P6, the digital tube displays and flashes Er2.

(3) Er3 Alarm Code (Motor Not Properly Energized or Controller Power Supply Fault)

DC24V Controller / DC12V Controller, motor current is less than 0.2A, it indicates an undercurrent fault. The digital tube displays and flashes Er3.

(4) Er4 Alarm Code (Motor Overcurrent Alarm)

① DC24V Controller

If the motor current exceeds 5A, it indicates an overcurrent fault. The digital tube displays and flashes Er4.

② DC12V Controller

If the motor current exceeds 7A, it indicates an overcurrent fault. The digital tube displays and flashes Er4.

VII、Installation and Precautions

(I) Pre-Installation Preparation

1. Site and Environment:

(1) Select a location that is clean, dry, well-ventilated, and facilitates easy daily inspection, maintenance, and refilling.

(2) The ambient temperature should be within the operating temperature range of the grease (or lubricating oil), avoiding extreme high or low temperatures. Avoid installation in areas with excessive dust, metal debris, corrosive gases, or severe vibration.

2. Foundation and Mounting:

(1) Ensure the installation base is sturdy and level, capable of supporting the weight of the lubrication

pump and the vibration during operation.

(2) Use appropriate bolts to securely and vertically fasten the pump body to the base or equipment frame, preventing movement during operation.

3. Lubricant Inspection:

(1) Use only the grease or lubricating oil type and viscosity grade recommended by the pump manufacturer.

(2) Check the lubricant for cleanliness, ensuring it is free of impurities and hardening. Even new grease should be filtered before filling. Mixing different brands or types of grease is strictly prohibited.

4. Component Inspection:

(1) After unpacking, verify all components (lubrication pump, pipelines, distributors, fittings) against the packing list for completeness and any transport damage.

(2) Confirm that the motor voltage and frequency match the on-site power supply.

(II) Piping Connections

1.Outlet Piping

(1) The main line from the pump outlet to the first progressive distributor shall be kept as short and straight as practicable; its inside diameter shall not be less than the pump outlet size.

(2) Use qualified high-pressure lubrication piping (e.g., high-pressure resin hose) and fittings rated well above the pump's maximum working pressure.

(3) Apply suitable sealing material (e.g., PTFE tape, thread sealant) to all threaded joints; tighten securely while avoiding excessive torque that could damage the threads.

(III) Progressive Distributor & Piping Installation

1.Distributor Mounting

(1) Mount the distributor as close as practicable to the lube points on a rigid section of the machine.

(2) Ensure the cycle indicator pin is fully visible for quick inspection.

(3) Connect inlet, outlet and ports strictly in the sequence shown on the manufacturer's label; the fixed metering order of a progressive distributor means one mis-connection will shut down the entire system.

2. Branch-Line Connection

(1) Use high-pressure hose or tube from each distributor outlet to its respective lube point.

(2) Route lines to eliminate dead bends, twisting or interference with moving parts; secure with clips where necessary.

(3) Keep the internal of tube absolutely clean—blow through with dry compressed air before fitting.

(IV) Electrical Wiring & Safety Devices

1. Motor / Controller Wiring

(1) Licensed electrician only; wire strictly to the electrical drawing and provide a solid protective-earth (PE) connection.

(2) Fit a dedicated breaker or fuse in the supply line.

2. Cable Protection

(1) Run all wires inside conduit or flexible conduit to protect against oil, moisture and mechanical damage.

(V) System Commissioning & Run-In (Critical)

1.Initial Fill & Air Purge

(1) Fill the reservoir, then power on the pump.

(2) Run the pump until a continuous, bubble-free grease stream exits the outlet; power off. This process requires patience—complete air removal is the prerequisite for reliable operation.

2.Progressive Fill & Vent

(1) Starting at the pump, screw each progressive distributor outlet union, power on the pump and and tighten them after each outlet is full of grease, gradually filling the system. This step is the core of progressive-system commissioning.

3. Functional Test

(1) First start in manual or jog mode (set short run time) and verify the stirrer rotation matches the directional arrow.

(2) Operate under no-load conditions, listen for any abnormal noise from the pump and motor, and observe whether the indicator rods of all distributors move in proper sequence.

(3) Check whether fresh grease is discharged at each lubrication point.

(4) Connect the branch lines to the lubrication points and inspect all pipelines and connections for any leakage.

4. Parameter Set-Up

(1) Programme the controller for appropriate lube interval and pump-run time (refer to Item VI).

(VI) Daily Operation & Maintenance Notes

1. Routine Checks

(1) Daily: walk-around for leaks, noise or irregular operation.

(2) Periodic: Observe whether the distributor is working properly and add oil to the tank in time.

2. Grease Management

(1) Keep grease clean—prevent dirt, water or foreign matter when refilling.

(2) Clean or replace the reservoir strainer on schedule.

3. Fault Diagnosis

(1) Sustained high pressure: main line blockage or distributor piston seized.

(2) Pressure fails to build or is low: pump may be sucking air, relief valve malfunction, severe leak, or internal distributor wear.

(3) Single point no oil output: inspect the branch line from distributor outlet to lubrication point.

(4) Stop the machine immediately on any anomaly; investigate before restart.

4. Safety First

(1) The system is under high pressure. The power supply must be cut off and the pressure released before maintenance.

(2) Never hand-check suspected leaks—high-pressure grease injection causes severe injury.

(3) Do not wipe or soak reservoir with alcohols, ketones or hydrocarbon solvents.

VIII Straight-through refueling tool and its instructions

(I) Straight-through grease gun with quick-connect fitting for rapid fill of lubricant into pump reservoir.

(II) Technical data: working pressure 2–4 MPa; max. delivery 20 mL/stroke; media: mineral oil ISO VG ≥ 32, lithium grease NLGI 000–2.

(III) Quick-coupler procedure:

1.Dip gun nozzle into drum, actuate until clean grease output from the oil outlet (quick connector nut), then fully insert into pump's straight-through male nipple and charge.

2.Withdrawal: slide quick connector sleeve fully forward; pull back to disconnect.

3.Strictly follow manual, failure to comply with the instructions will void the warranty.

IX.Critical Component Overhaul Instructions

(I) Pump Unit Assembly (Core)

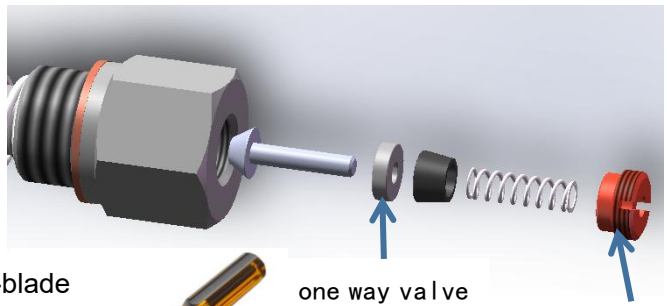
Symptoms: zero / low pressure; insufficient flow.

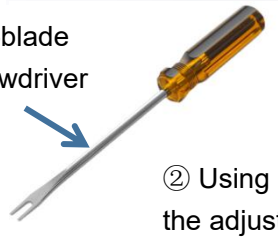
Inspection and repair:: The one-way valve core and one-way valve gasket worn excessive, internal leakage.

Repair procedure:

Pivot Screw

① Remove pivot screw with 19 mm open-end wrench.





Flat-blade screwdriver

one way valve gasket

Adjusting Nut

② Using a flat-blade screwdriver, remove the adjuster nut; pick out the spring and one-way valve core with tweezers. Fit a new one-way valve gasket, then reassemble in reverse order.

X. Common Faults – Causes & Corrective Actions

Fault phenomenon	Cause of failure	Repair method
The pump output oil, but no oil comes out of all outlets of the main distributor, and the safety valve does not inject oil.	The rubber gasket seal of the one-way valve body assembly in the pump unit failed and the oil outlet pressure was too low.	Replace the rubber pad with a new one, see item 9 for details.
Pump runs but no grease output	No oil in the tank	Add clean grease from the oil filler port
	Air enters the plunger	Continuously run the pump, open the pump outlet and exhaust air
	Pump unit damaged	Replace with new pump unit

safety valve fuel injection	System clogged	Check system
	Distributor clogged	Clean or replace distributor
	There is a problem with the safety valve	Repair or replace safety valve
Power is on but pump does not run	Power is not connected to the motor	a) Check whether the wire is damaged; b) Check whether the wire connection is reliable: c) Check whether the wiring is correct; d) Check the power supply voltage.
	There is a problem with the controller	Replace the program controller
	Pump damaged	Replace with new pump
Distributor is not working properly	There is debris in the distributor	Disassemble and clean distributor
	Insufficient input pressure	Check lubrication pump
	Distributor damaged	Replace distributor
Fault alarm	No oil in the tank	Add clean grease from the oil filler port
	Lubrication points are blocked	Unblock blocked lubrication points and pipes
	There is debris in the dispenser	Disassemble and clean distributor
	Lubrication pump failure	Check or replace lubrication pump
The pump is difficult to operate or the speed drops	Wrong grease	Replace the grease in the entire system. First, drain the old grease and remove it using the correct method.
	pressure too high	Comprehensively check whether all

		distributors and pipelines are clogged, and ensure smooth flow between lubrication points.
	Pump or motor is stuck	Clean the pump or perform maintenance on the equipment

XI. Transportation and storage

(I) Transportation

1. When loading and unloading, handle it with care and do not turn it upside down;

2.During loading, unloading and transportation, collisions with other items should be avoided;

(II) Save

1. Products should be stored in a warehouse that is ventilated, dry,protected from direct sunlight, and does not contain corrosive gases in the air;

2.Close all open pipelines to prevent dust and impurities from intruding;

3.Products should be stacked neatly in the warehouse, pay attention to ventilation, and pay attention to the signs on the packaging boxes, and they must not be turned upside down. The distance between the packaging box and the floor and walls must be at least 100mm.

BAOTN®

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Note: The words.desians and techincal parameters are subject to change along with the development of technologies without prior notice.

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