JIANHE®
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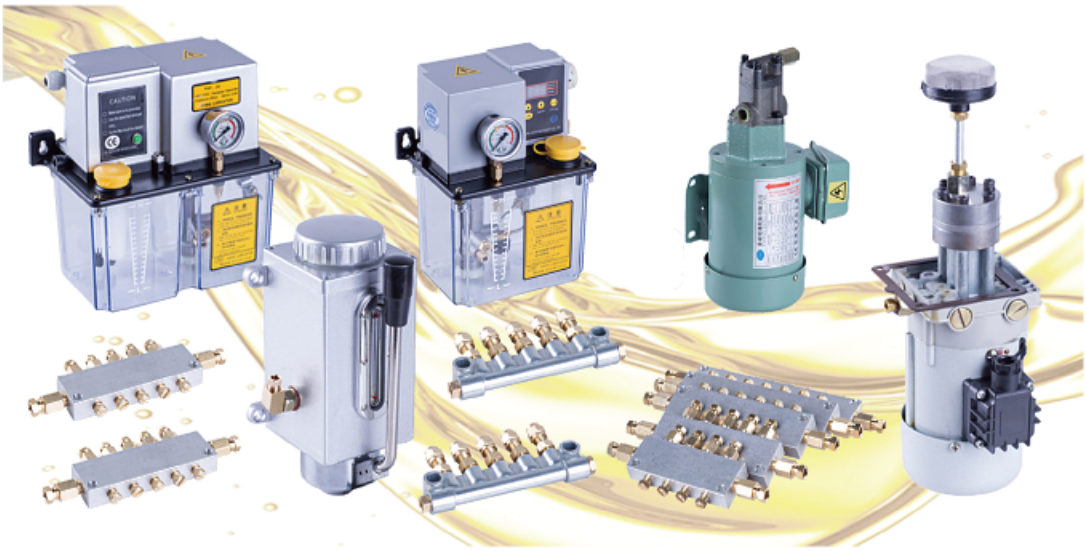
GREASE LUBRICATION

JIAXING JIANHE LUBRICATION EQUIPMENT CO,.LTD

CENTRALIZED LUBRICATION

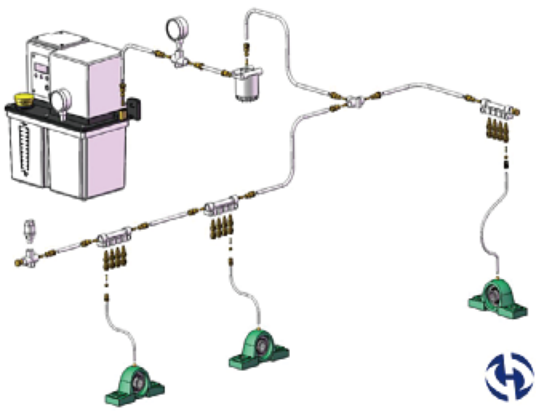
Single Line Resistive Lubrication Systems



Less complicated, cheaper and easier to install than any other systems. The single line Resistance System facilitates the supply of small doses of oil by mean of Metering Units. Both electric and manual pumps are available to ensure a discharge of up to 200 cc/minute via range of Metering Units. Oil dosage is proportional to the pump pressure and oil viscosity. Single Line Resistive lubrication systems are low pressure oil lubrication systems for light, medium and heavy machinery requiring up to 100 points of lubrication Two types of systems (manual and automatic) are available to meet virtually any industrial application.

Advantages
Single line resistance systems are compact, economical and relatively simpl e to operate and maintain. The system is ideally suited for machinery or equipment which displays closely configured bearing clusters, or groups.

A precisely controlled discharge of oil is delivered to each point while the machine is in operation. The system provides a clean film of oil between critical bearing surfaces to keep friction and wear to a minimum. Machinery life is extended and production efficiency is maintained.



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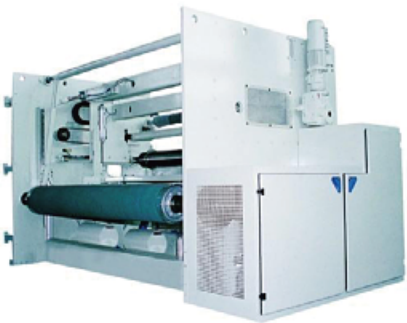
Centralized lubricating system for textile machinery



Manual Lubricant Oil Pump

HYA-500

HYA - 500 HL- 180 Type

Performance and features

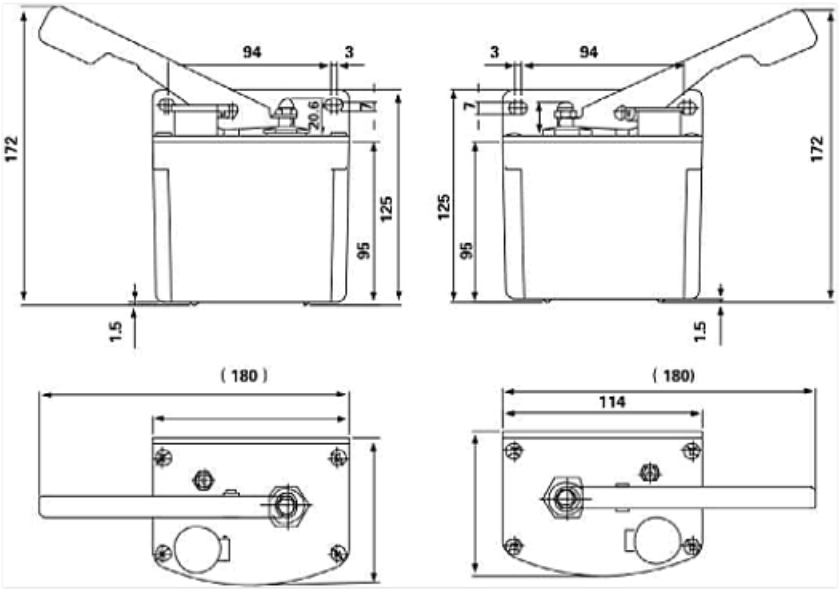
With a one-way valve to prevent the discharge of oil reflux.
Easy to install and use.
Save energy and protect clean environment.
Matching distributor: PV series connector.
Matching measuring parts: DPC.DPV series.
Oil viscosity: 32-250cST
Note: HYA/HL can only press the handle once when filling oil. After the oil supply is completed (the handle recovers by itself), the next action can be carried out to avoid damag e to the lubrication pump parts.

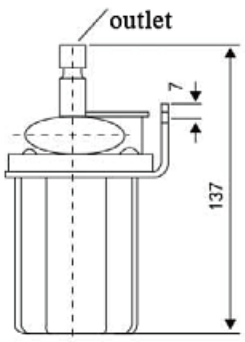
HL-180

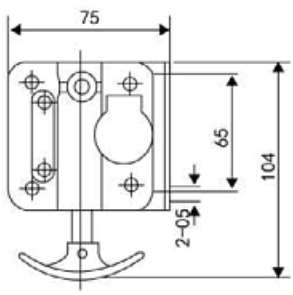
Specifications and technical parameters

ITEMS	HYA-500	HL-180
Nominal capacity ml/cy	2-7	3
nominal pressure Mpa	0.3	0.3
Tank capacity L	0.5	0.18
Weight KG	0.5	0.36
Handle direction	left center right	/

Product Sizes







HY- 800 Type

Performance and features

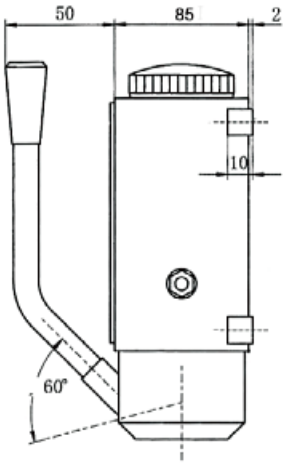
Plunger type oil storage pump, aluminum alloy die casting barrel.
Manual operation, simple to use, convenient.
Oil standard is provided for convenient observation of oil level.
Available via HT adjustable distributor or resistance distributor, also
Oil can be supplied directly to the lubrication point.
Oil viscosity: 68-1300CST

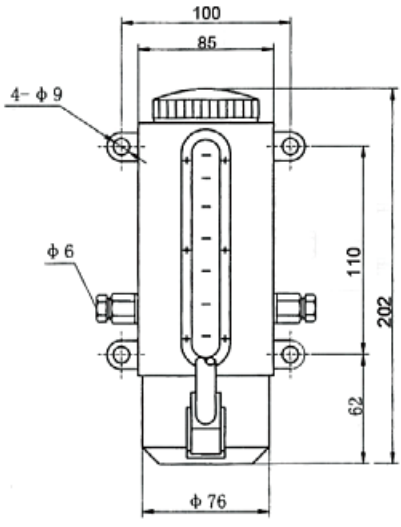
HY-8

Specifications and technical parameters

ITEMS	HY-8	HY-6
Nominal capacity ml/cy	8	8
nominal pressure Mpa	1.5	1.5
Tank capacity L	0.8	0.6
Outlet Tube	4MM/6MM	4MM/6MM
Weight KG	1.5	1.2
Outlet direction	Left and right	Left and right

Product Sizes





Electric Lubricant Oil Pump

FOP-D Type

FOP-D-2II

Performance and features

The lubrication pump is controlled by PLC of the machine: working time and intermittent time.
Maximum working time of lubrication pump ⩽2min: minimum inte rmittent time ⩾2min
With relief valve, prevent the lubrication pump working pressure o verload.
With current overload safety tube, ensure the lubrication pump wor k safely.
With low oil level alarm signal output.
The motor is equipped with overheat protector to protect the safe o peration of the motor.
Can set the pressure switch normally open (AC220V/1A,DC24V/2A) monitoring main oil pipeline break and pressure loss of lubrication system (optional)
Can set point switch, forced oil supply, convenient debugging (opti onal)
Supporting measuring parts: DPC,DPV and other series.
Matching distributor: PV series connector, HT series distributor.Oil viscosity: 32-1300 CST

Model Specification

FOP-D □ □ □ □ □ □

2	2L resin oil tank
3	3L resin oil tank
8	8L resin oil tank
20	20L resin oil tank

I	DC 24V
II	AC 220V
III	AC 110v
IV	AC 380v

4	Export takeover ϕ4
6	Export takeover ϕ6

Unmarked	Resin type
B	Sheet metal wall-mounted

Unmarked	None
Y	Pressure Switch

Unmarked	None
F	Level Switch

Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	tank capacity	Oil level transmitter	voltage V	power W	frequency Hz	weight KGS
FOP-D-2I	100/150/200	0.8	2L	DC24V/2A	DC24	20		3
FOP-D-2II	100/150/200	0.8	2L	DC24V/2A	AC220	20	50/60	3
FOP-D-2III	100/150/200	0.8	2L	DC24V/2A	AC 110v	20		3
FOP-D-2IV	100/150/200	0.8	2L	DC24V/2A	AC 380v	20	50/60	3
FOP-D-3I	100/150/200	0.8	3L	DC24V/2A	DC24	20		4
FOP-D-3II	100/150/200	0.8	3L	DC24V/2A	AC220	20	50/60	4
FOP-D-3III	100/150/200	0.8	3L	DC24V/2A	AC 110v	20		4
FOP-D-3IV	100/150/200	0.8	3L	DC24V/2A	AC 380v	20	50/60	4
FOP-D-8I	100/150/200	0.8	8L	DC24V/2A	DC24	20		8
FOP-D-8II	100/150/200	0.8	8L	DC24V/2A	AC220	20	50/60	8
FOP-D-8III	100/150/200	0.8	8L	DC24V/2A	AC 110v	20		8
FOP-D-8IV	100/150/200	0.8	8L	DC24V/2A	AC 380v	20	50/60	8
FOP-D-20I	100/150/200	0.8	20L	DC24V/2A	DC24	20		15
FOP-D-20II	100/150/200	0.8	20L	DC24V/2A	AC220	20	50/60	15
FOP-D-20III	100/150/200	0.8	20L	DC24V/2A	AC 110v	20		15
FOP-D-20IV	100/150/200	0.8	20L	DC24V/2A	AC 380v	20	50/60	15

Note: if you have special requirements, please indicate when ordering

Electric Lubricant Oil Pump

FOS-D Type

Performance and features

FOS-D-3II

The program controller controls the lubrication pump working cycle: r unning time and intermittent time. Operating time: 1-9999s Clearance time: 1-9999min. It is equipped with relief valve to prevent overload of lubrication pump working pressure.
It is equipped with current overload safety tube to ensure the safe oper ation of lubricating pump.
The motor is equipped with overheat protector to protect the safe oper ation of the motor. Pressure switch can be set normally open (AC220V/ 1 A,DC24V/2A), monitoring the main oil pipeline break and pressure los s of the lubrication system (optional) can be set point switch, forced su pply and delivery of oil agent, convenient debugging (optional) Suppor ting metering parts: DPC,DPV and other series.
Matching distributor: PV series connector, HT series distributor.
Oil viscosity: 32T300cst

Model Specification

FOS-D □ □ □ □ □ □

2	2L resin oil tank
3	3L resin oil tank
8	8L resin oil tank
20	20L resin oil tank

I	DC 24V
II	AC 220V
III	AC 110v
IV	AC 380v

4	Export takeover ϕ4
6	Export takeover ϕ6

Unmarked	Resin type
B	Sheet metal wall-mounted

Unmarked	None
Y	Pressure Switch

Unmarked	None
F	Level Switch

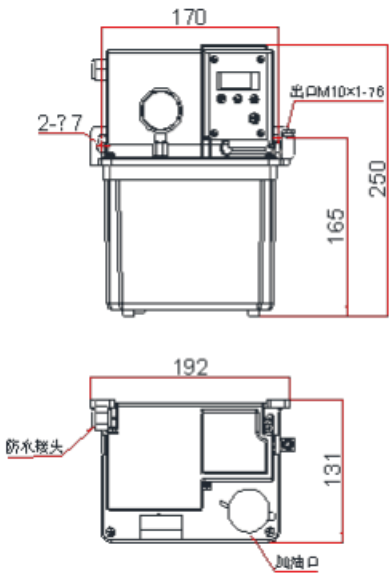
Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	tank capacity	Oil level transmitter	voltage V	power W	frequency Hz	weight KGS
FOS-D-2I	100/150/200	0.8	2L	DC24V/2A	DC24	20		3
FOS-D-2II	100/150/200	0.8	2L	DC24V/2A	AC220	20	50/60	3
FOP-D-2III	100/150/200	0.8	2L	DC24V/2A	AC 110v	20		3
FOP-D-2IV	100/150/200	0.8	2L	DC24V/2A	AC 380v	20	50/60	3
FOS-D-3I	100/150/200	0.8	3L	DC24V/2A	DC24	20		4
FOS-D-3II	100/150/200	0.8	3L	DC24V/2A	AC220	20	50/60	4
FOP-D-3III	100/150/200	0.8	3L	DC24V/2A	AC 110v	20		4
FOP-D-3IV	100/150/200	0.8	3L	DC24V/2A	AC 380v	20	50/60	4
FOS-D-8I	100/150/200	0.8	8L	DC24V/2A	DC24	20		8
FOS-D-8II	100/150/200	0.8	8L	DC24V/2A	AC220	20	50/60	8
FOP-D-8III	100/150/200	0.8	8L	DC24V/2A	AC 110v	20		8
FOP-D-8IV	100/150/200	0.8	8L	DC24V/2A	AC 380v	20	50/60	8
FOS-D-20I	100/150/200	0.8	20L	DC24V/2A	DC24	20		15
FOS-D-20II	100/150/200	0.8	20L	DC24V/2A	AC220	20	50/60	15
FOP-D-20III	100/150/200	0.8	20L	DC24V/2A	AC 110v	20		15
FOP-D-20IV	100/150/200	0.8	20L	DC24V/2A	AC 380v	20	50/60	15

Note: if you have special requirements, please indicate when ordering

Product Sizes

2L



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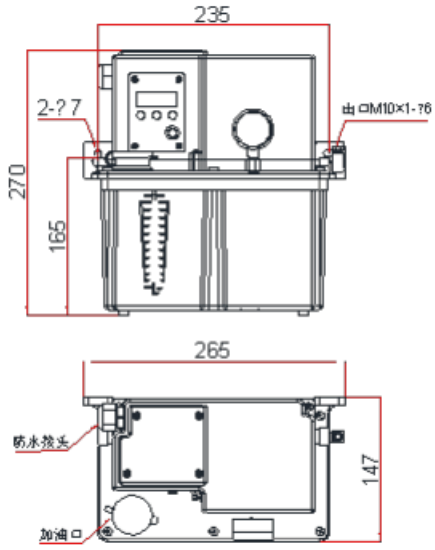

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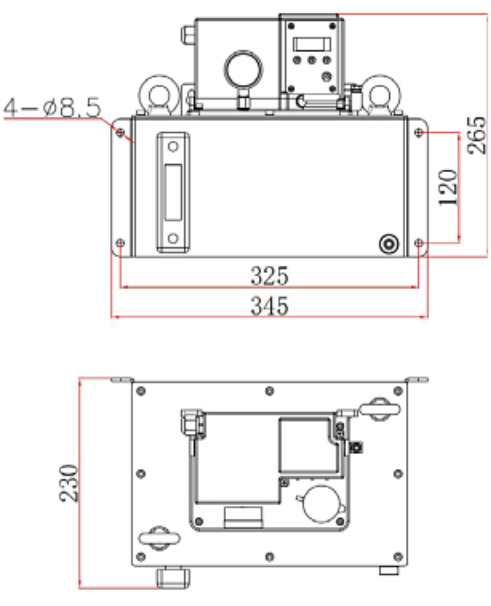
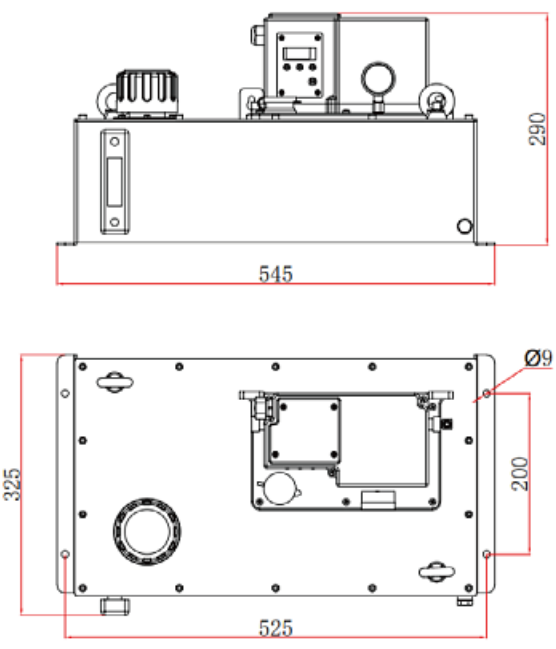
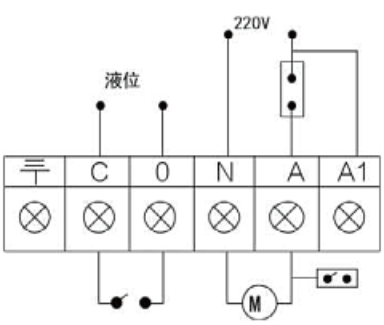


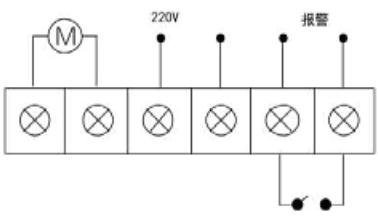
20L



Connection Diagram FOP



Connection Diagram FOS



Electromagnetic Oil Pump

DCR-50 Type

Performance and features

DCR-50/2C

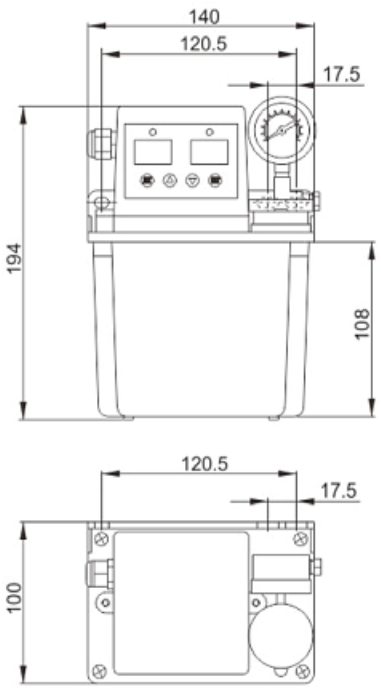
The DCR-50 oil pump uses an electromagnet as a power source to drive the piston up and down under the aid of a spring to achiev e the purpose of oil absorption; easy to install, simple wiring;h as warning function of insufficient liquid level and abnormal de tection; whas motor self-protection device to prevent over-tempe rature and overload; when the oil pump is running, the pressure gauge can be displayed on the pressure gauge. The controller sc reen displays the lubrication time (seconds) and the intermitten t time (minutes); the indicator light shows the operating status o f the lubrication pump, with the"RST" button for forced lubricati on; the pump has a wide range of applications. It can be used in centralized lubrication systems for machine tools, textiles, prin ting, plastics, light industry and automated machinery. The pum p is equipped with a 1 liter,2 liter fuel tank,uses oil viscosity 32-68cst, and cleans the tank for up to 6 months depending on the w orking conditions.

Specifications and technical parameters

ITEMS	DCR-50/1C	DCR-50/2C
Nominal capacity ml/cy	50	50
nominal pressure Mpa	1	1
Tank capacity L	1	2
Outlet Caliber	4MM/6MM	4MM/6MM
Intermittent time	1-999M	1-999M
lubrication time	1-999S	1-999S
Voltage(V)	110V/220V	110V/220V
Frequency(Hz)	50-60	50-60
Power(W)	28	28

Product Sizes

1L



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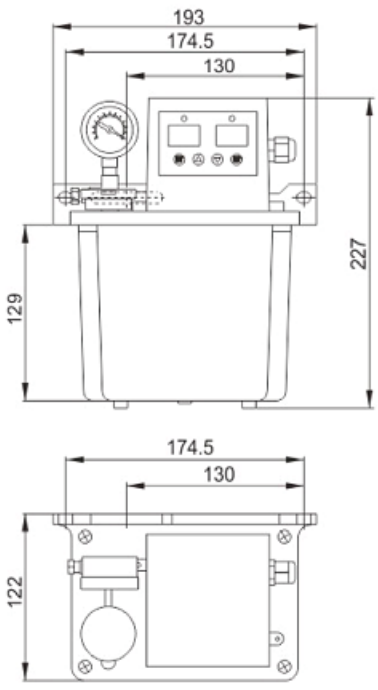


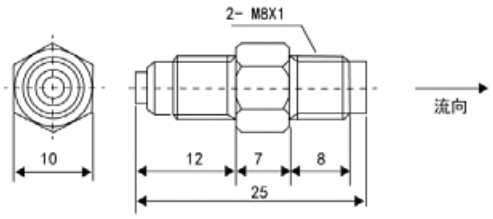
Resistance type valve

Meter Unit

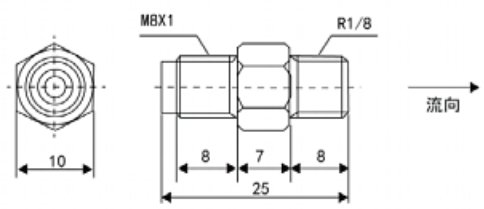
Meter units DPC/DPV are oil proportioning devices for single line resistance cyclic systems
Each outlet of a Lubricating system is controlled by a meter unit.
The lubricator in the system dispenses oil to the distribution network and meter units deliver this oil in varyting amounts to the friction points.

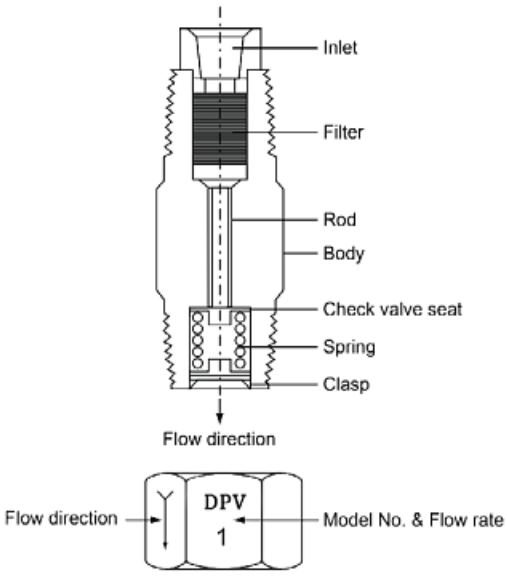
1.Working Pressure:0.2-2Mpa (2-20kgf/cm2)
2. Oil Viscosity (40c): 20-500cst
3.Flow Rate:The flow will be multiplied via serial number sequenc.
4. Connected to PV/PVS distributor. DPV connector to equipment lubrication point

DPC

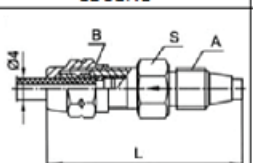


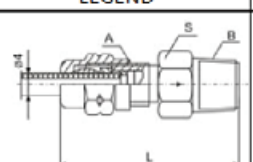
DPV





Specifications and technical parameters

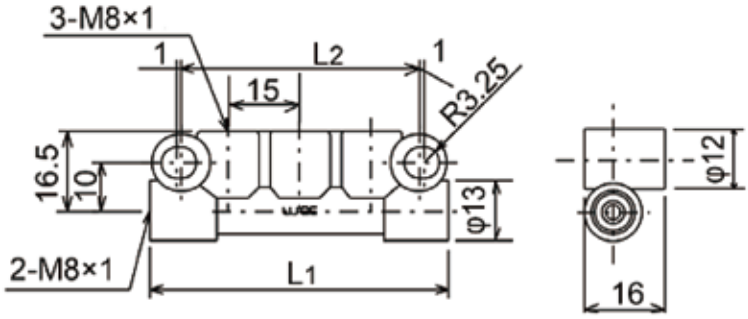
LEGEND	MARK	TYPE	L	S	SPEC	FLOW RATE	A	B	OIL VISCOSITY
	DPC	meter unit	36	11	0	5	M8*1	M8*1	20-500cst
					1	10			
					2	20			
					3	40			
					4	80			
					5	160			

LEGEND	MARK	TYPE	L	S	SPEC	FLOW RATE	A	B	OIL VISCOSITY
	DPV	meter unit	30	11	0	5	M8*1	R1/8	20-500cst
					1	10			
					2	20			
					3	40			
					4	80			
					5	160			

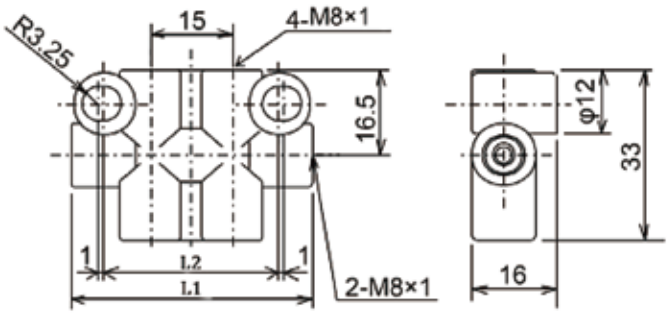
Junction

For main line piping, separating and metering valve installation

PV-6-4



PVS-10-4



Product Sizes

ITEMS	Number of outlet	Inlet	Outlet	L1	L2
PV-2-4	2	M8*1	M8*1	49	36
PV-3-4	3	M8*1	M8*1	65	52
PV-4-4	4	M8*1	M8*1	81	67
PV-5-4	5	M8*1	M8*1	97	83
PV-6-4	6	M8*1	M8*1	113	99
PV-7-4	7	M8*1	M8*1	129	115
PV-8-4	8	M8*1	M8*1	145	131
PV-10-4	10	M8*1	M8*1	177	163
PVS-6-4	6	M8*1	M8*1	49	38
PVS-8-4	8	M8*1	M8*1	65	54
PVS-10-4	10	M8*1	M8*1	81	69
PVS-12-4	12	M8*1	M8*1	97	85

One-way Valve Oil Distributor

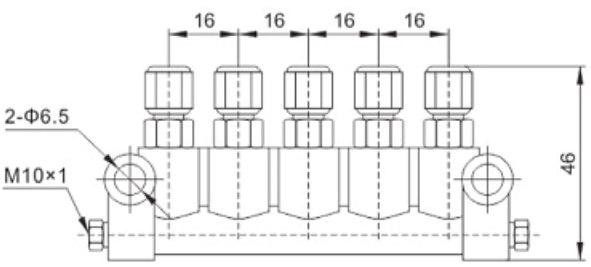
It's made of measure,zinc casting,hollow screw,and bipyramid sleeve chuck,can combine wantonly with measure and zinccasting on the lubrication number and oil measure.

Specifications and technical parameters

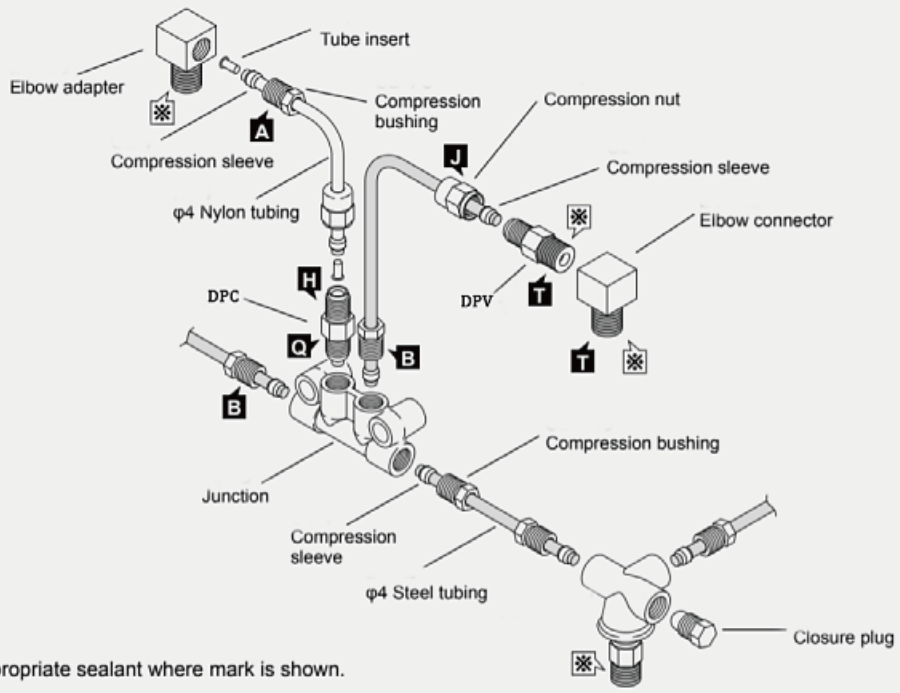
ITEMS	Number of outlet	Diameter	L	A	Type
PVD-2	2	Φ4/Φ6	49	36	OIL
PVD-3	3	Φ4/Φ6	65	52	OIL
PVD-4	4	Φ4/Φ6	81	67	OIL
PVD-5	5	Φ4/Φ6	97	83	OIL
PVD-6	6	Φ4/Φ6	113	99	OIL
PVD-7	7	Φ4/Φ6	129	115	OIL
PVD-8	8	Φ4/Φ6	145	131	OIL
PVD-10	10	Φ4/Φ6	177	163	OIL

PVD

Product Sizes



Piping layout (Example)



※ Use an appropriate sealant where mark is shown.

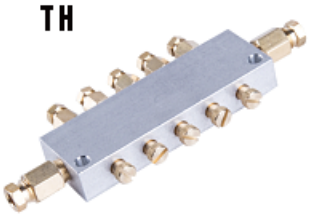
Mark denote tightening torque.

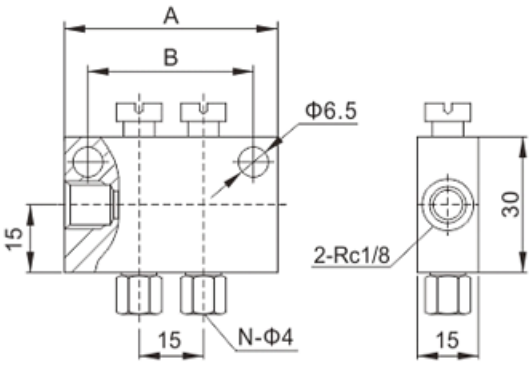
Oil Regulating Distributor

Applicable to oil and grease lubrication system,the oil can be adjusted arbitrarily,and each oil outlet is provided with a check valve to prevent the oil from being discharged. Counterflow, can be used with interval type oil lubrication pump,continuous oil lubric ation pump and manual grease lubrication pump.

Product Sizes

TH





Specifications and technical parameters

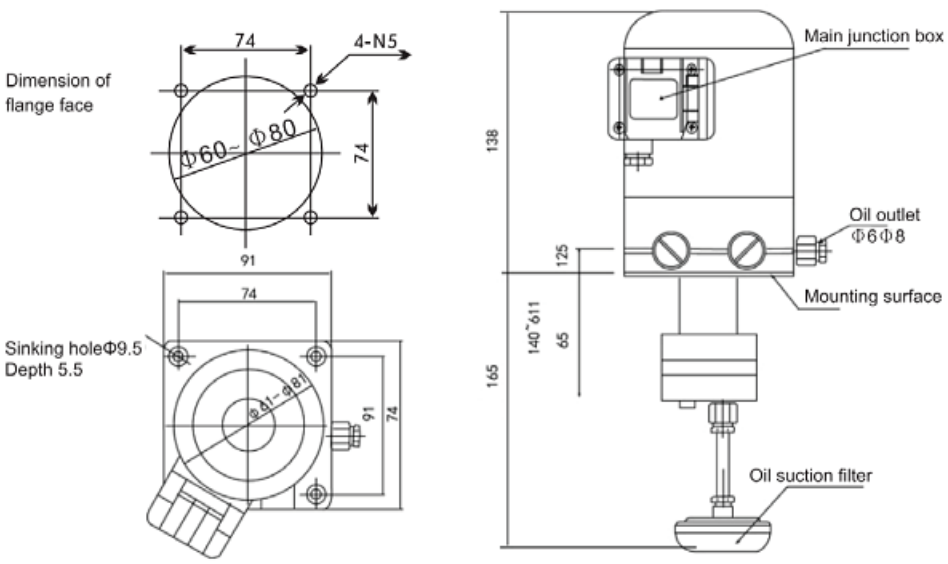
ITEMS	Number of outlet	Inlet born	Outlet born	L	A	Flow rate
TH-2	2	Φ4/Φ6/Φ8	Φ4/Φ6	47	37	Adjusted
TH-3	3	Φ4/Φ6/Φ8	Φ4/Φ6	62	52	Adjusted
TH-4	4	Φ4/Φ6/Φ8	Φ4/Φ6	77	67	Adjusted
TH-5	5	Φ4/Φ6/Φ8	Φ4/Φ6	92	82	Adjusted
TH-6	6	Φ4/Φ6/Φ8	Φ4/Φ6	107	97	Adjusted
TH-7	7	Φ4/Φ6/Φ8	Φ4/Φ6	122	112	Adjusted
TH-8	8	Φ4/Φ6/Φ8	Φ4/Φ6	137	127	Adjusted
HT-9	9	Φ4/Φ6/Φ8	Φ4/Φ6	152	142	Adjusted
TH-10	10	Φ4/Φ6/Φ8	Φ4/Φ6	167	157	Adjusted
TH-11	11	Φ4/Φ6/Φ8	Φ4/Φ6	182	172	Adjusted
TH-12	12	Φ4/Φ6/Φ8	Φ4/Φ6	207	197	Adjusted

Electric Lubricant Oil Pump Set

B Type

Performance and features

1. Installed on the equipment fuel tank, Vertical installation, the oil height can not exceed the installation surface
2. There is a relief valve to prevent the lubrication pump set fromoverloading.
3. The oil absorption height can be selected according to actual needs, the standard is 165mm
4. The output pipe diameter standard is ϕ6（M10X1）.If required ϕ8（M12x1.25）Please specify
5. Lubrication viscosity: 32-2500CST
6. C No unloading valve, only for resistive or open lubrication systems
7. F H with unloading valve for quantitative centralized lubrication system
8. If you need order pump continuously,add L for example B250FL



Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	voltage V	power W	frequency Hz	Speed R/min
B250C	250	1	AC220/380	60	50	1350
B500C	500	1	AC220/380	90	50	2700
B250F	250	2	AC220/380	60	50	1350
B500F	500	2	AC220/380	90	50	2700
B250H	250	4	AC220/380	60	50	1350
B500H	500	4	AC220/380	90	50	2700

Note: if you have special requirements, please indicate when ordering

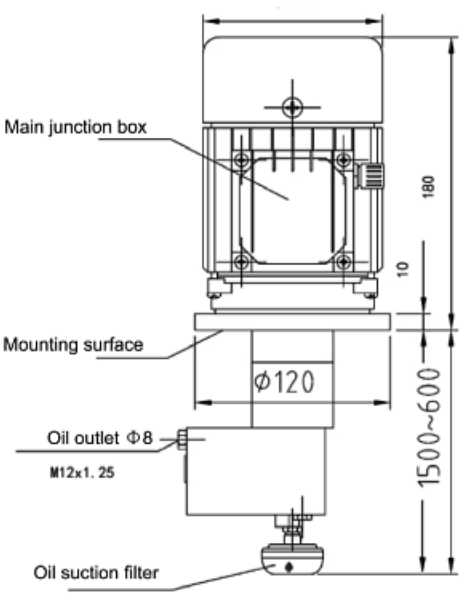
Electric Lubricant Pump Set

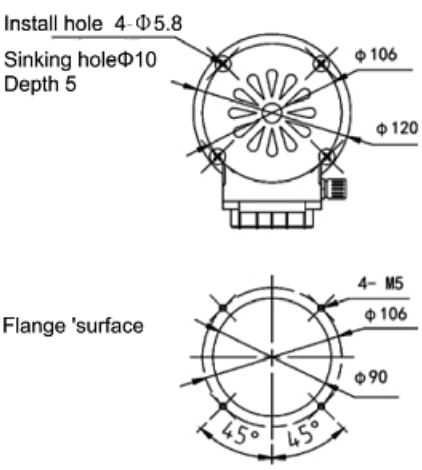
R Type

Performance and features

1.Installed on the equipment fuel tank, Vertical installation, the oil hei ght can not exceed the installation surface
2. There is a relief valve to prevent the lubrication pump set from overl oading.
3.The oil absorption height can be selected according to actual needs, t he standard is 150mm
4. The output pipe diameter standard is 中6（M10X1）.If need φ8（M12x 1.25）Please specify
5. Lubrication viscosity:32-2500CST
6. C No unloading valve, only for resistive or open lubrication systems
7. F H with unloading valve for quantitative centralized lubrication syst em
8. This type no ContinuoUsly type

Model Specification



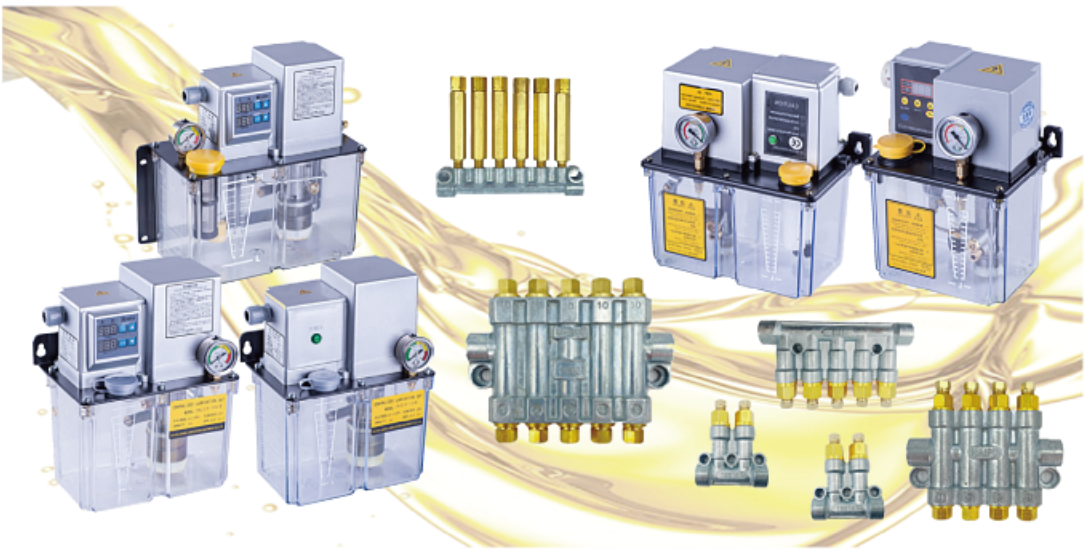


Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	voltage V	power W	frequency Hz	Speed R/min
R800C	800	1	AC380	120	50	1350
R1600C	1600	1	AC380	180	50	2700
R800F	800	2	AC380	120	50	1350
R1600F	1600	2	AC380	180	50	2700
R800H	800	4	AC380	120	50	1350
R1600H	1600	4	AC380	180	50	2700

Note: C without unloading valve,only for resistive or open lubrication. F and H with unloading valve

Single Line Volumetric Lubrication Systems

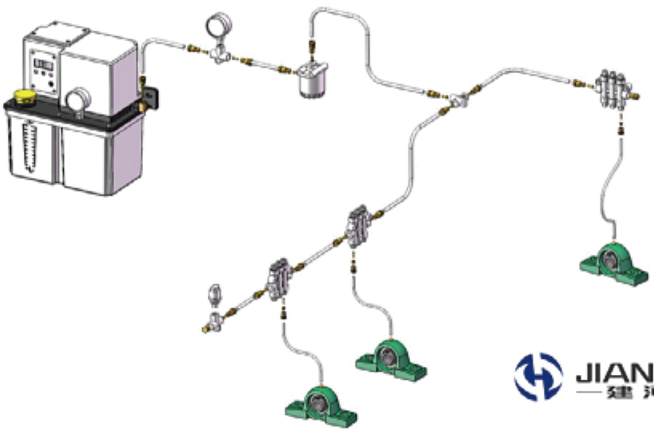


The volumetric system is based on Positive Displacement Injectors (PDI). A precise, predetermined volume of oil or soft grease is dispensed to each poi nt unaffected by temperature or viscosity of the lubricant. Both electric and pneumatic pumps are available to ensure a discharge up to 500 cc/minute vi a a range of injectors extending from 15 mm^3 to 1000 mm^3 per cycle.

Single line lubrication systems are a positive hydraulic method of deliverin g lubricant, either oil or soft grease under pressure to a group of points fro m one centrally located pumping unit the pump supplies lubricant to one or more metering valves. The valves are precision measuring devices and deliv er an accurate metered volume of lubricant to each point.

Positive displacement injector systems are for low or medium pressure oil o r grease lubrication systems. These systems are precise in their lubrication delivery, and some models are adjustable, so a single injector manifold can be used to deliver different amounts of oil or grease to different friction poi nts.

Injectors are alternately activated and deactivated at regular intervals. Oil a nd fluid grease discharges from the injectors when the system reaches opera tive pressure.



JIANHE
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Centralized lubricating system for CNC machine

Electric Lubricant Oil Pump

FOP-R Type

Performance and features

FOP-R-3II

The lubrication pump is controlled by PLC of the machine: working time and intermittent time.
Maximum working time of lubrication pump ⩽2min: minimum intermittent time ⩾2min
With relief valve, prevent the lubrication pump working pressure overload.
With current overload safety tube, ensure the lubrication pump work safely.
With low oil level alarm signal output.
The motor is equipped with overheat protector to protect the safe operation of the motor.
Can set the pressure switch normally open (AC220V/1A,DC24V/2A) monitoring main oil pipeline break and pressure loss of lubrication system (optional)
Can set point switch, forced oil supply, convenient debugging (optional)
Supporting measuring parts: DPC,DPV and other series.
Matching distributor: PV series connector, HT series distributor.
Oil viscosity: 32-1300 CST

Model Specification

FOP-R □ □ □ □ □ □

2	2L resin oil tank
3	3L resin oil tank
8	8L resin oil tank
20	20L resin oil tank

I	DC 24V
II	AC 220V
III	AC 110v
IV	AC 380v

4	Export takeover ϕ4
6	Export takeover ϕ6

Unmarked	Resin type
B	Sheet metal wall-mounted

Unmarked	None
Y	Pressure Switch

Unmarked	None
F	Level Switch

Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	tank capacity	Oil level transmitter	voltage V	power W	frequency Hz	weight KGS
FOP-R-2I	100/150/200	0.8	2L	DC24V/2A	DC24	20		3
FOP-R-2II	100/150/200	0.8	2L	DC24V/2A	AC220	20	50/60	3
FOP-D-2III	100/150/200	0.8	2L	DC24V/2A	AC 110v	20		3
FOP-D-2IV	100/150/200	0.8	2L	DC24V/2A	AC 380v	20	50/60	3
FOP-R-3I	100/150/200	0.8	3L	DC24V/2A	DC24	20		4
FOP-R-3II	100/150/200	0.8	3L	DC24V/2A	AC220	20	50/60	4
FOP-D-3III	100/150/200	0.8	3L	DC24V/2A	AC 110v	20		4
FOP-D-3IV	100/150/200	0.8	3L	DC24V/2A	AC 380v	20	50/60	4
FOP-R-8I	100/150/200	0.8	8L	DC24V/2A	DC24	20		8
FOP-R-8II	100/150/200	0.8	8L	DC24V/2A	AC220	20	50/60	8
FOP-D-8III	100/150/200	0.8	8L	DC24V/2A	AC 110v	20		8
FOP-D-8IV	100/150/200	0.8	8L	DC24V/2A	AC 380v	20	50/60	8
FOP-R-20I	100/150/200	0.8	20L	DC24V/2A	DC24	20		15
FOP-R-20II	100/150/200	0.8	20L	DC24V/2A	AC220	20	50/60	15
FOP-D-20III	100/150/200	0.8	20L	DC24V/2A	AC 110v	20		15
FOP-D-20IV	100/150/200	0.8	20L	DC24V/2A	AC 380v	20	50/60	15

Note: if you have special requirements, please indicate when ordering

Electric Lubricant Oil Pump

FOS-R Type

Performance and features

FOS-R-3II

The program controller controls the lubrication pump working cycle: running time and intermittent time. Operating time: 1-9999s Clearanc e time: 1-9999min. It is equipped with relief valve to prevent overload of lubrication pump working pressure.
It is equipped with current overload safety tube to ensure the safe oper ation of lubricating pump.
The motor is equipped with overheat protector to protect the safe oper ation of the motor. Pressure switch can be set normally open (AC220V/ 1 A,DC24V/2A), monitoring the main oil pipeline break and pressure lo ss of the lubrication system (optional) can be set point switch, forced supply and delivery of oil agent, convenient debugging (optional) Supp orting metering parts: DPC,DPV and other series.
Matching distributor: PV series connector, HT series distributor.
Oil viscosity: 32T300cst

Model Specification

FOS-R □ □ □ □ □ □

2	2L resin oil tank
3	3L resin oil tank
8	8L resin oil tank
20	20L resin oil tank

I	DC 24V
II	AC 220V
III	AC 110v
IV	AC 380v

4	Export takeover ϕ4
6	Export takeover ϕ6

Unmarked	Resin type
B	Sheet metal wall-mounted

Unmarked	None
Y	Pressure Switch

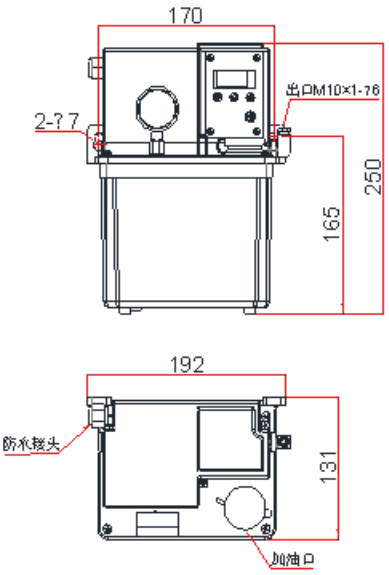
Unmarked	None
F	Level Switch

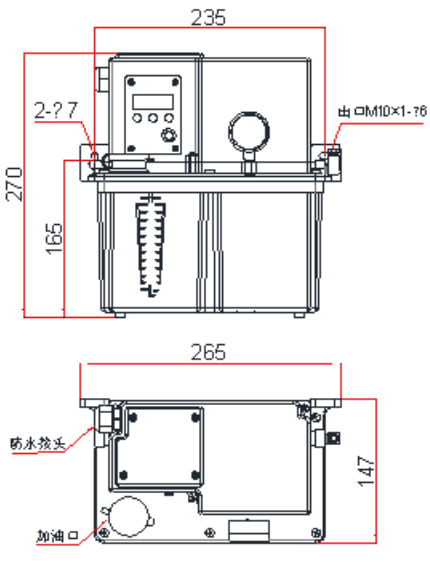
Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	tank capacity	Oil level transmitter	voltage V	power W	frequency Hz	weight KGS
FOS-D-2I	100/150/200	0.8	2L	DC24V/2A	DC24	20		3
FOS-D-2II	100/150/200	0.8	2L	DC24V/2A	AC220	20	50/60	3
FOP-D-2III	100/150/200	0.8	2L	DC24V/2A	AC 110v	20		3
FOP-D-2IV	100/150/200	0.8	2L	DC24V/2A	AC 380v	20	50/60	3
FOS-D-3I	100/150/200	0.8	3L	DC24V/2A	DC24	20		4
FOS-D-3II	100/150/200	0.8	3L	DC24V/2A	AC220	20	50/60	4
FOP-D-3III	100/150/200	0.8	3L	DC24V/2A	AC 110v	20		4
FOP-D-3IV	100/150/200	0.8	3L	DC24V/2A	AC 380v	20	50/60	4
FOS-D-8I	100/150/200	0.8	8L	DC24V/2A	DC24	20		8
FOS-D-8II	100/150/200	0.8	8L	DC24V/2A	AC220	20	50/60	8
FOP-D-8III	100/150/200	0.8	8L	DC24V/2A	AC 110v	20		8
FOP-D-8IV	100/150/200	0.8	8L	DC24V/2A	AC 380v	20	50/60	8
FOS-D-20I	100/150/200	0.8	20L	DC24V/2A	DC24	20		15
FOS-D-20II	100/150/200	0.8	20L	DC24V/2A	AC220	20	50/60	15
FOP-D-20III	100/150/200	0.8	20L	DC24V/2A	AC 110v	20		15
FOP-D-20IV	100/150/200	0.8	20L	DC24V/2A	AC 380v	20	50/60	15

Note: if you have special requirements, please indicate when ordering

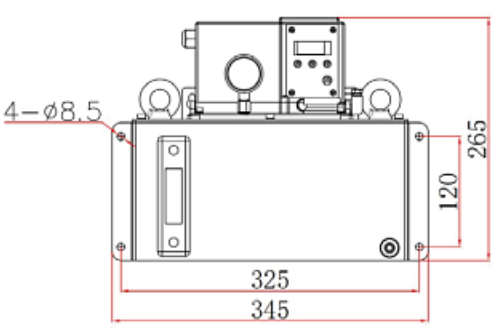
Product Sizes

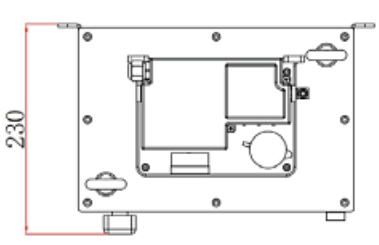




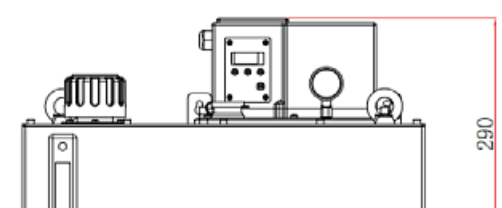
2L

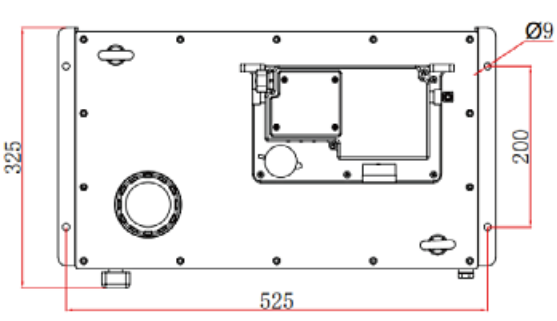
3L





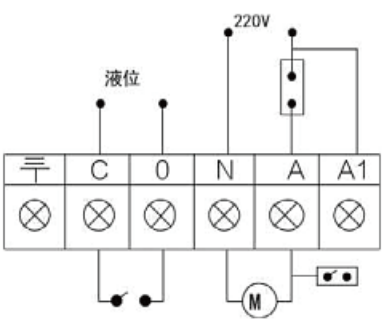
8L



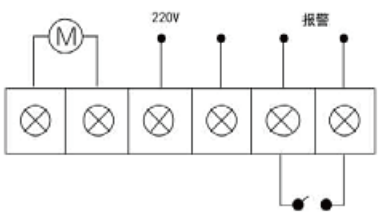


20L

Connection Diagram FOP



Connection Diagram FOS



Electric Lubricant Oil /Grease Pump

DR Oil Type

Performance and features

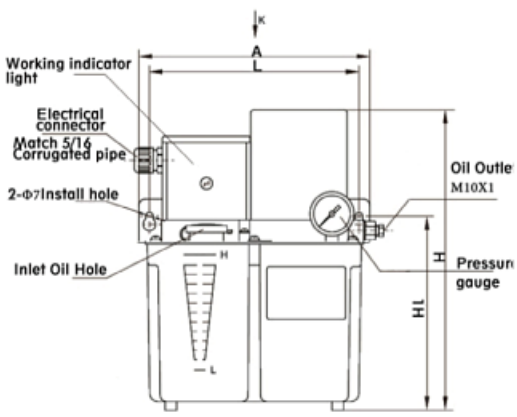
DR5-32

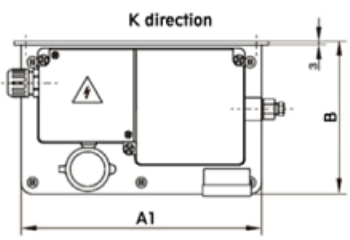
The rated working pressure is2.0Mpa,and there is a relief valve to pr event the oil pump from overloading.
It has unloading function: After stopping work, can remove the oil pressure in the main pipe of the system and it is mainly used inthe Quantitative type(pressure orunload pressure type)concentrated oil centralized lubrication pump.
With liquid level switch (normally open AC220V/2A DC36V/2A),used to detect the main oil pipeline disconnection and loss of pressure i n the lubrication system (optional)
The pump can be with a PC-2 digital display controller to control th e running time and rest time.(optional)
Transparent resin tank
Use oil:32-1300cst
Matching distributor: pressurized or unloaded distributor.

Specifications and technical parameters

ITEMS	Nominal capa city ml/min	nominal pres sure Mpa	tank ca pacity	voltage V	power W	frequency Hz	Speed R/min
DR2.5-34	250	2	3L	DC24/AC220/380/460	60	50	1350
DR5-34	500	2	3L	DC24/AC220/380/460	90	50	2700
DR2.5-44	250	2	4L	DC24/AC220/380/460	60	50	1350
DR5-44	500	2	4L	DC24/AC220/380/460	90	50	2700
DR2.5-64	250	2	6L	DC24/AC220/380/460	60	50	1350
DR5-64	500	2	6L	DC24/AC220/380/460	90	50	2700
DR2.5-94	250	2	9L	DC24/AC220/380/460	60	50	1350
DR5-94	500	2	9L	DC24/AC220/380/460	90	50	2700

Product Sizes





Volume (L)	L mm	A mm	A1 mm	B mm	H mm	H1 mm
3	200	220	208	136	383	182
4	274	294	264	148	294	193
6	298	318	284	171	306	205
9	35	371	342	191	306	205

Electric Lubricant Oil /Grease Pump

DR Grease Type

Performance and features

DR5-32CZ

The rated working pressure is2.0Mpa,and there is a relief valve to prevent the oil pump from overloading.
It has unloading function: After stopping work, can remove the oil pressure in the main pipe of the system and it is mainly used in the Quantitative type(pressure orunload pressure type)concentrated oil centralized lubrication pump.
With liquid level switch (normally open AC220V/2A DC36V/2A),used to detect the main oil pipeline disconnection and loss of pressure in the lubrication system (optional)
The pump can be with a PC-2 digital display controller to control the running time and rest time.(optional)
Transparent resin tank
Use oil:32-1300cst
Matching distributor: pressurized or unloaded distributor.

Specifications and technical parameters

ITEMS	Nominal capacity ml/min	nominal pressure Mpa	tank capacity	voltage V	power W	frequency Hz	Speed R/min
DR2.5-34Z	250	4	3L	DC24/AC220/380/460	60	50	1350
DR5-34Z	500	4	3L	DC24/AC220/380/460	90	50	2700
DR2.5-44Z	250	4	4L	DC24/AC220/380/460	60	50	1350
DR5-44Z	500	4	4L	DC24/AC220/380/460	90	50	2700
DR2.5-64Z	250	4	6L	DC24/AC220/380/460	60	50	1350
DR5-64Z	500	4	6L	DC24/AC220/380/460	90	50	2700
DR2.5-94Z	250	4	9L	DC24/AC220/380/460	60	50	1350
DR5-94Z	500	4	9L	DC24/AC220/380/460	90	50	2700

1.The pressure switch should be installed at the end of the system main pipe instead of being installed in the oil pump,so can
more gccurgtely monitored the currentinterruption and the pressure loss of the main circuit ofthe lubrication system
2.Ifthe host itself does not have a PLC or has a PLC but the wiring is inconvenient, the oil pump should be equipped with a controller,The controller controls the duty cycle of the lubrication pump in a countdown mode: run time and rest time
3.If the power is not AC380V, 50HZ, When order should be indicate the specific work power
4.The following table shows the specific technical parameters for DR series oil pump(without pressure switch and controller as an example). The technical parameters are the same with pressure switch or controller.
●DR5-34: Standard Flow 0.50L/min,Oil Volume 3.0L,Standard Pressure 2.0Mpa,Voltage AC380V,50HZ,without pressure
switch ,without controller
●DR5-34P:P Mean with pressure switch
●DR5-34C:C Mean with Controller
●DR5-34CII:C Mean with controller,lt mean Voltage AC220V
If the working power requirement is special, the voltage and frequency should be indicated when ordering.

Model Specification

DR □ — □ 4 □ Z □

Nominal flow

2.5	0.25L/min
5	0.5L/min

Fuel tank capacity

3	3.0L
4	4.0L
6	6.0L
9	9.0L

Power Specifications

Omit	AC380V 50Hz
II	AC220V 50Hz

Grease lubrication pump

Optional parts

Omit	Not equipped with optional parts
P	Equipped with pressure switch
C	Equipped with controller

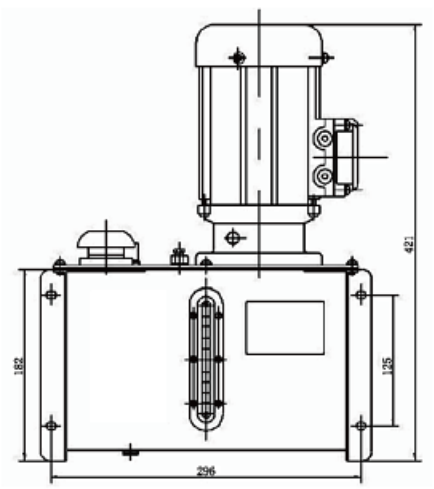
Nominal pressure 4.0Mpa

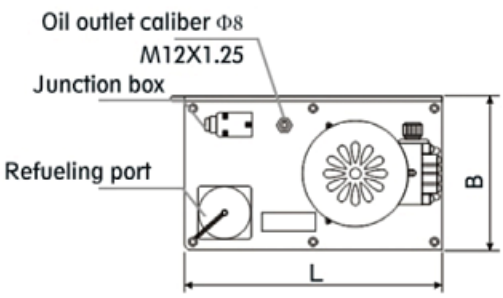
Electric Lubricant Pump

DR8 Type

Performance and features

With pressure regulating valve (relieving valve) and pressure m aintaining valve to control the working pressure of the lubricati on pump force and prevent oil leakage from the main oil line.
With dual oil level transmitter,it is convenient for users to mon itor the system in the use of oil pumpOil supply status.
Oil grade: N22-N68 hydraulic oil, oil viscosity:30-2500cSt.
This lubrication station is widely used in ceramic machinery, te xtile machinery,mining machineryFor cooling and lubrication on the manufacturing equipment.
Can change the oil pump configuration according to the users s pecific use requirements





Specifications and technical parameters

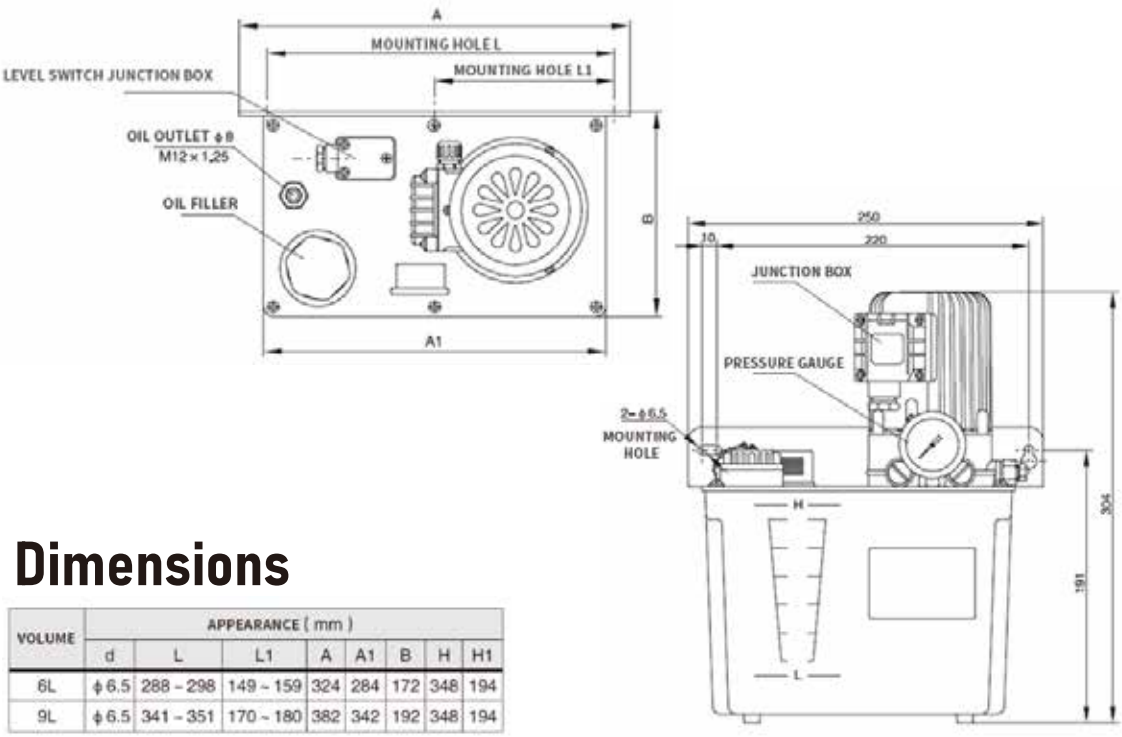
ITEMS	Nominal capacity ml/min	nominal pressure Mpa	tank capacity	voltage V	power W	Speed R/min
DR8-6L	800	2	6L	AC380/460	180	1400
DR16-6L	1600	4	6L	AC380/460	370	2800
DR8-9L	800	2	9L	AC380/460	180	1400
DR16-9L	1600	4	9L	AC380/460	370	2800

Note: if you have special requirements, please indicate when ordering

Product Parameters

JZ-3L

MODEL:	JZ TYPE
RESERVIOR CAPACITY:	3L/6L/9L
CONTROL TYPE:	PLC/EXTERNAL TIME CONTROLLER
LUBRICANT:	NLGI000#-0#
VOLTAGE:	24V/220V/380V
POWER:	60W/90W/180W
MAX.PRESSURE:	4MPA
DISCHARGE VOLUME:	250ML/500ML/800ML/1600ML/MIN
OUTLET NUMBER:	1
TEMPERATURE:	-35-80°C
PRESSURE GAUGE:	WITHOUT
DISGITAL DISPLAY:	WITHOUT
LOW LEVEL SWITCH:	OPTIONAL
OIL INLETS:	FILLER CAP
OUTLET THREAD:	M10*1,M12*1



Dimensions

VOLUME	APPEARANCE (mm)							
	d	L	L1	A	A1	B	H	H1
6L	ϕ6.5	288 ~ 298	149 ~ 159	324	284	172	348	194
9L	ϕ6.5	341 ~ 351	170 ~ 180	382	342	192	348	194

PROJECT / TYPE	PRESSURE (MPa)	FLOW (L/min)	VOLUME (L)	MOTOR PARAMETERS			
				VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	SPEED (r/min)
JZ2.5-32	4.0	0.25	3.0	AC380	50	60	1350
JZ5-32		0.50				90	2700
JZ8-62		0.80	6.0			120	1350
JZ16-62		1.60				180	2700
JZ8-92		0.80	9.0			120	1350
JZ16-92		1.60				180	2700

Volumetric type valve

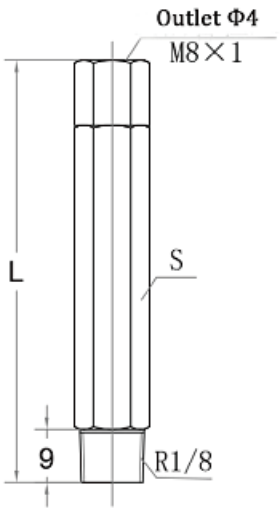
Pressure type quantitative measuring unit

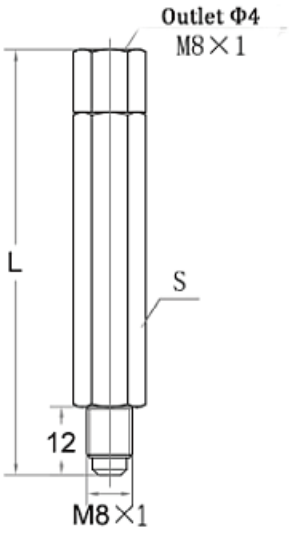
Accurate oil discharge, in an oil supply cycle, the metering parts only discharge oil once, and in the lubrication system in the far, near, high, low, horizontal installation or vertical installation have no impact on the displacement of the metering parts, forced oil discharge, sensitive action. And the use of two seals to prevent the discharge of oil upstream.

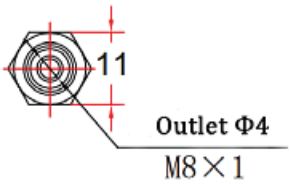
1.Working Pressure:1Mpa(oil)-2.5Mpa(grease)
2. Oil Viscosity : 20-500cst/ lithium-based grease 000#-00#
3.Flow Rate:The flow will be multiplied via serial number sequenc.
4. Connected to PV/PVS distributor.
5.The outlet pipe diameter of the metering piece is ø4, which should be combined with GN-4 tubing joint and GB-4 double cone sleeve.

R1/8

M8







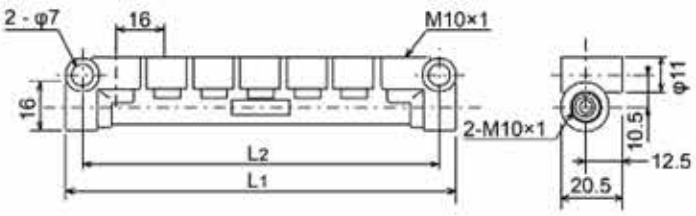
Specifications and technical parameters

Items	Outlet Thread Spec	Inlet Thread Spec	rate of flow ml/cyc	Operating pressure Mpa	Reset pressure Mpa	L mm
MO/MG-05	M8*1 R1/8	M8*1	0.05	1.0/2.5	0.3/1.4	44.5
MO/MG-10	M8*1 R1/8	M8*1	0.1	1.0/2.5	0.3/1.4	44.5
MO/MG-20	M8*1 R1/8	M8*1	0.2	1.0/2.5	0.3/1.4	53.5
MO/MG-30	M8*1 R1/8	M8*1	0.3	1.0/2.5	0.3/1.4	53.5
MO/MG-40	M8*1 R1/8	M8*1	0.4	1.0/2.5	0.3/1.4	65
MO/MG-50	M8*1 R1/8	M8*1	0.5	1.0/2.5	0.3/1.4	65

Junction

For main line piping, separating and metering valve installation

PV-6-6



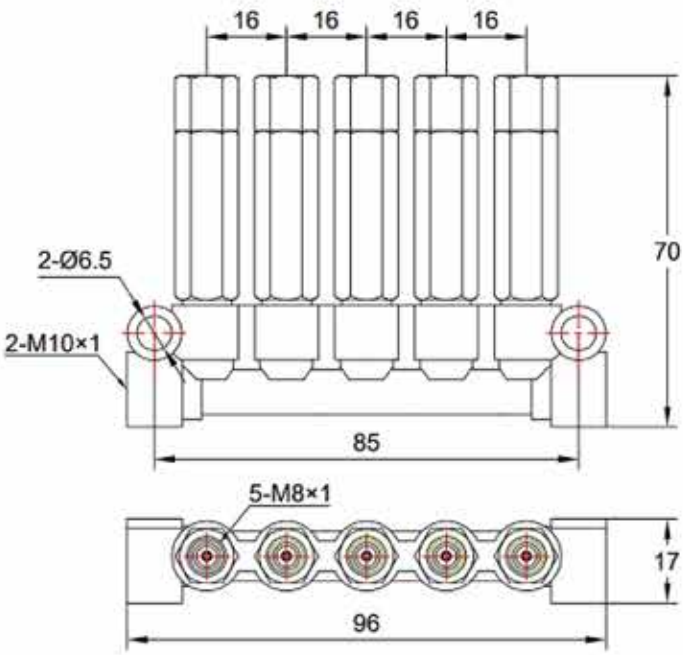
Specifications and technical parameters

ITEMS	Number of outlet	Inlet	Outlet	L	A
PV-4-6	4	M10*1	M10*1	49	38
PV-5-6	5	M10*1	M10*1	65	54
PV-6-6	6	M10*1	M10*1	81	69
PV-7-6	7	M10*1	M10*1	97	85
PV-8-6	8	M10*1	M10*1	113	101
PV-9-6	9	M10*1	M10*1	129	117
PV-10-6	10	M10*1	M10*1	145	133
PV-12-6	12	M10*1	M10*1	177	165

PVD Volumetric type oil /grease distributor

The metering parts and the junction are divided structure, according to the oil demand of each lubrication point, choose the corresponding metering parts at will, and the PV series coupling body can be freely combined, series and parallel use.

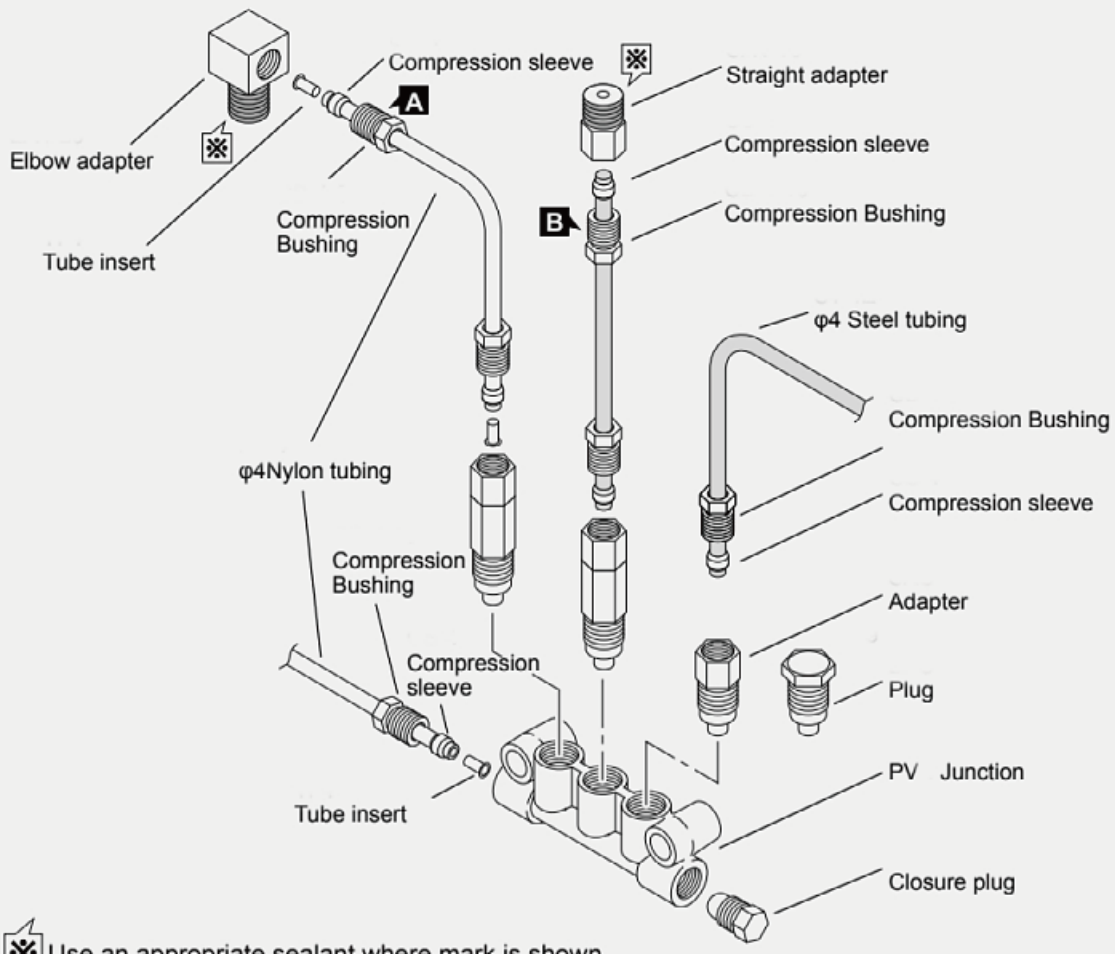
PVD-5-6



Specifications and technical parameters

ITEMS	Number of outlet	Diameter	L	A	Type
PVD-2	2	Φ4/Φ6	49	36	OIL/Grease
PVD-3	3	Φ4/Φ6	65	52	OIL/Grease
PVD-4	4	Φ4/Φ6	81	67	OIL/Grease
PVD-5	5	Φ4/Φ6	97	83	OIL/Grease
PVD-6	6	Φ4/Φ6	113	99	OIL/Grease
PVD-7	7	Φ4/Φ6	129	115	OIL/Grease
PVD-8	8	Φ4/Φ6	145	131	OIL/Grease
PVD-10	10	Φ4/Φ6	177	163	OIL/Grease

Piping layout (Example)



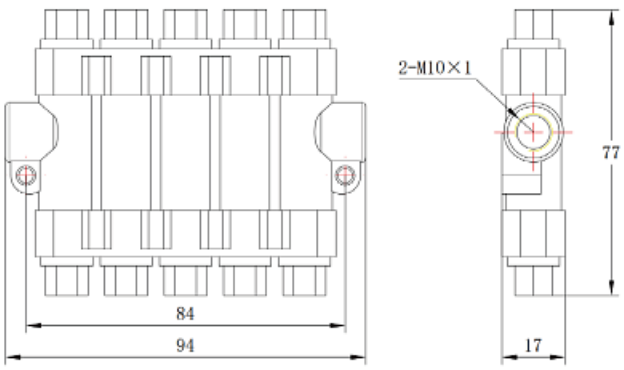
※ Use an appropriate sealant where mark is shown.

Mark denote tightening torque.

RH Volumetric type oil distributor

RH type inspecting volume-type distributors fill the oil when the system pressure in creases and inject the oil out when the system pressure decreases. It is suitable for i nspecting volume type lubrication system. It can be discharged dosing oil to each lu brication points according to the measured volume type distributor. It is widely use d in printing machines, packing machines, machine tool and other machine equipm ent and etc.

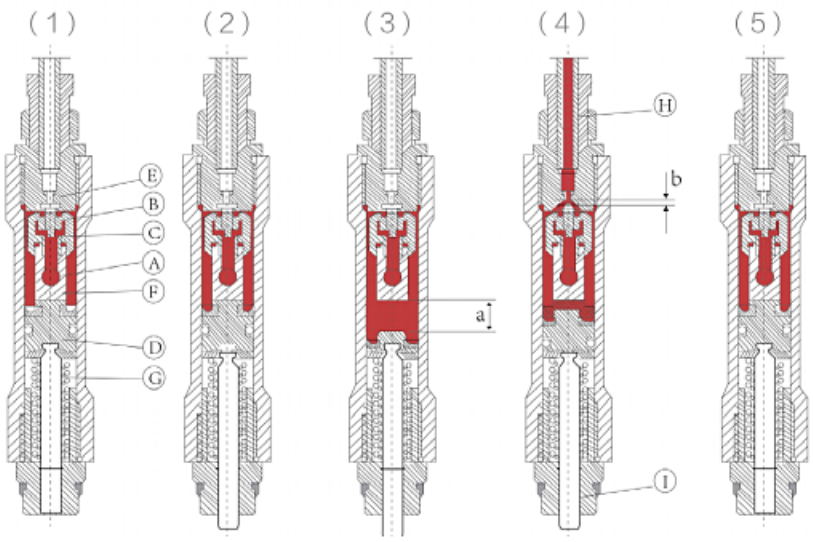
RH3500-50



ITEMS	Number of outlet	Inlet	Outlet	Rate of flow ml/cyc	L	A	Oil
RH3200-*	2	M10*1	M8*1	0.03 0.06 0.1 0.2 0.3 0.4	39	49	20-500cst
RH3300-*	3	M10*1	M8*1	0.03 0.06 0.1 0.2 0.3 0.4	54	64	20-500cst
RH3400-*	4	M10*1	M8*1	0.03 0.06 0.1 0.2 0.3 0.4	72	82	20-500cst
RH3500-*	5	M10*1	M8*1	0.03 0.06 0.1 0.2 0.3 0.4	84	94	20-500cst

working principle

1st>> The oil which sent by thelubrication pump is injected by the main pipe A,
2nd >>umbrella-shaped two-way valve B is pushed upward and through the passage C flows into the piston chamber F.
3rd>>Under the action ofthe pressure oil, the metering piston moves downward, and the spring G is compressed and accumulated, and the oil is stored and start metering.
4th>>When the oil pressure in the main pipe A is released(pressure released),the umbrella val ve B moves downward dueto the pressure, and spitthe exit E,so that the metering oil in the pi ston enters the oil pipe H through the discharge port E, and the oil is delivered to the lubricat ion station,
5th>>the signal pin protrudes when metered,and retracted when supply oil to the lubrication station



ZLFA Volumetric type oil /grease distributor

ZLFA distributor is the pressure discharge action, namely the pressure agent transpo rted by the lubrication pump pushes the piston in the gauge, the reservoir into the ca pacity room, the indicator rod out (indicator), when the system is unloaded, the pist on of the spring force to force the tolerance chamber to the lubrication point, and th e rod is retracted (the lubrication pump in a working cycle, the metering is only.Oil out once).

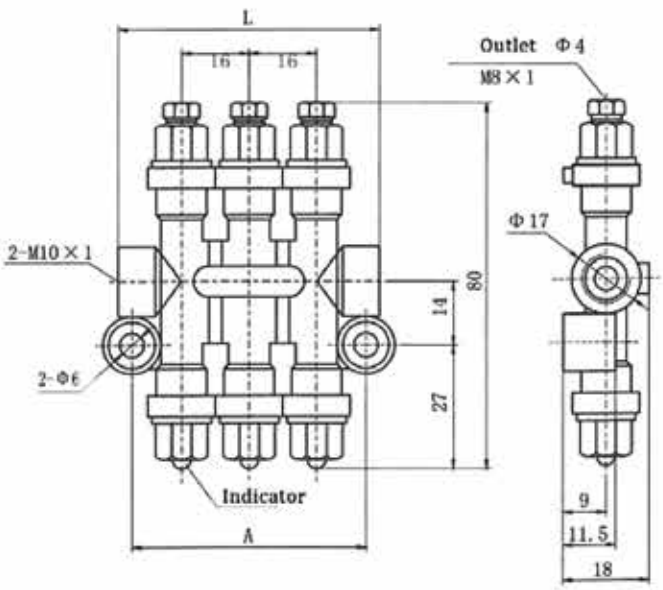
◆The system must work intermittently, and the supporting lubrication pump must b e unloaded.

◆ accurate measurement, sensitive action, smooth oil discharge, one-check valve ca n prevent oil reflux.

◆The can be connected either in parallel or in series according to the actual needs o f the lubrication system.

◆ main oil pipe outer diameter of 6. Oil inlet is directly equipped with hollow nut GN 6 and double cone card sleeve GB6.

ZLFA3-30



Specifications and technical parameters for oil and grease

ITEMS	Number of outlet	working pressur e Mpa	Rate of flow ml/cyc	L	A	Oil
ZLFA2-*	2	2	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	40	50	20-500cst
ZLFA3-*	3	2	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	56	66	20-500cst
ZLFA4-*	4	2	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	72	82	20-500cst
ZLFA5-*	5	2	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	88	98	20-500cst
ZLFA6-*	6	2	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	104	114	20-500cst
ZLFA2-*Z	2	4	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	40	50	NLGI 0.00. 000
ZLFA3-*Z	3	4	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	56	66	NLGI 0.00. 000
ZLFA4-*Z	4	4	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	72	82	NLGI 0.00. 000
ZLFA5-*Z	5	4	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	88	98	NLGI 0.00. 000
ZLFA6-*Z	6	4	0.03 0.06 0.1 0.2 0.3 0.4 0.5 0.6	104	114	NLGI 0.00. 000

Note: The outlet joint has bite type and quick connector type

T86 Volumetric type oil /grease distributor

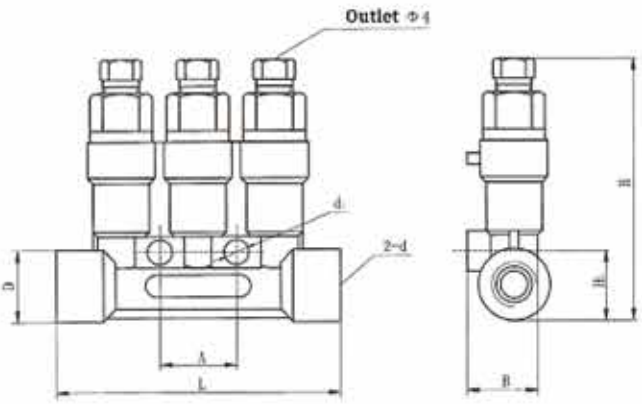
T86 distributor is the pressure action type, the pressure agent transported by the lubri cation pump pushes the piston in the metering device, the oil agent last stored in the metering chamber to the lubrication point, when the system unloaded the capacity cha mber, is Prepare for the next working cycle (lubrication pump in one working cycle, t he gauge only once).

◆ Rated working pressure, oil :2.0MPa grease :4.0MPa.

◆The system must work intermittently, and the supporting lubrication pump must be unloaded.

◆ accurate measurement, sensitive action, smooth oil discharge, one-check valve can prevent oil reflux.

◆ can be connected in parallel or in series according to the actual needs of the lubric ation system, and any position installation does not affect the distributor oil discharg e.



T8617A

Specifications and technical parameters for oil

ITEMS	Number of outlet	working pressure M pa (Oil)	Rate of flow ml/cyc	d	d1	A	B	H	H1	D	L
T8616*	2	2	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	3-Φ5.5	36	13.5	58	18	Φ16	46
T8617*	3	2	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	17	13.5	58	15.5	Φ16	63
T8619*	4	2	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	34	13.5	58	15.5	Φ16	80
T8618*	5	2	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	51	13.5	58	15.5	Φ16	97
T86106*	6	2	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	68	13.5	58	15.5	Φ16	114
T8622*	2	2	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	Φ6	/	17	72	17	Φ18	46
T8623*	3	2	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	2-Φ6	17	17	72	17	Φ18	63
T8620*	4	2	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	2-Φ6	34	17	72	17	Φ18	80
T8624*	5	2	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	2-Φ6	51	17	72	17	Φ18	97
T8626*	2	2	A(0.2) B(0.4) C(0.6) D(1.0) E(1.5)	M12*1.25	Φ6	/	16	86	18	Φ18	50
T8627*	3	2	A(0.2) B(0.4) C(0.6) D(1.0) E(1.5)	M12*1.25	2-Φ6	21	16	86	18	Φ18	71
T8628*	5	2	A(0.2) B(0.4) C(0.6) D(1.0) E(1.5)	M12*1.25	2-Φ6	63	16	86	18	Φ18	113

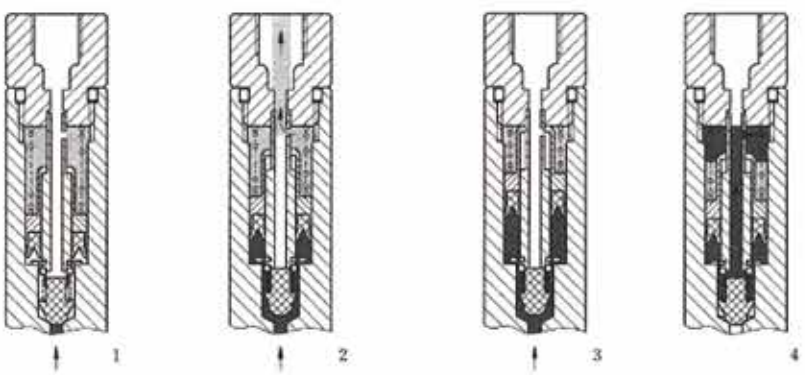
Specifications and technical parameters for grease

ITEMS	Number of outlet	working pressure Mpa (Grease)	Rate of flow ml/cyc	d	d1	A	B	H	H1	D	L
T8616*Z	2	4	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	3-Φ5.5	36	13.5	58	18	Φ16	46
T8617*Z	3	4	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	17	13.5	58	15.5	Φ16	63
T8619*Z	4	4	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	34	13.5	58	15.5	Φ16	80
T8618*Z	5	4	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	51	13.5	58	15.5	Φ16	97
T86106*Z	6	4	A(0.03) B(0.06) C(0.1) D(0.16)	M10*1	2-Φ5.5	68	13.5	58	15.5	Φ16	114
T8622*Z	2	4	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	Φ6	/	17	72	17	Φ18	46
T8623*Z	3	4	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	2-Φ6	17	17	72	17	Φ18	63
T8620*Z	4	4	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	2-Φ6	34	17	72	17	Φ18	80
T8624*Z	5	4	A(0.1) B(0.2) C(0.4) D(0.6)	M12*1.25	2-Φ6	51	17	72	17	Φ18	97
T8626*Z	2	2	A(0.2) B(0.4) C(0.6) D(1.0) E(1.5)	M12*1.25	Φ6	/	16	86	18	Φ18	50
T8627*Z	3	2	A(0.2) B(0.4) C(0.6) D(1.0) E(1.5)	M12*1.25	2-Φ6	21	16	86	18	Φ18	71
T8628*Z	5	2	A(0.2) B(0.4) C(0.6) D(1.0) E(1.5)	M12*1.25	2-Φ6	63	16	86	18	Φ18	113

Note: The outlet joint has bite type and quick connector type

working principle

1. Before oil discharge: the lubrication pump starts to operate, deliver the lubricant, and the pressure of the main road begins to rise.
2. Oil discharge: The pressure lubricant in the main road pushes the leather bowl up, closes the center hole of the core rod, forcing the piston to overcome the spring force to start to rise, and the oil agent originally stored in the upper capacity chamber begins to discharge out.
3. Complete the oil discharge: the pressure of the main road reaches the rated value, and the piston is moved to the top of the upper capacity chamber, and the oil discharge is completed.
4. In metering: the lubrication pump stops working, the unloading valve opens itself, make the main road pressure oil through the discharge valve, the measuring piston under the action of the spring, and the leather bowl reply closed metering oil inlet, the piston stored in the lower capacity chamber through the core hole pressure to the upper capacity chamber, to prepare for the next oil supply.



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