



ISO9001

LUBRICATION SYSTEM

Pavee®



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Focus on Quality
Devote to Service

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Pavee®

Nanjing Pavee Machinery Products CO., Ltd
INTRODUCTION



Nanjing Pavee Machinery Products Co., Ltd is a high-tech enterprise located at Nanjing, China. The company dedicates itself exclusively to centralized lubrication, as well as specialized hydraulic systems.

We work closely with several institutes in Nanjing, keep on developing & researching innovative patented products, which offer competitive advantages to our customers. What sets us apart from our competitors is our professional team, focus on highly-engineered, quality products, and tailor-made solution.

We are accredited with ISO 9001. We have improved our quality control system of whole processes inside and outside. On this basis, we offer variety of lubricators, dividers, fittings, hydraulic units, etc.

High performance, reliable products have impressed upon our customers deeply. The experienced team strives to tailor specialized products and services to the customers. Energy efficient, Environment friendly, lead us to more and more industrial application, such as concrete & construction machinery, port industrial, crane, forging machinery, textile, printing machinery, mineral industry, automobile chassis, and automatic production line, etc.



ALPHA

DESCRIPTION

ALPHA is a high efficient piston pump with compact structure, multi-function, and durability. It can work stably against tough conditions in various industrial applications, such as forging & pressing machine, mineral machine, heavy vehicle, machine tools, etc.



FEATURE:

- An optional built-in pump unit can offer high pressure and max discharge volume about 22ml/min.
- Patented transmission runs the pump unit efficiently and environment friendly.
- Patented grease level switch gives out an alarm signal when the reservoir is empty.
- A built-in digital timer is optional.
- When equipped with a solenoid relief valve, the pump can work well in PDI mode.
- 2 optional outlets, horizontal or vertical outlet.

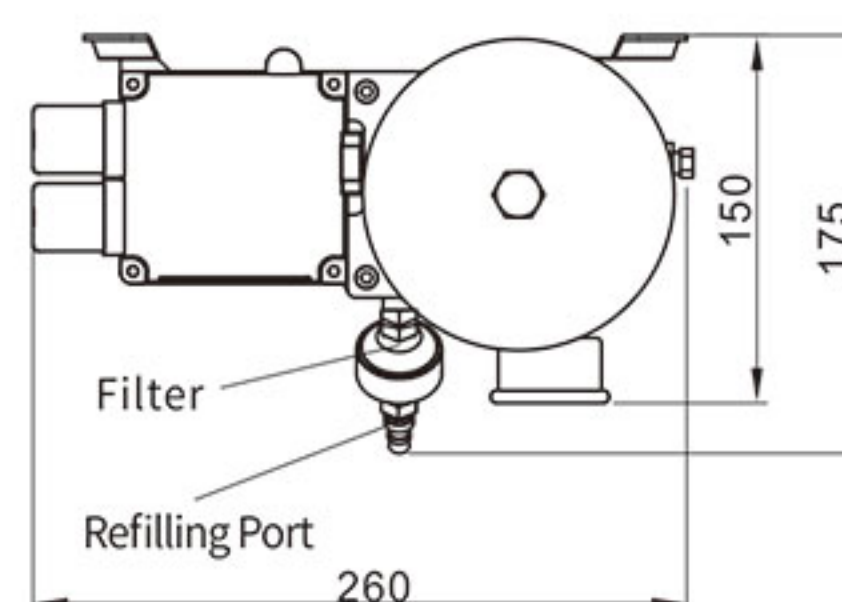
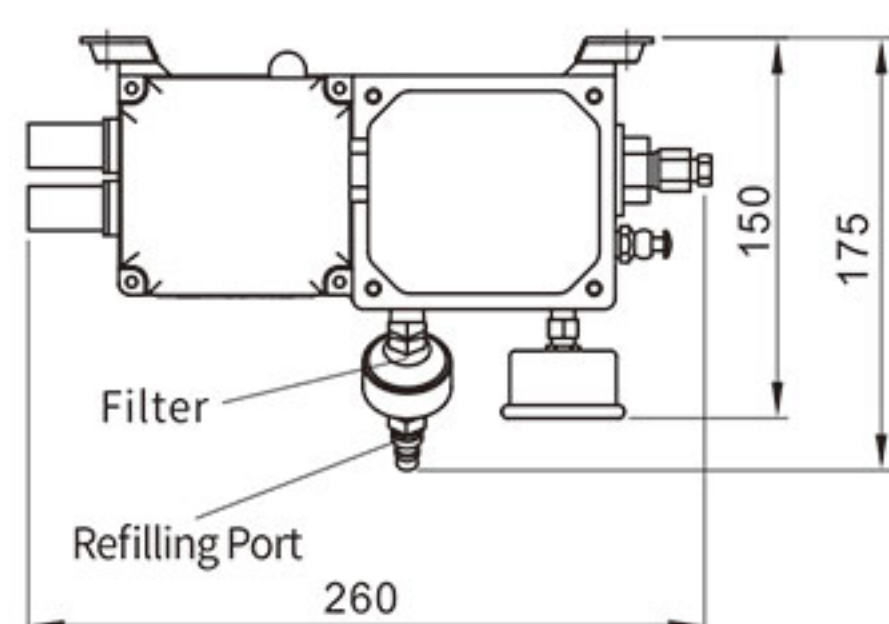
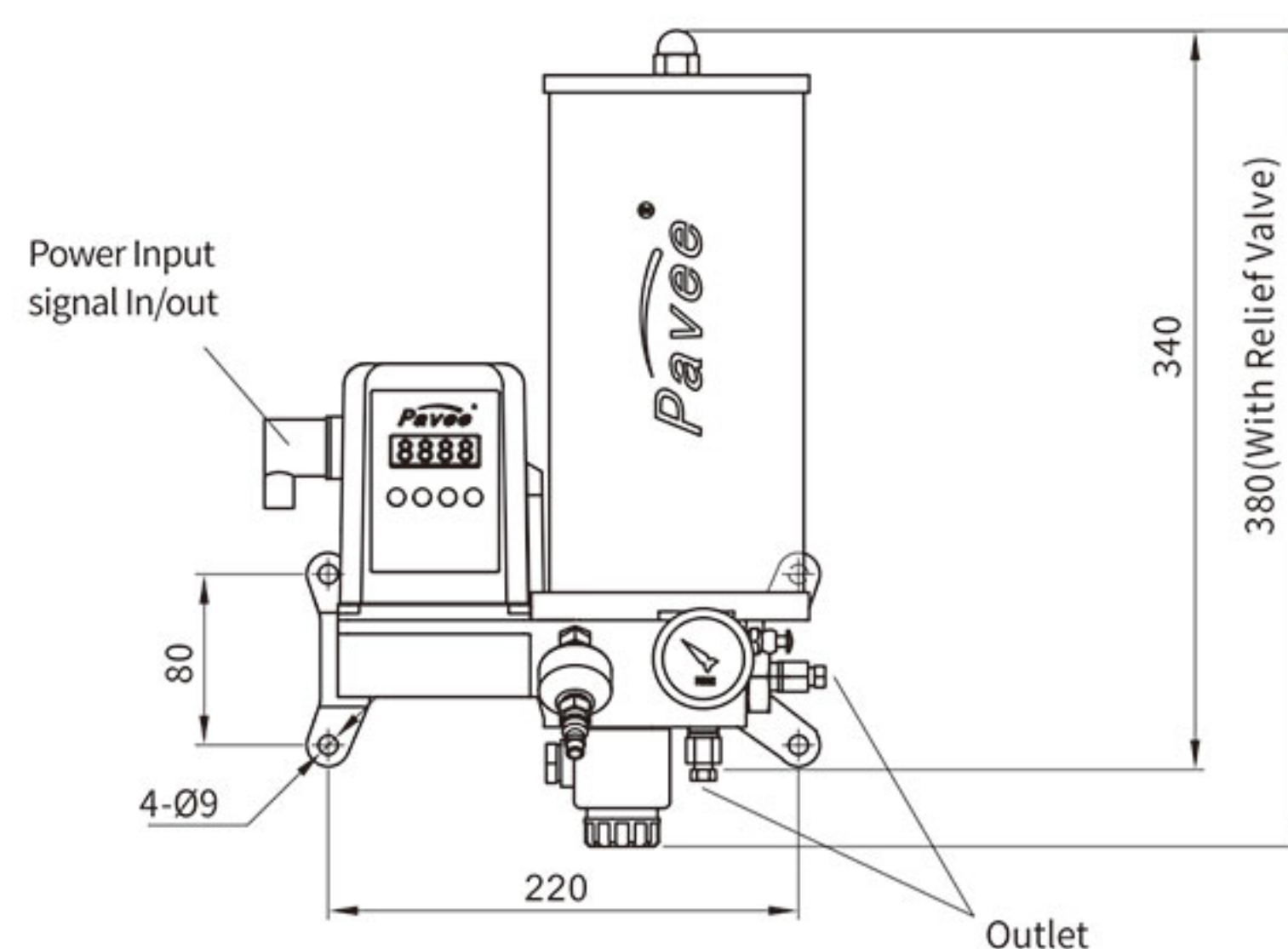
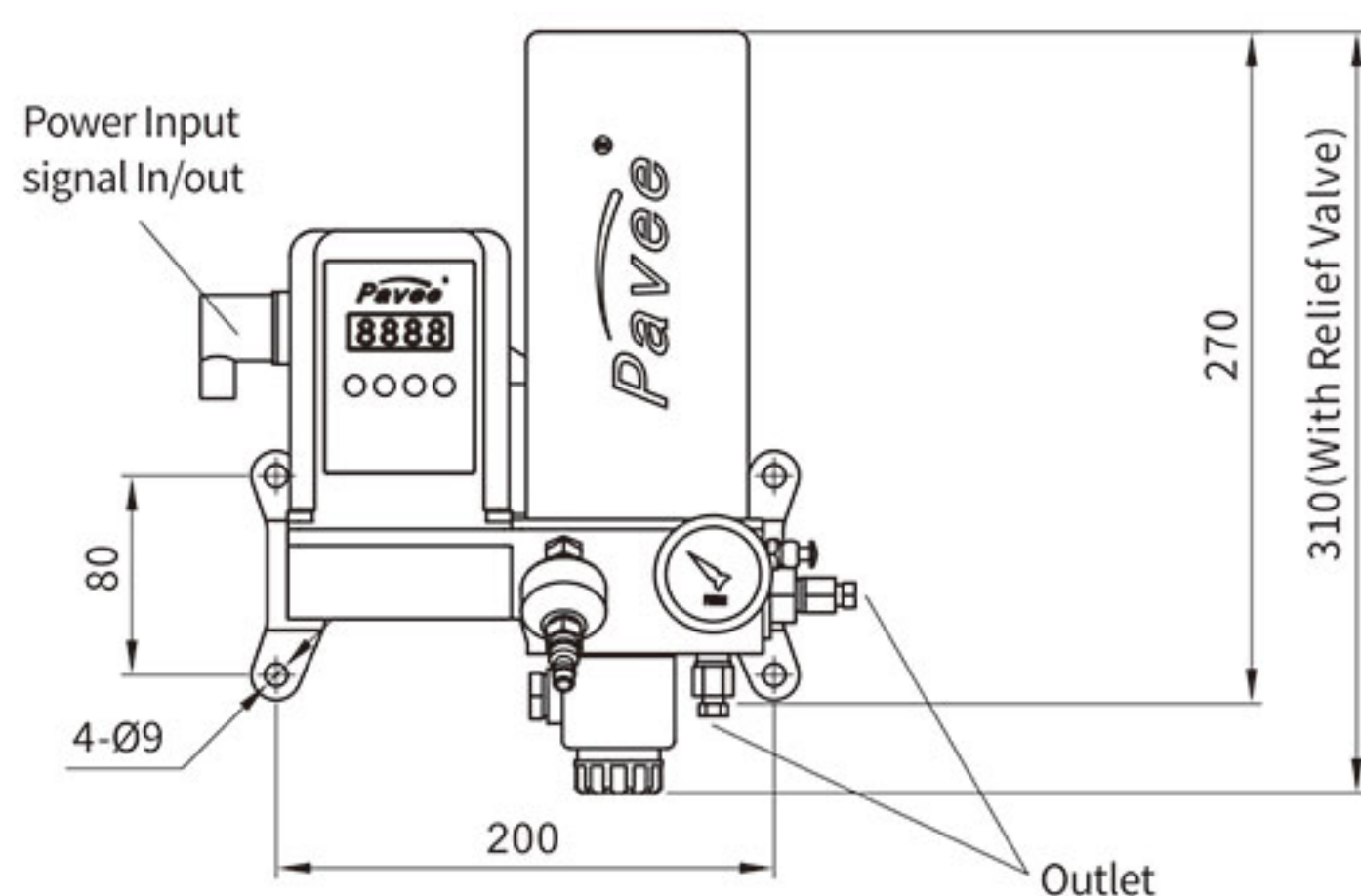


SPECIFICATION

Rated Pressure	12MPa	21MPa
Rated Discharge	22ml/min	13ml/min
Power Input	12VDC or 24VDC	
Motor Output	25W	
Built-in Timer	5W (Optional)	
Relief Valve	25W (Optional)	
Reservoir Capacity	1L or 2L	
Outlet Screw	Rp1/4	
Lubricant Viscosity	NLGI 000#---2# or Oil	
Ambient temperature	-25°C ~ 60°C	

ALPHA

DIMENSIONS



ORDERING NO.

Patent No.201730427102.6
Patent No.201721154101. X

Power Input	Rated Discharge	Reservoir	Divider	Timer	Level switch	Following plate
D: 24VDC	1: 13ml/min	1: 1L	D: PRG	BLANK: N/A	BLANK: N/A K: Singal Output	BLANK: N/A
E: 12VDC	2: 22ml/min	2: 2L	X: PDI	T: with	K1: PNP K2: NPN K3: Micro Switch	Y: with

NOTE:

- A following plate is only equipped with 2 liters reservoir
- Level Switch "K": an output signal from lubricator with built-in timer;
- Level Switch "K1/k2": an output signal from 1 liter lubricator without built-in timer;
- Level Switch "K3": an output signal from 2 liters lubricator without built-in timer;

Ordering: ALPHA-D22X-TKY

POLY

DESCRIPTION

POLY lubricator is designed for various applications. It can work against tough conditions to provide proper lubrication. It works mostly with PRG dividers to serve proper lube to the points. When equipped with a level switch and a built-in timer, the lubricator can run automatically. All units in the lubricator are protected well against water and dust. And the protection grade is IP65.

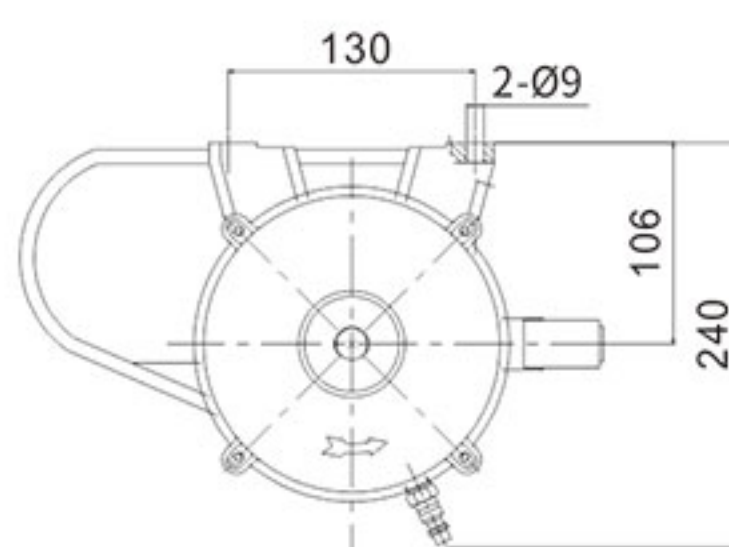
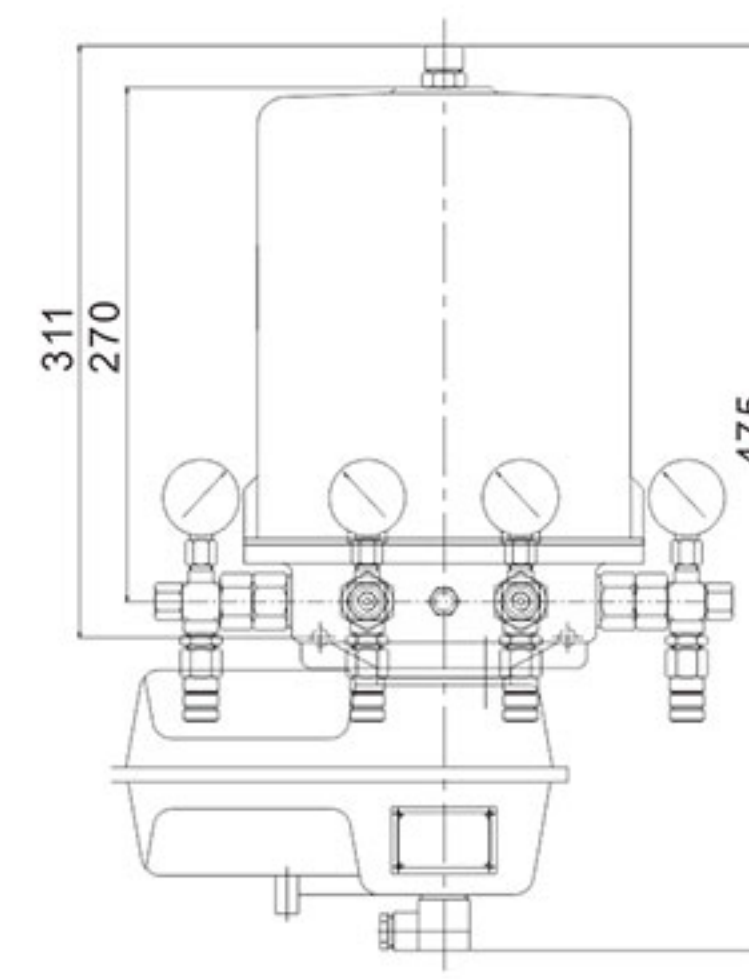
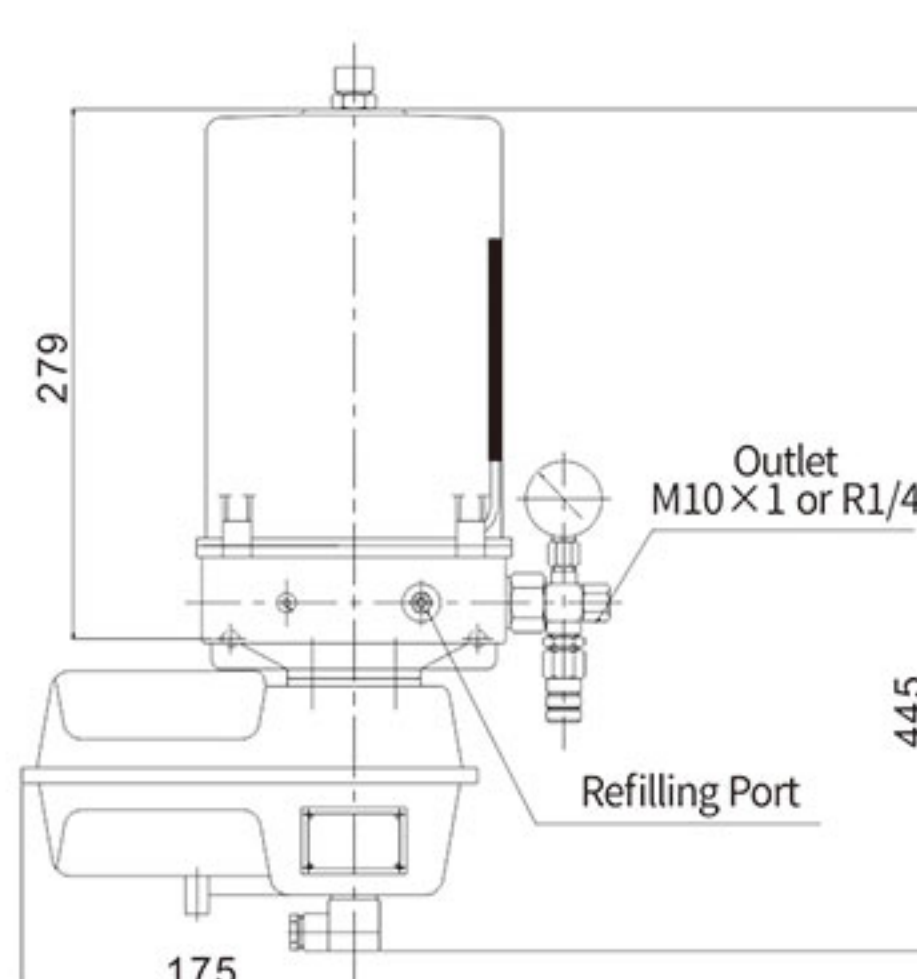
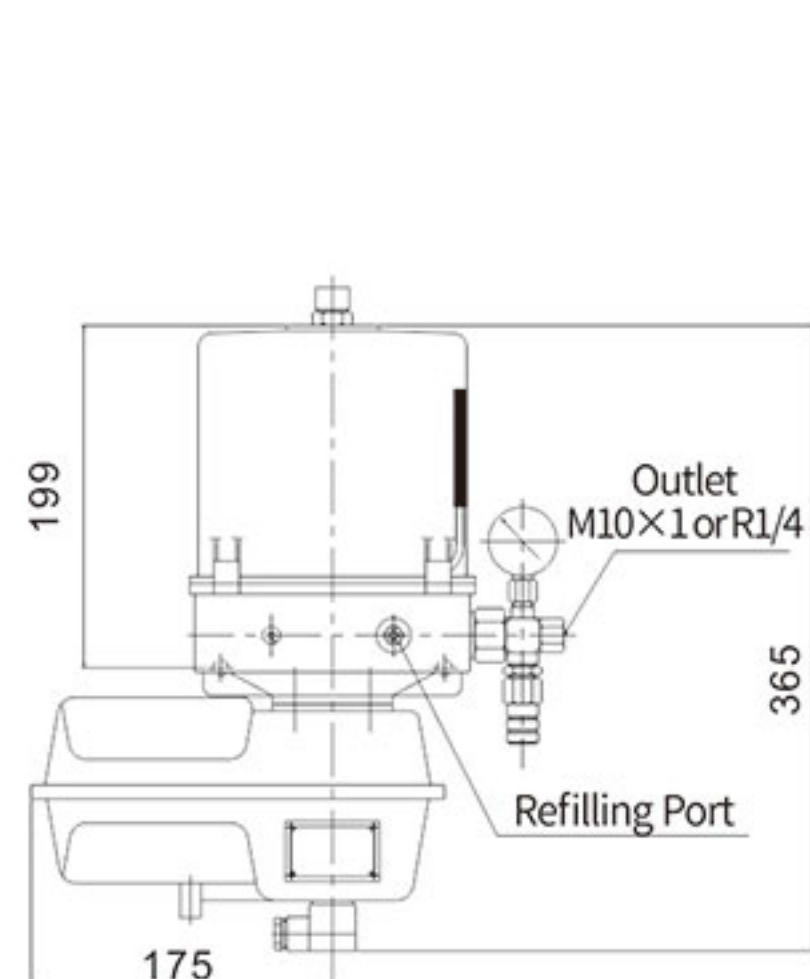


SPECIFICATION

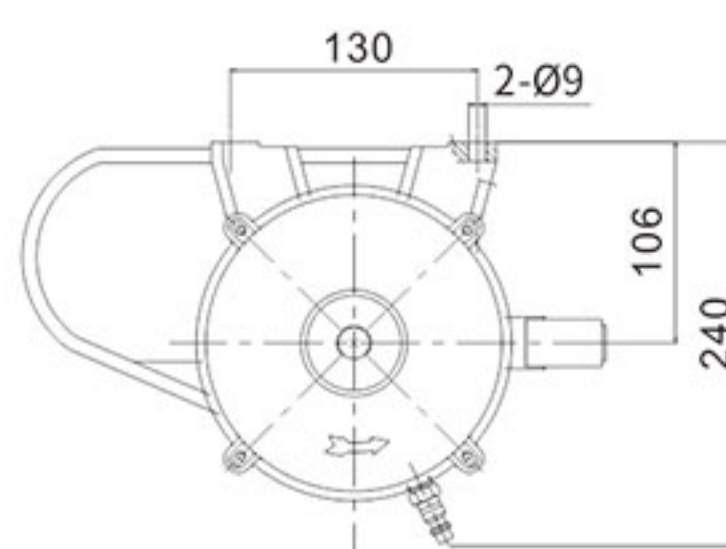
Rated Pressure	30MPa
Rated Discharge	Every outlet:1.8ml/min, 5ml/min,8ml/min,10ml/min
Power Input	12VDC、24VDC、110VAC、220VAC、380VAC
Motor Input	12VDC/24VDC, 50W
Reservoir Capacity	2L、4L、8L (Nylon)
Outlet Screw	Rp1/4, M10*1,(Or others special ordering)
Lubricant Viscosity	NLGI 000#---2#
Ambient Temperature	-25°C~60°C

POLY

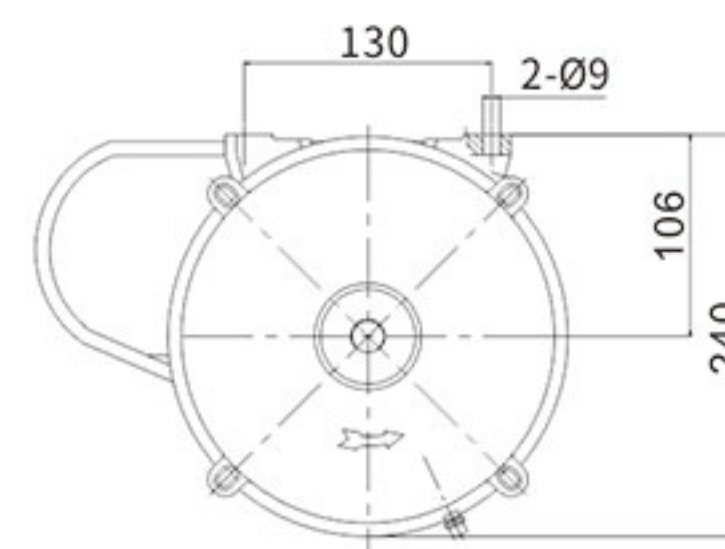
DIMENSIONS



2L



4L



8L

ORDERING NO.

Power Input	Motor Speed	QTY of outlet	Reservoir	Outlet	Relief Valve	Pressure Gauge	Others
A: 380VAC	1: 18rpm	1: 1	2: 2L	0: G1/4	0: N/A	0: N/A	K1: PNP level switch
B: 220VAC	2: 44rpm	2: 2	4: 4L	M: M10*1	1: Standard	4: Φ40, 16MPa	K2: NPN level switch
C: 110VAC	3: 56rpm	3: 3	8: 8L	R: Rp1/4	2: Built-in	5: Φ50, 35MPa	T: Built-in Timer
D: 24VDC	4: 70rpm			N: Other special ordering			H: combine outlets
E: 12VDC		6: 6					P: High Volume

Ordering: POLY-B214-M15-TK1

SKOM

DESCRIPTION

SKOM lubricator is a powerful pump with rigid frame against tough conditions. It can offer various discharge volume while being equipped with different reducers. It can run reliably with maximum 8 outlets to the lube points directly without distribute block. A larger capacity metal reservoir is optional.

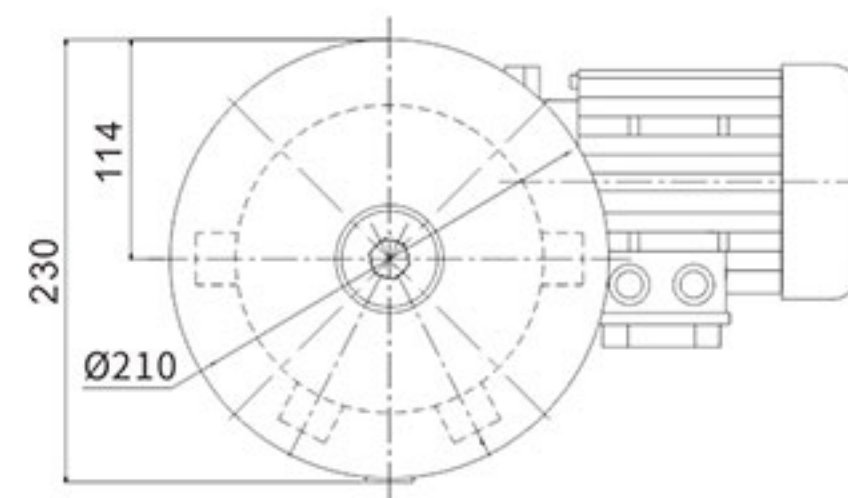
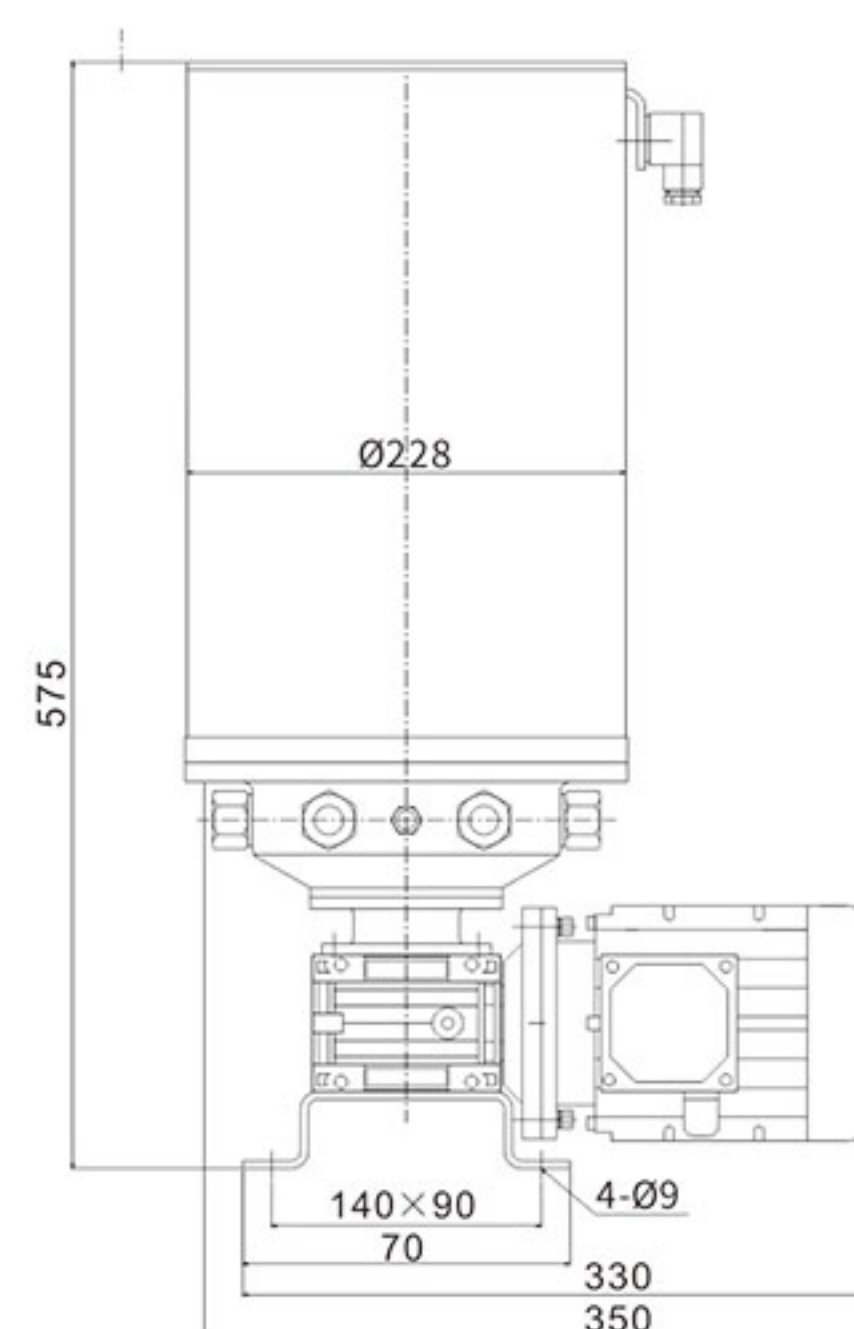
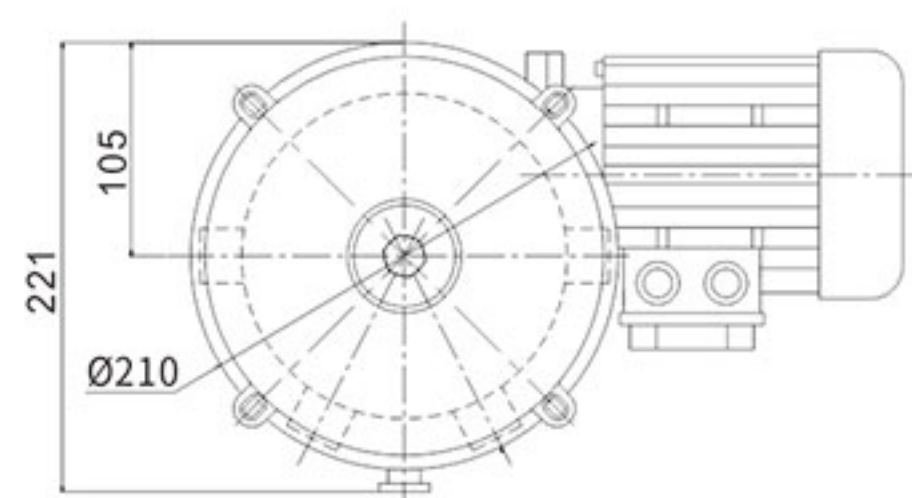
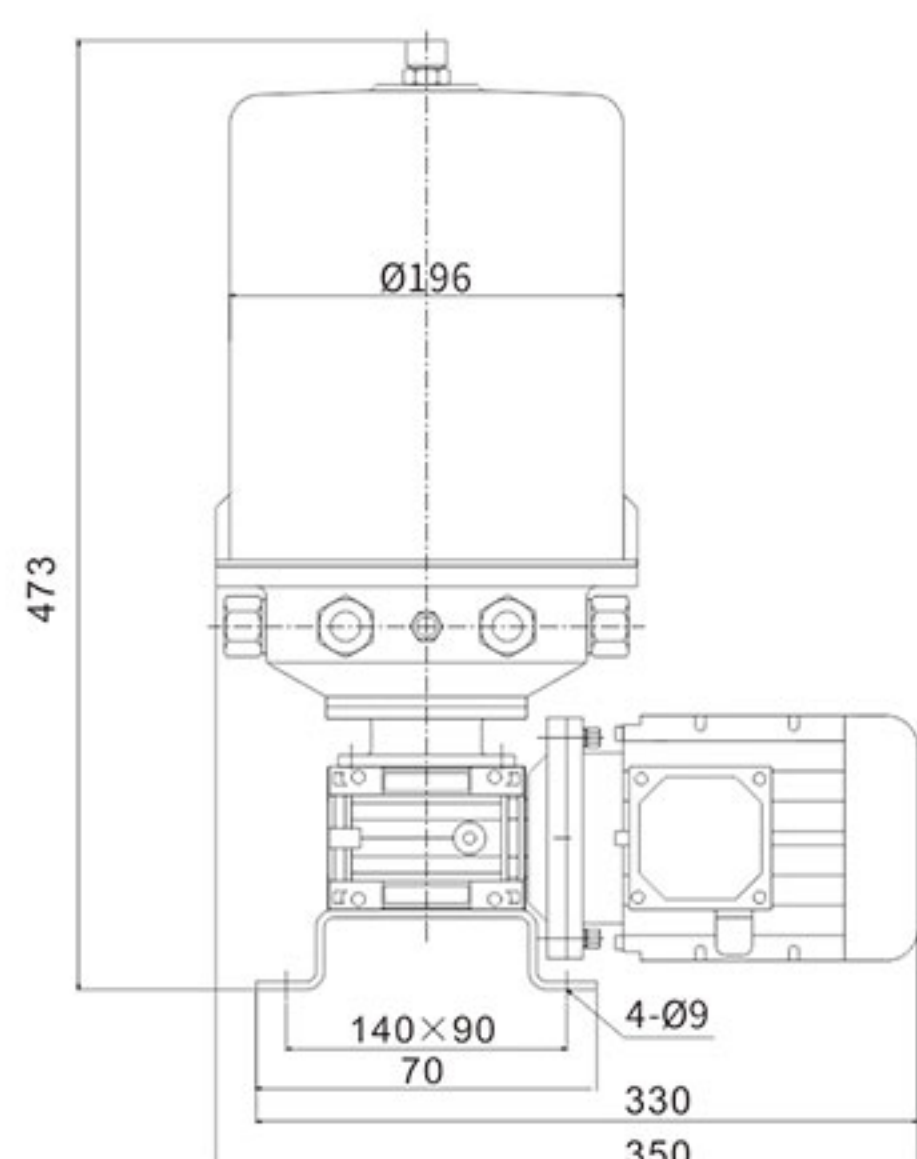


SPECIFICATION

Rated Pressure	30MPa
Rated Discharge	1.6ml/min, 6.5ml/min, 10ml/min
Power Input	380VAC/90W, 220VAC/90W
Reservoir Capacity	8L (Nylon) , 15L(Metal)
Outlet Screw	Rp1/4, M10*1
Lubricant Viscosity	NLGI 000#---2#
Ambient Temperature	-25°C~60°C

SKOM

DIMENSIONS



ORDERING NO.

Power Input	Motor Speed	Qty of outlet	Reservior	Outlet Screw	Relief Valve	Pressure Gauge	Others
A:380VAC	1: 14rpm	1: 1	8: 8L	0: G1/4	0: N/A	0: N/A	K1: PNP Switch
B:220VAC	2: 56rpm	2: 2	B: 15L	M: M10*1	1: Standard	4: Φ40,16MPa	K2: NPN Switch
C:110VAC	3: others	3: 3		R: Rp1/4	2: Built-in	5: Φ50,35MPa	T: Timer
				N:Other special ordering			H: combine outlets
		8: 8					P: High Volume

Ordering: SKOM-A21B-R15-K1-P

BETA

DESCRIPTION

BETA lubricator consists of a gear pump, a powerful motor, and an optional built-in timer. It is usually running with metering unit or oil injector for oil lube system

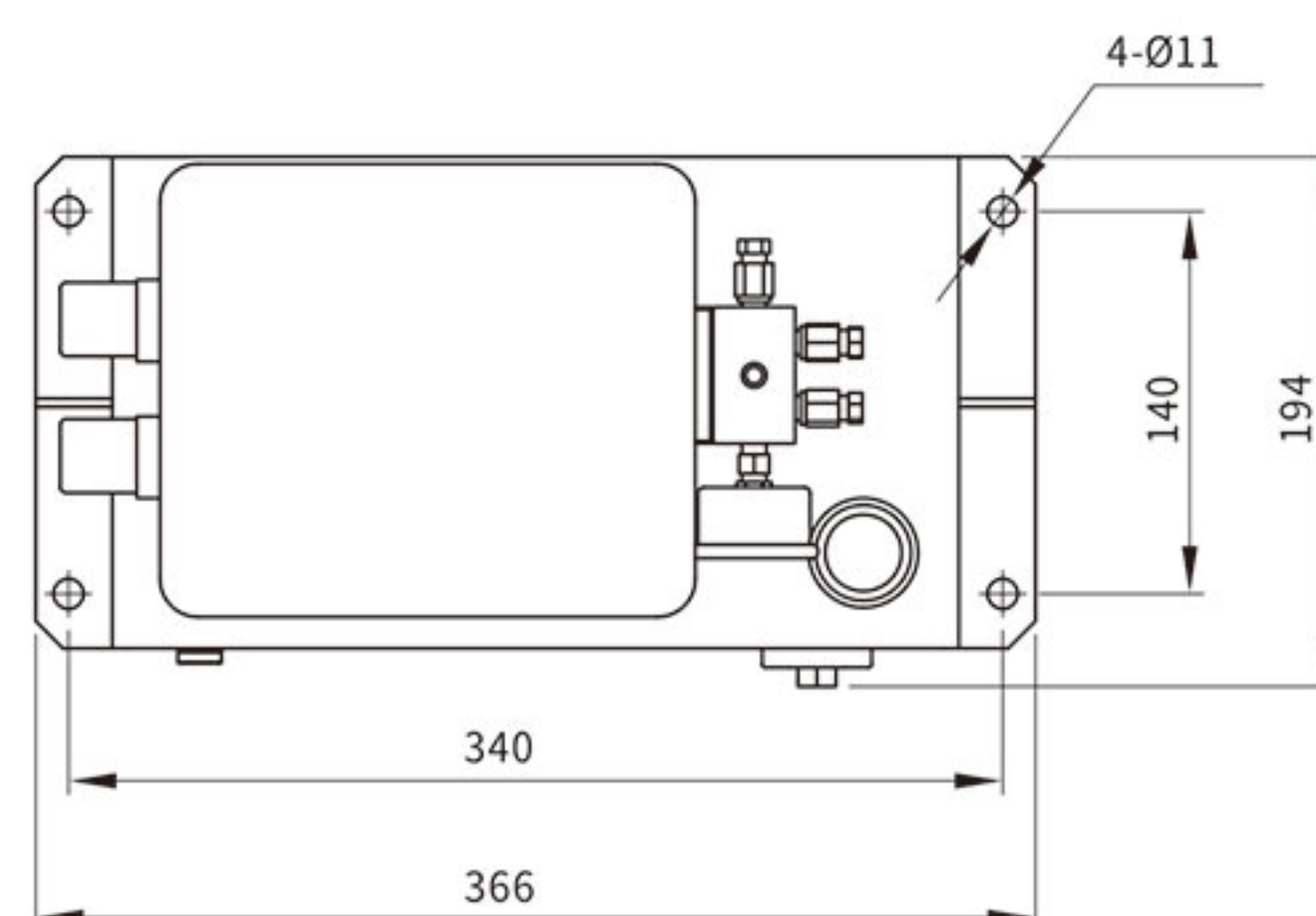
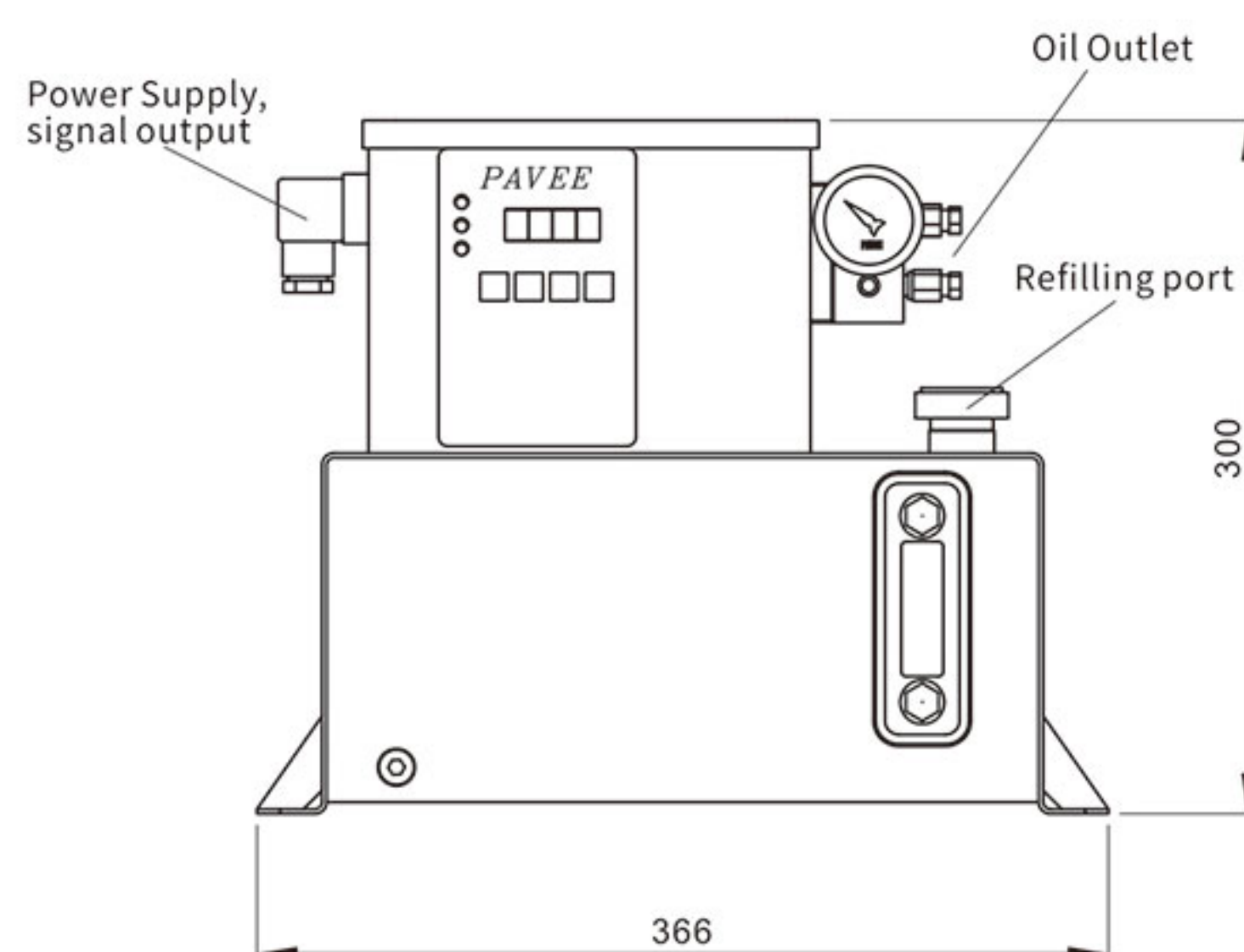
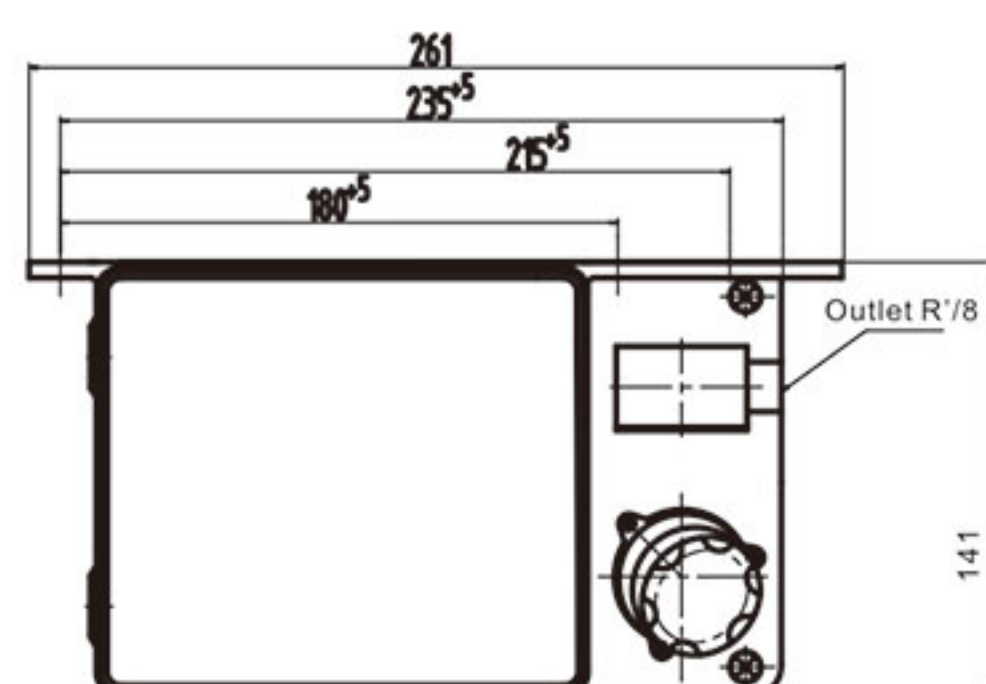
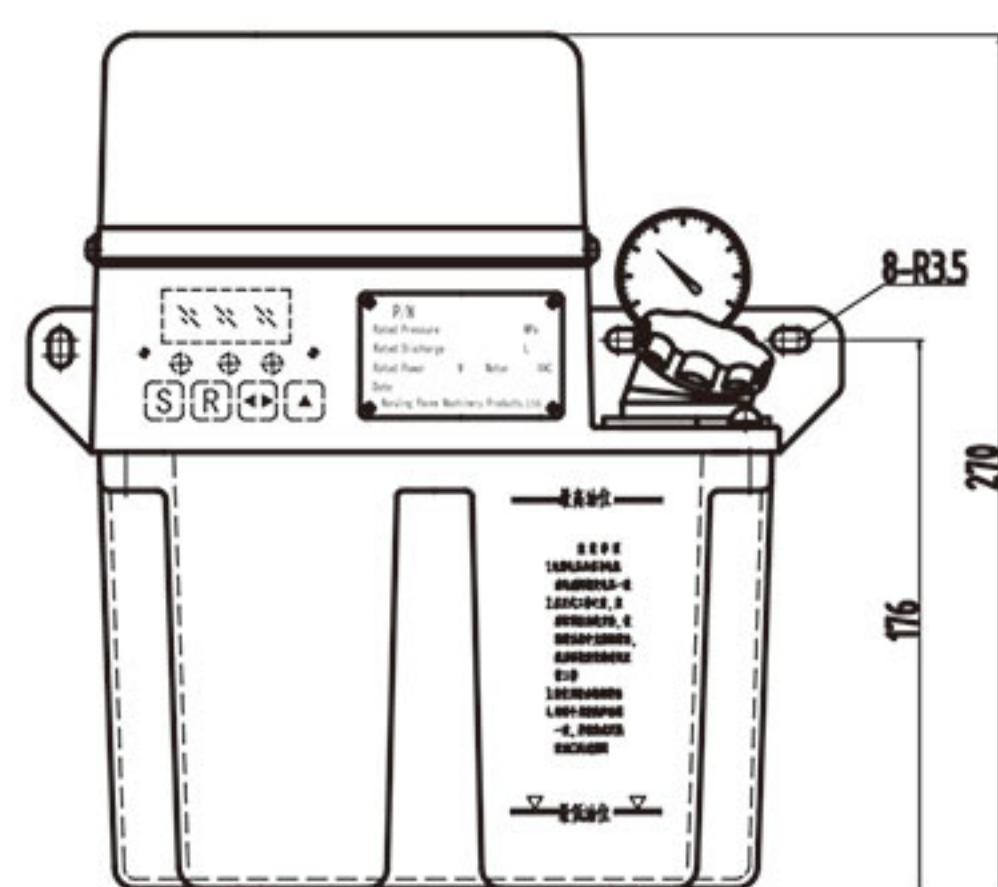


SPECIFICATION

Rated Pressure	2.5MPa, 3.5MPa
Rated Discharge	108ml/min, 216ml/min, 600ml/min
Power Input	380VAC, 220VAC, 110VAC, 24VDC, 12VDC
Motor Output	15W, 40W, 50W
Reservior Capacity	2L, 3L (PC) , 7L(Metal)
Outlet Screw	Rp1/8, M10*1
Lubricant Viscosity	32~2000 Cst
Ambient Temperature	-25°C~60°C

BETA

DIMENSIONS



ORDERING NO.

Power Input	Rated Discharge	Rated Pressure	Reservoir	Timer	Level switch	Relief valve
A: 380VAC	1: 108ml/min	1: 2.5MPa	2: 2L	BLANK: N/A	BLANK: N/A	BLANK: N/A
B: 220VAC	2: 216ml/min	2: 3.5MPa	4: 4L	T: With	K: With	X: With
C: 110VAC	3: 600ml/min		7: 7L			
D: 24VDC						
E: 12VDC						

24VDC input, 7 litres Reservoir, built-in Timer, for PDI
Ordering : BETA-D327-R15-TK-X

KUKAPUMP

DESCRIPTION

KUKA pump is designed especially for concrete mixer. When connected with a hydraulic cylinder, it works steadily, reliably to open and close the door of hopper.

The hydraulic unit consists of an electrical gear pump, a switch valve block, a manual pump unit and a tank. The manual pump unit usually works at maintenance or test period. In case of power cut, we can also operate the manual pump unit to dump the material from the hopper in time.



FEATURE:

- The hydraulic device is compact and reliable, nice appearance. It is easy to operate and maintenance.
- Quality elements ensure the whole system running smoothly at various rough working conditions.
- High protection grade meet with the concrete mixer's requirement.
- Various optional power voltage for different customer demands.

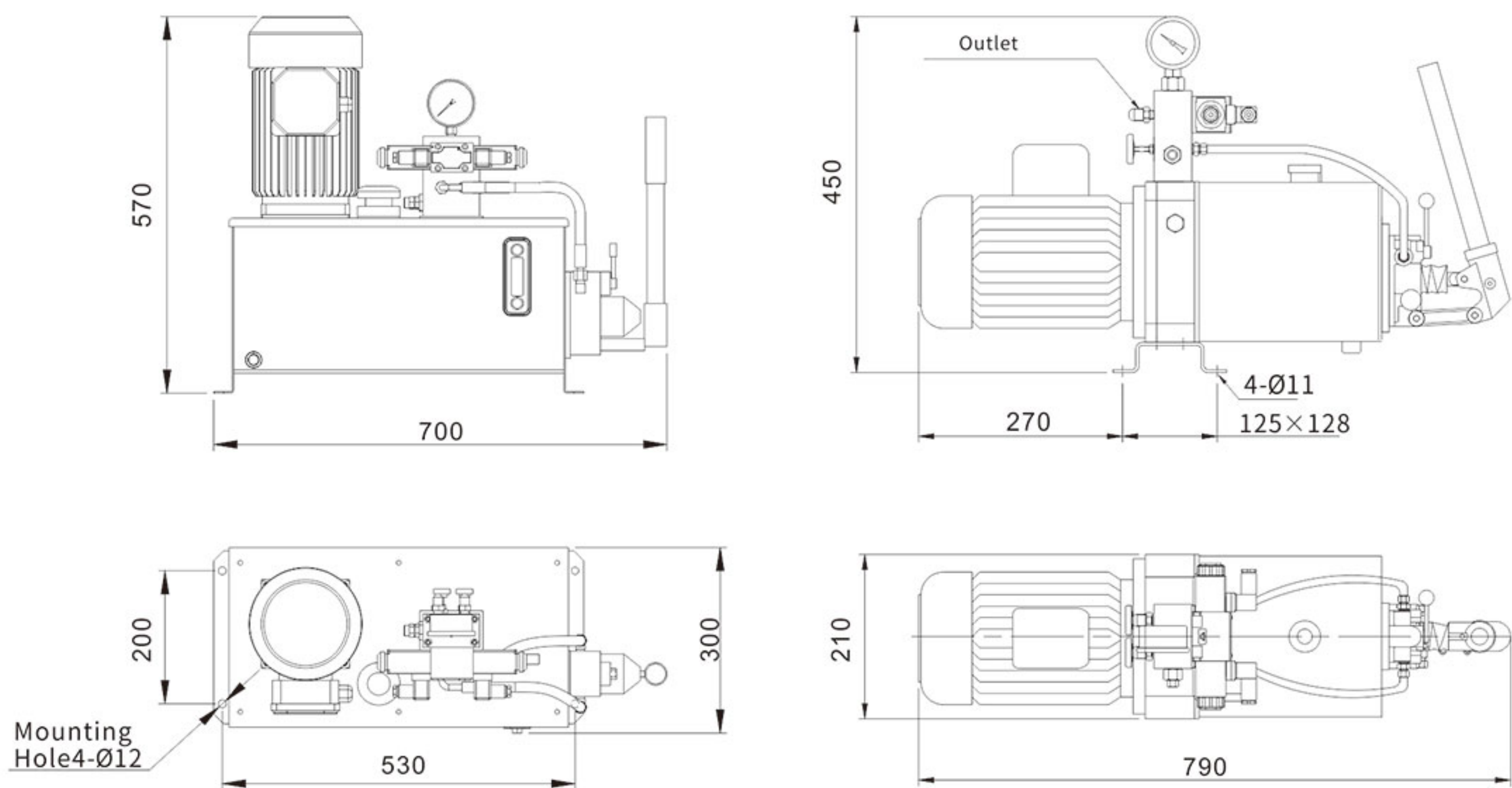


SPECIFICATION

Motor Output	2.2KW	3.0KW
Rated Discharge	10L/min	12L/min
QTY of Outlets	2	2 or 4
Rated Pressure	12MPa	
Manual Discharge	25ml/cyc	
Motor Input	380VAC/50HZ	
Solenoid valve Input	24VDC or 220VAC	
Tank capacity	8L Horizontal or 25L Vertical	
Ambient temperature	-25°C~60°C	

KUKAPUMP

DIMENSIONS



ORDERING NO.

Horizontal or vertical	Motor Output	Rated Discharge	Solenoid valve
W: Horizontal type	2: 2.2KW	10: 10L/min	DC: 24V
L: Vertical type	3: 3KW	12: 12L/min	AC: 220V

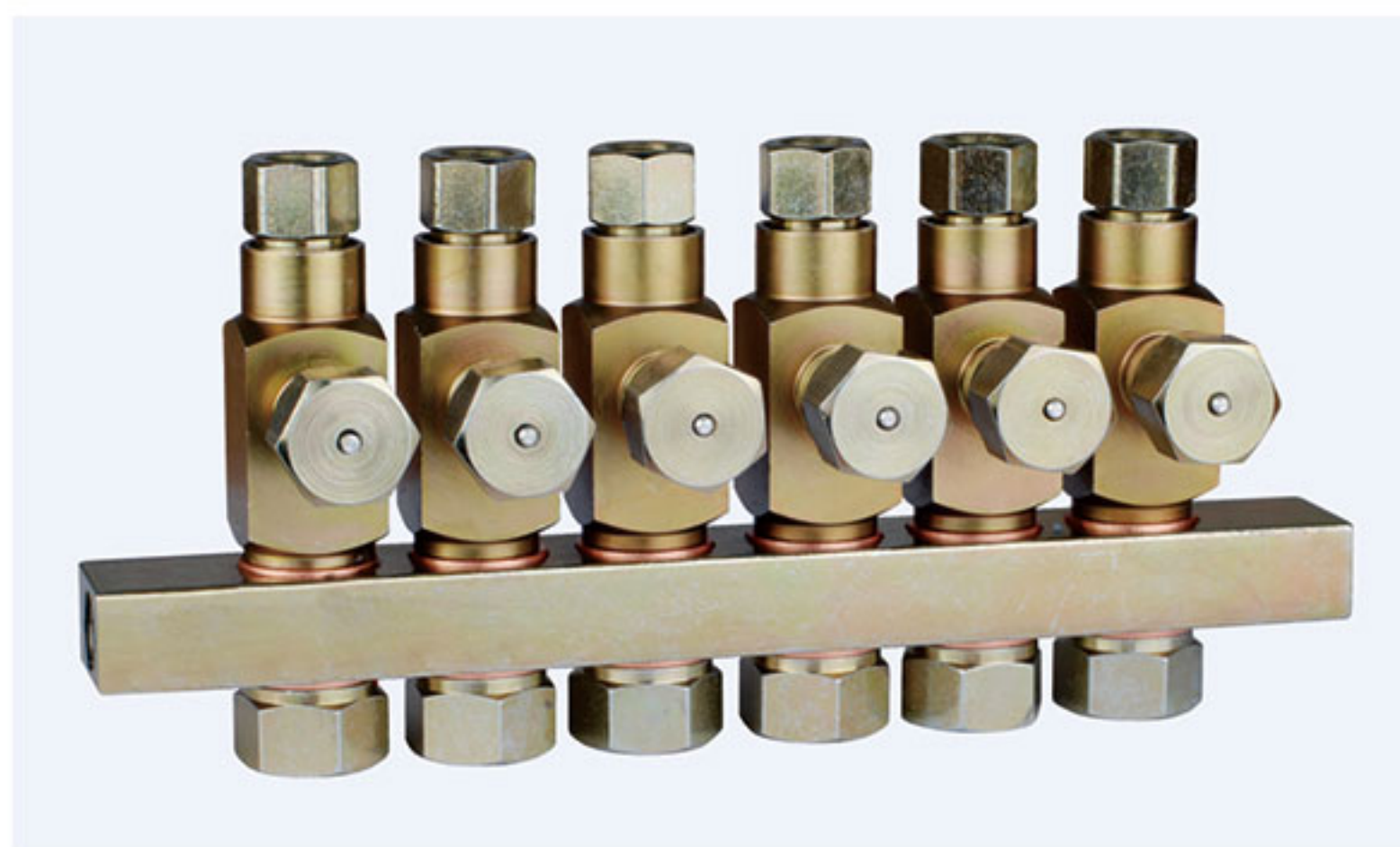
Ordering:KUKA-W210-DC

FL INJECTOR

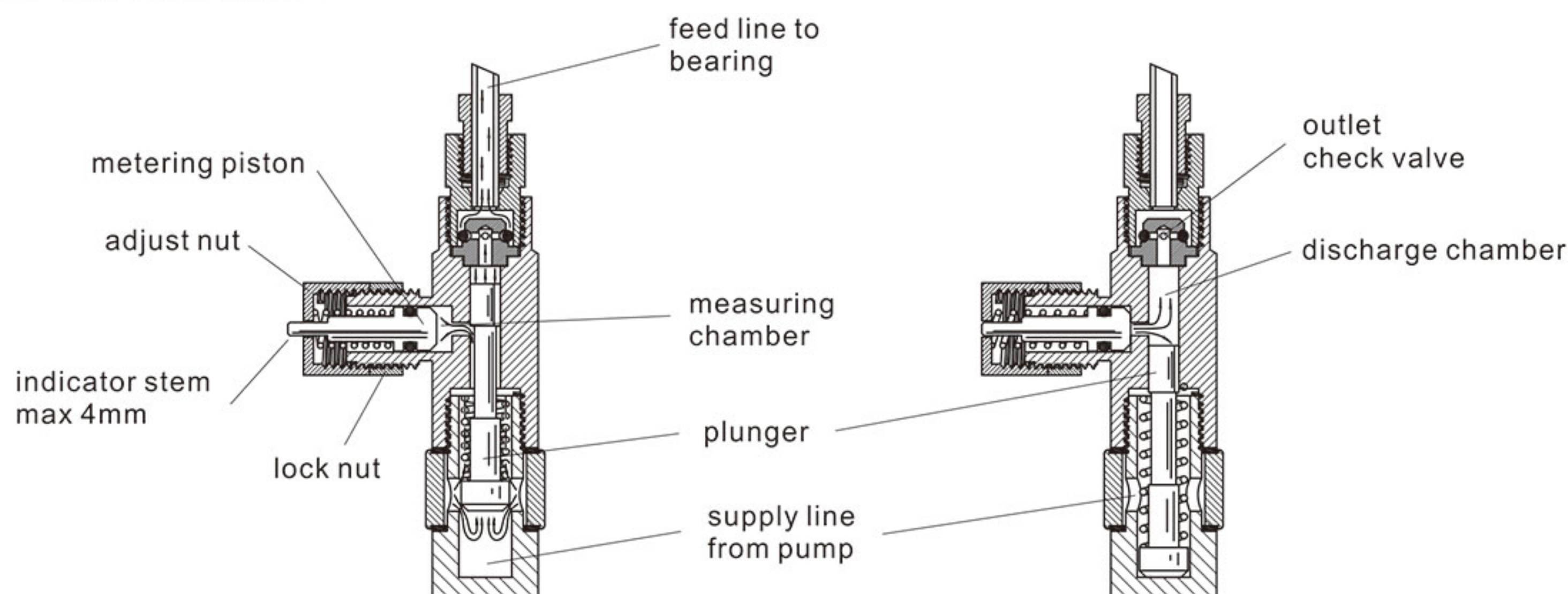
DESCRIPTION

Pavee's **FL injector** provides a reliable and flexible way to design an effective lubrication system for variety of equipment. It works simply with a single main supply line. It is powerful, adjustable, and easy maintenance

Each injector serves only one lubrication point and be accurately adjustable without any special tools to deliver the precise amount of grease or oil required. Individual injectors can be easily removed for inspection or replacement, so that there is almost no lubricant loss or downtime while system maintenance.



PRINCIPLE OF OPERATING



Supply line pressured

starting pressure 6Mpa(950psi)

Supply line relieved

Balanced pressure 1.5Mpa(230psi) maximum

Stage 1:

incoming lubricant, under pressure from the supply line, moves the plunger forward. The plunger forces a pre-charge of lubricant from the discharge chamber through the outlet check valve to the feeding line. When the plunger at the top position, the pressure lubricant moves the metering piston and refills the metering chamber.

Stage 2:

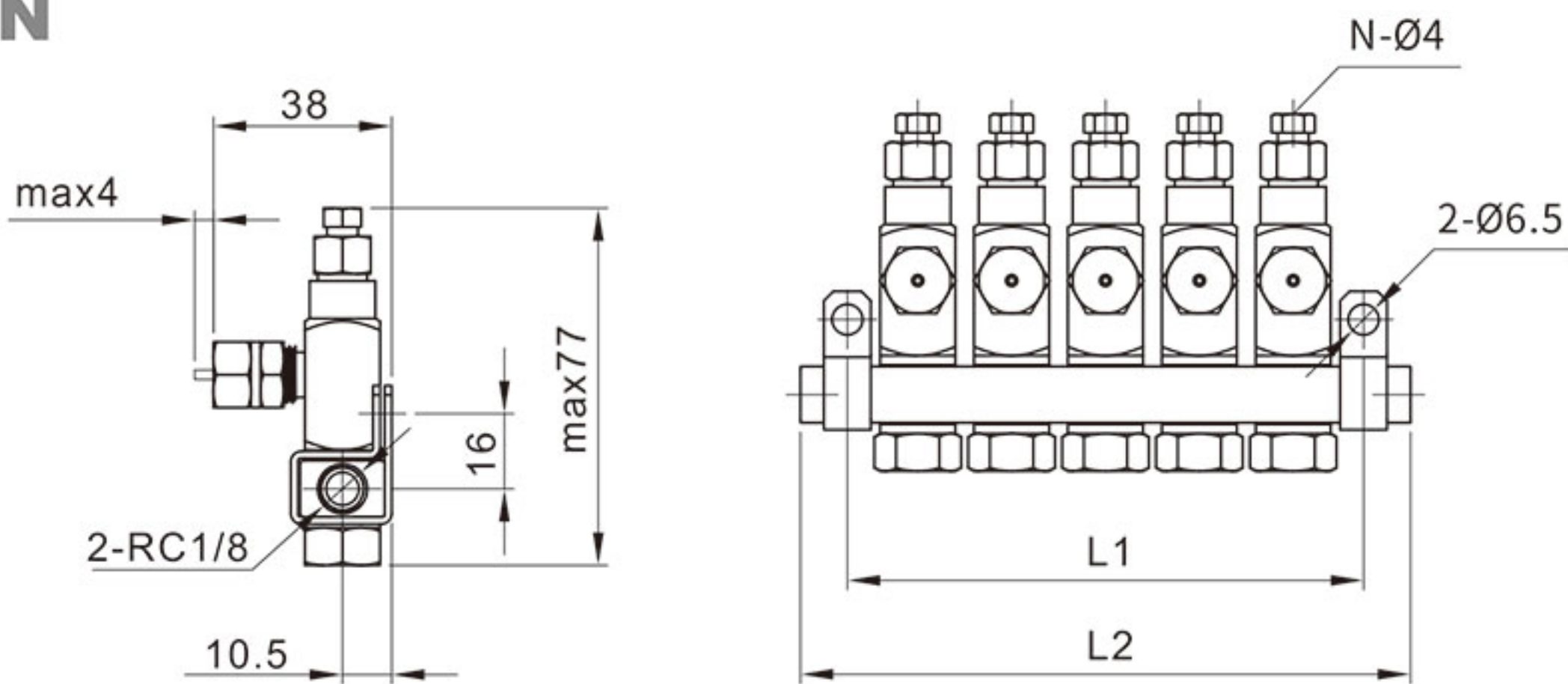
when the system is vented (pressure relieved), the plunger returns to the rest position, pushing lubricant from the measuring chamber to the discharge chamber for next cycle.

FL INJECTOR

SPECIFICATION

Working Pressure	6.5~25MPa
Pressure after Relief	Less than1.5MPa
Discharg per Outlet	0.019~0.143ml/cyc
Viscosity of oil	32~2000 Cst
Viscosity of grease	NLGI 000~2#
Ambient Temperature	-25~80°C (120 °C with VITON seal)
Inlet Screw	Rc1/8
Outlet Pipe	Φ4mm (Nylon&Rigid Pipe)

DIMENSION

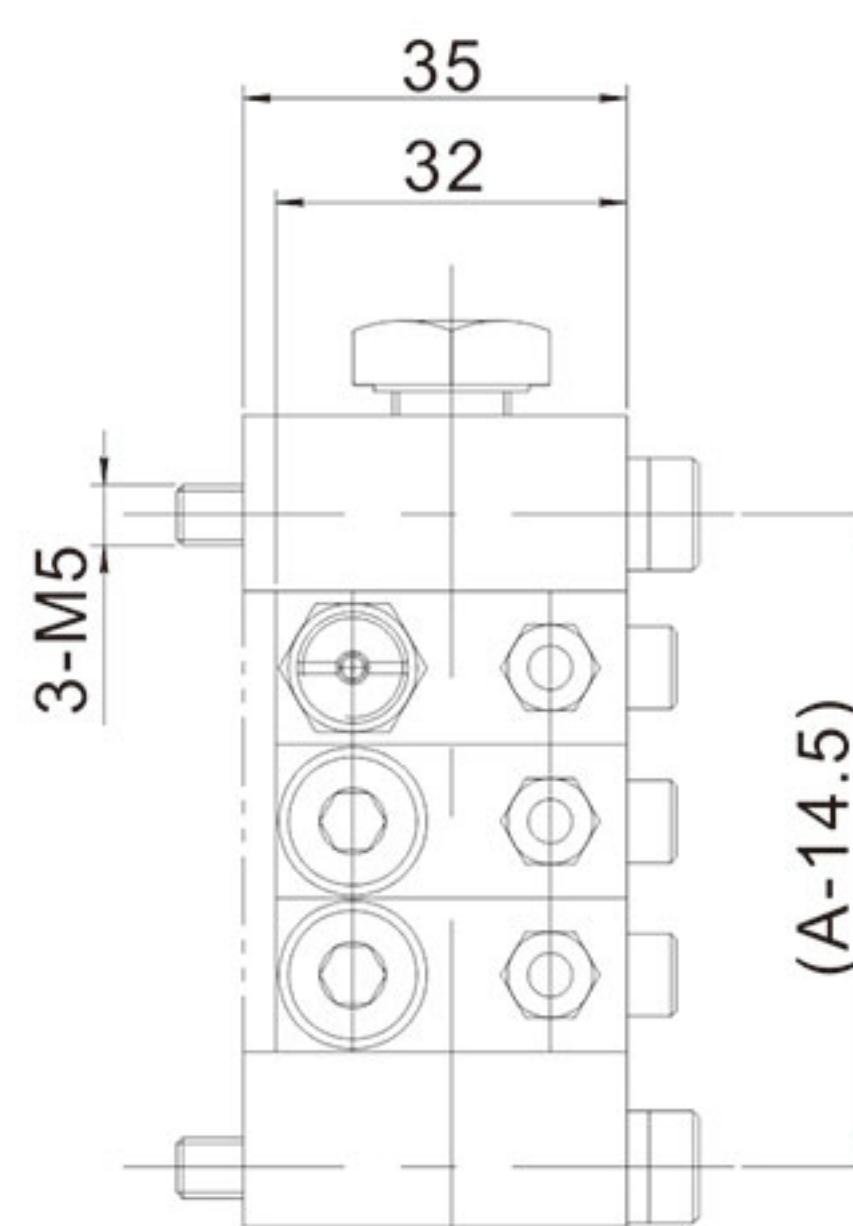
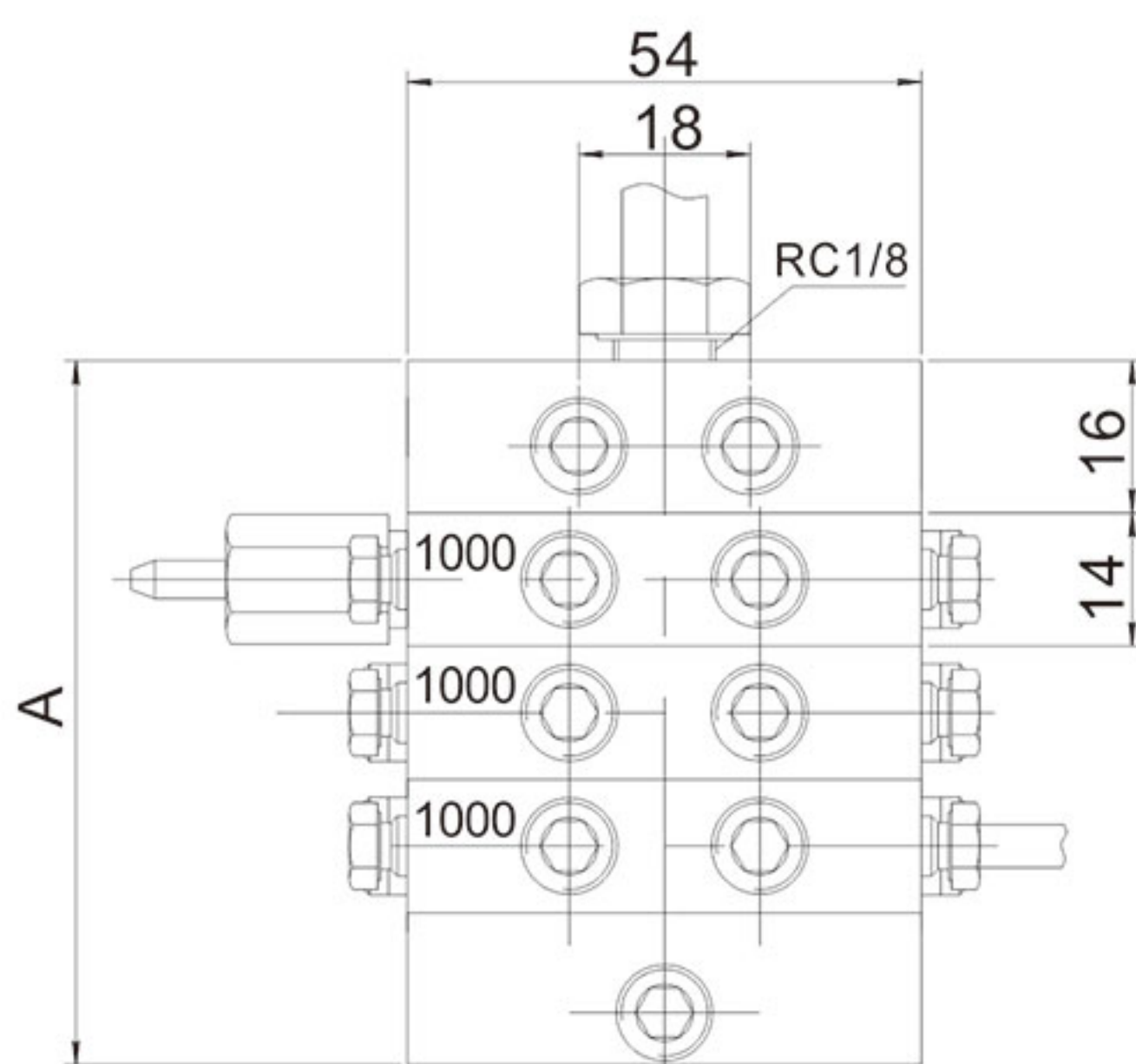
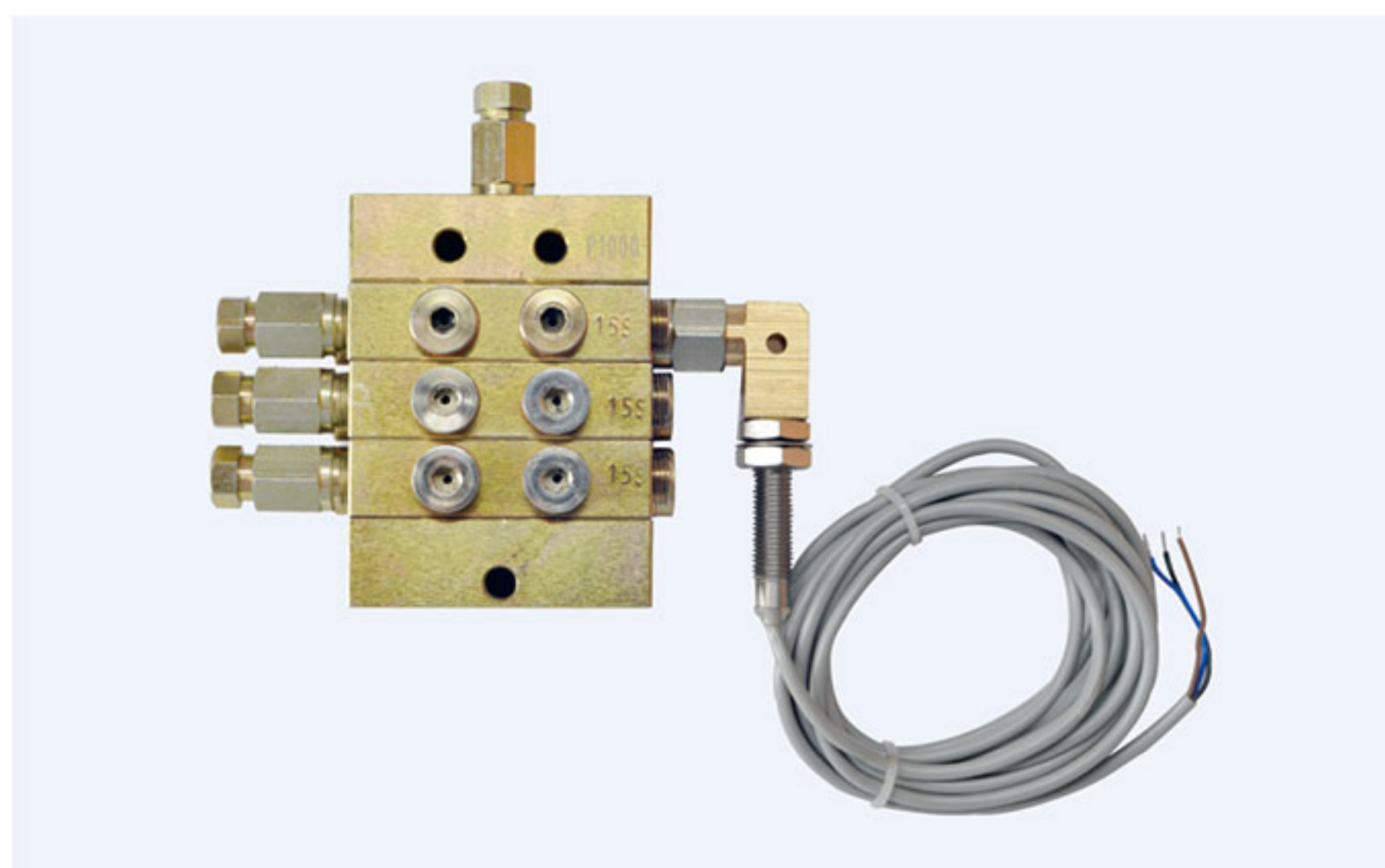


ORDERING NO.

Ordering.NO	Model	Outlets N	L1	L2	Inlet Screw	Outlet Pipe
89013-1	FL-01	1	30	50	Rc1/8	4mm
89013-2	FL-02	2	50	70		
89013-3	FL-03	3	70	90		
89013-4	FL-04	4	90	110		
89013-5	FL-05	5	110	130		
89013-6	FL-06	6	130	150		
89013-7	FL-07	7	150	170		
89013-8	FL-08	8	170	190		
89013-9	FL-09	9	190	210		
89013-10	FL-10	10	210	230		

PRG DIVIDER

Segment code	Discharge (ml)
1000-05T	0.08
1000-05S	0.16
1000-10T	0.16
1000-10S	0.32
1000-15T	0.24
1000-15S	0.48



P1000-SPECIFICATION

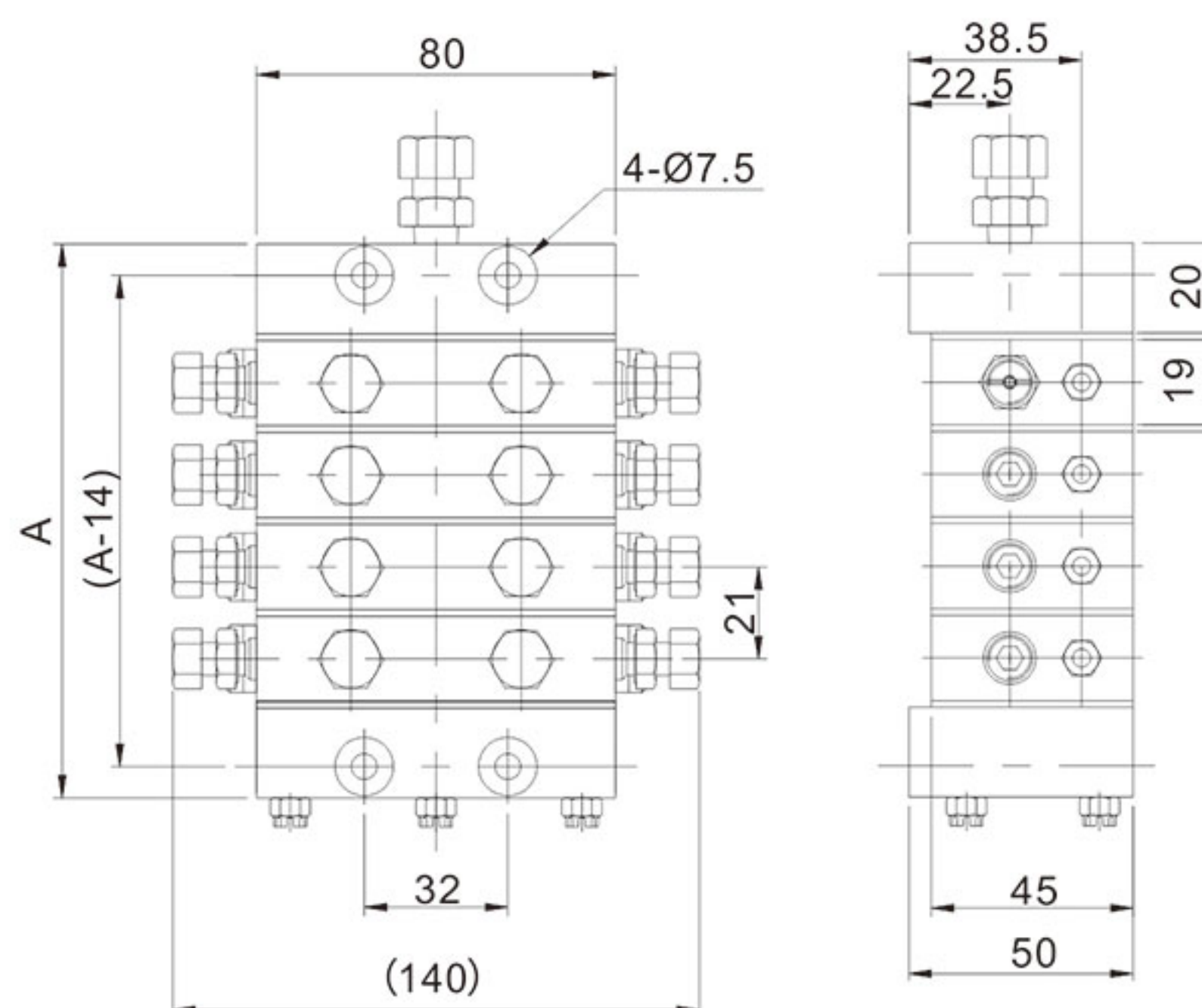
Max Pressure	Inlet	Outlet	Segment size mm	Mounting DIM	Mounting thread	Length A
25MPa	Rp1/8	Rp1/8	54*32*14	18	3-M5	A=32+ N*14 N :pcs of segments

Base Code:58501

PRG DIVIDER



Segment code	Discharge (ml)
2000-10T	0.16
2000-10S	0.32
2000-15T	0.24
2000-15S	0.48
2000-20T	0.32
2000-20S	0.64
2000-25T	0.40
2000-25S	0.80
2000-30T	0.48
2000-30S	0.96
2000-35T	0.56
2000-35S	1.12



P2000-SPECIFICATION

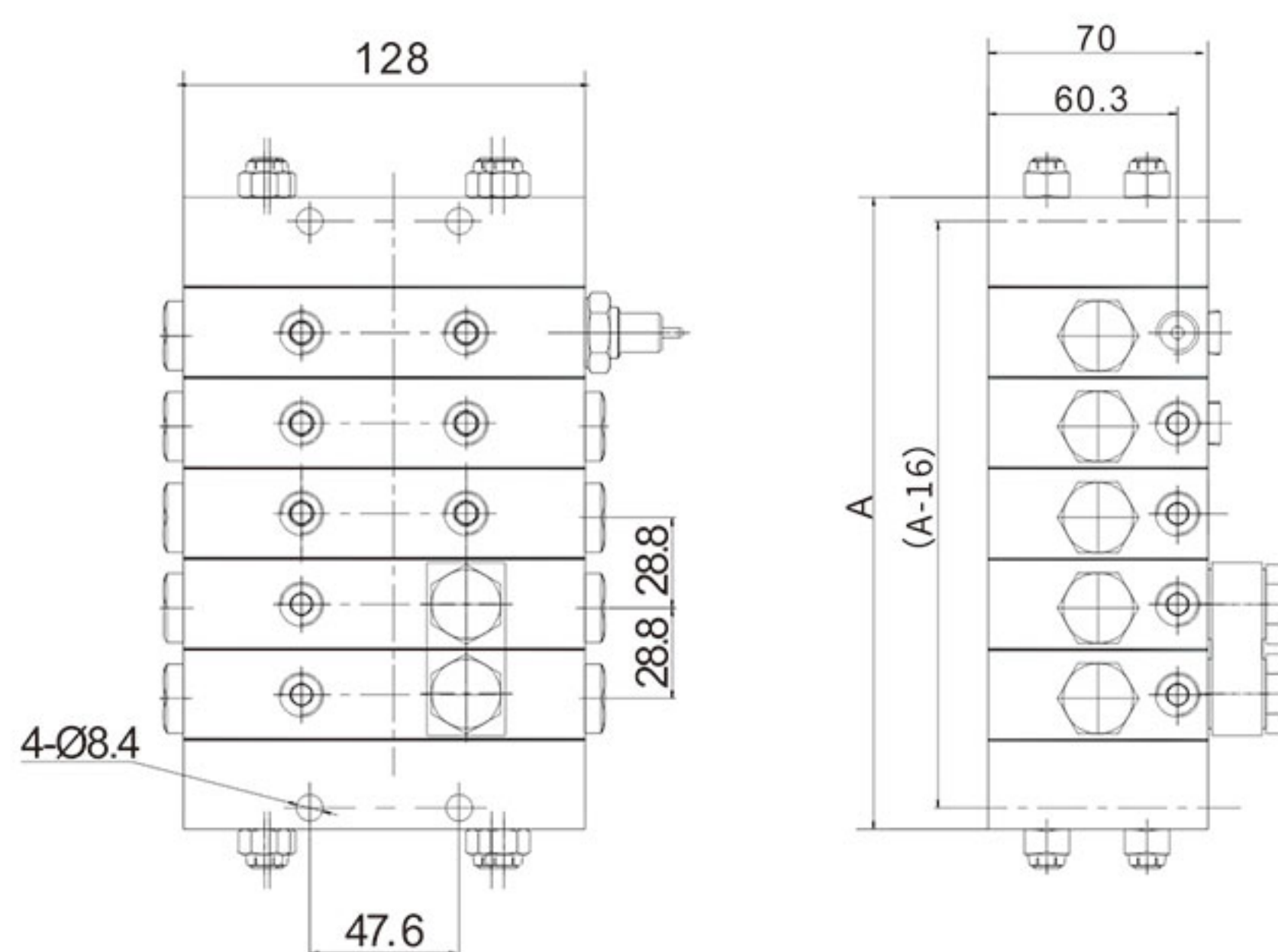
Max Pressure	Inlet	Outlet	Segment size mm	Mounting DIM	Mounting thread	Length A
25MPa	M12*1.5	M10*1	80*45*19	32	4-M6	$A=43+N*20.5$ N:pcs of segments

Base Code:58601

PRG DIVIDER



Segment code	Discharge (ml)
3000-25T	0.40
3000-25S	0.80
3000-50T	0.80
3000-50S	1.60
3000-75T	1.20
3000-75S	2.40
3000-100T	1.60
3000-100S	3.20
3000-125T	2.00
3000-125S	4.00
3000-150T	2.40
3000-150S	4.80

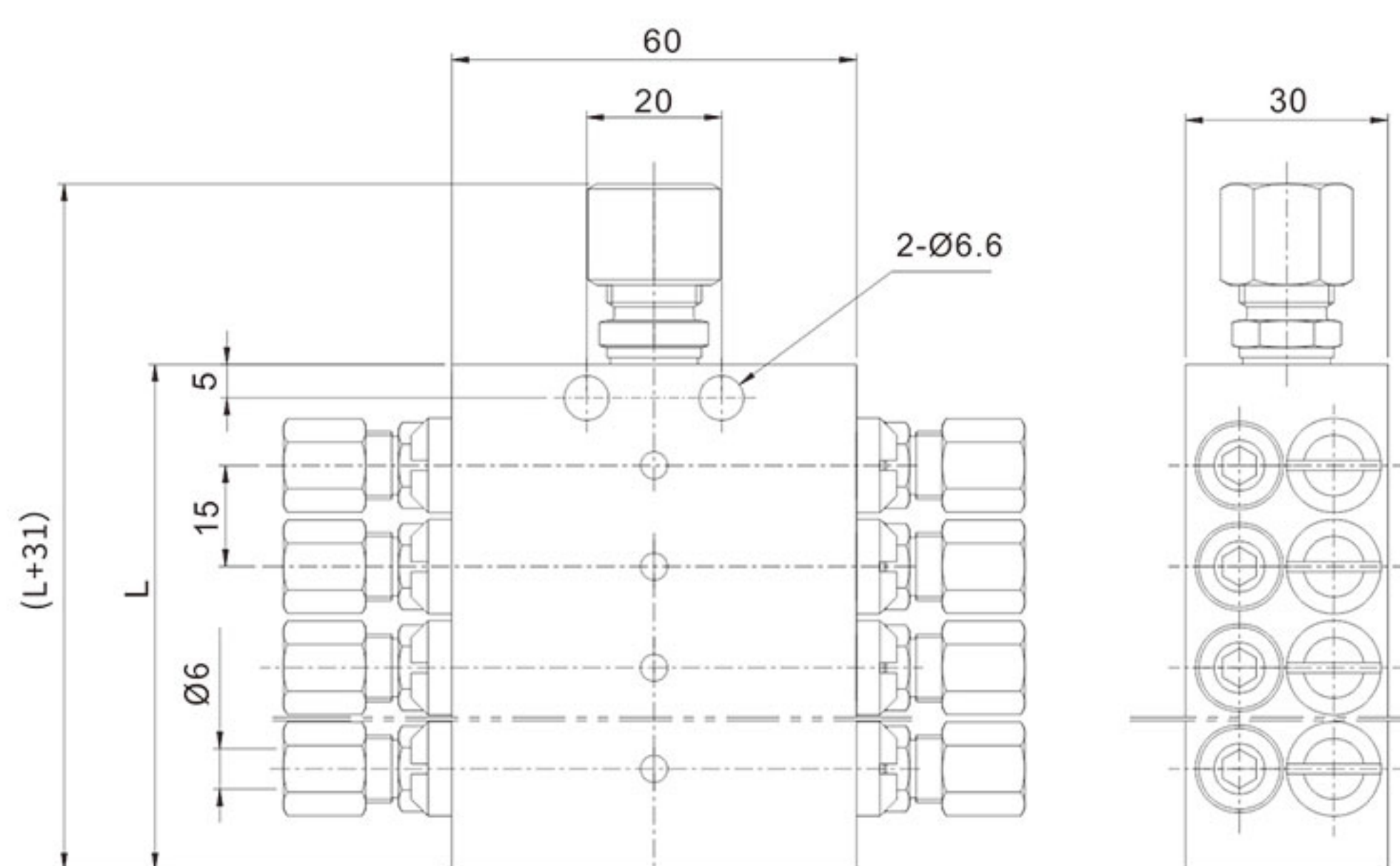
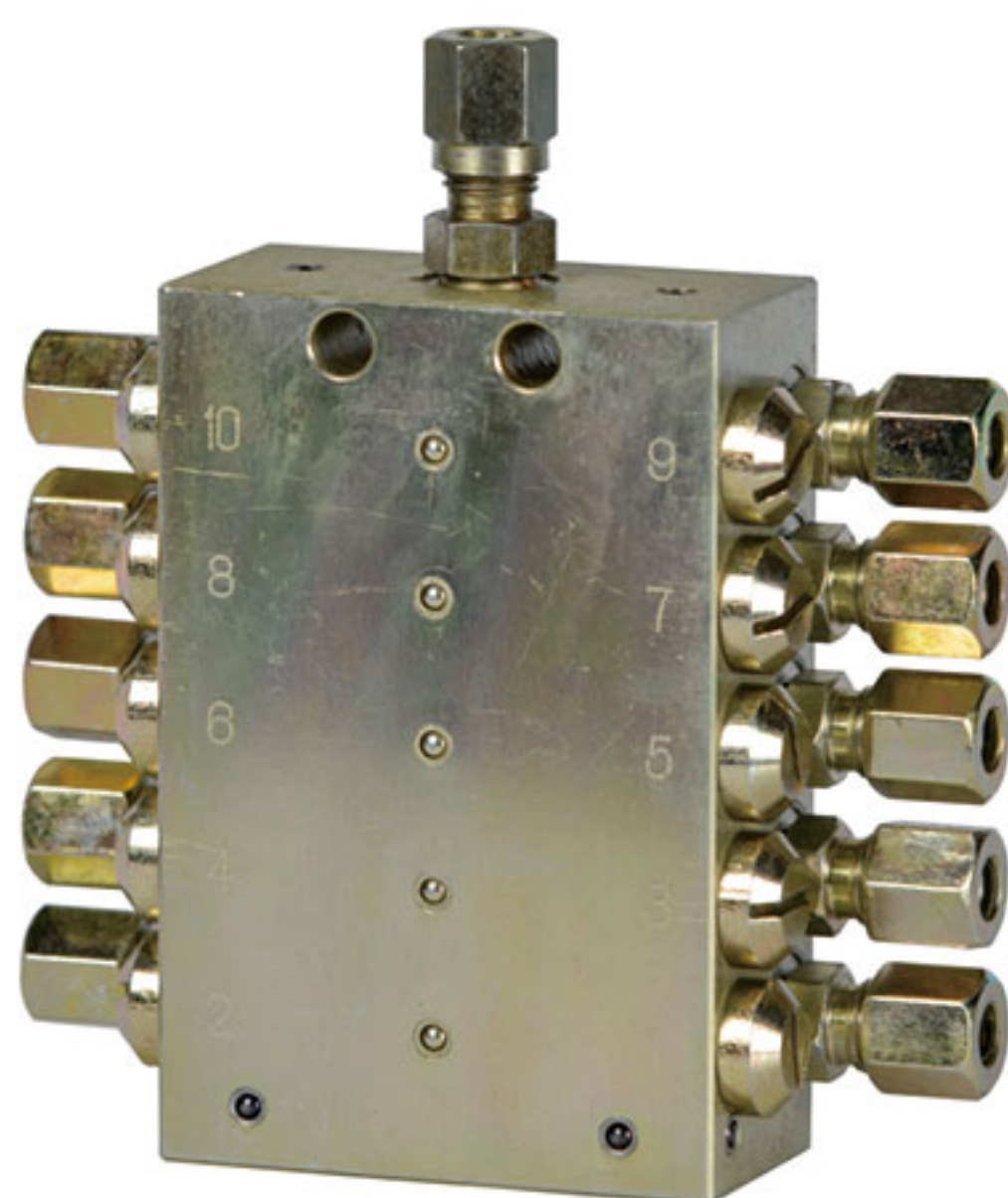


P3000-SPECIFICATION

Max Pressure	Inlet	Outlet	Segment size mm	Mounting DIM	Mounting thread	Length A
25MPa	Rp3/8	Rp1/4	128*70*28	47.6	4-M8	A= 57.4+N * 28.8 N :pcs of segments

Base Code:58901

PRG DIVIDER

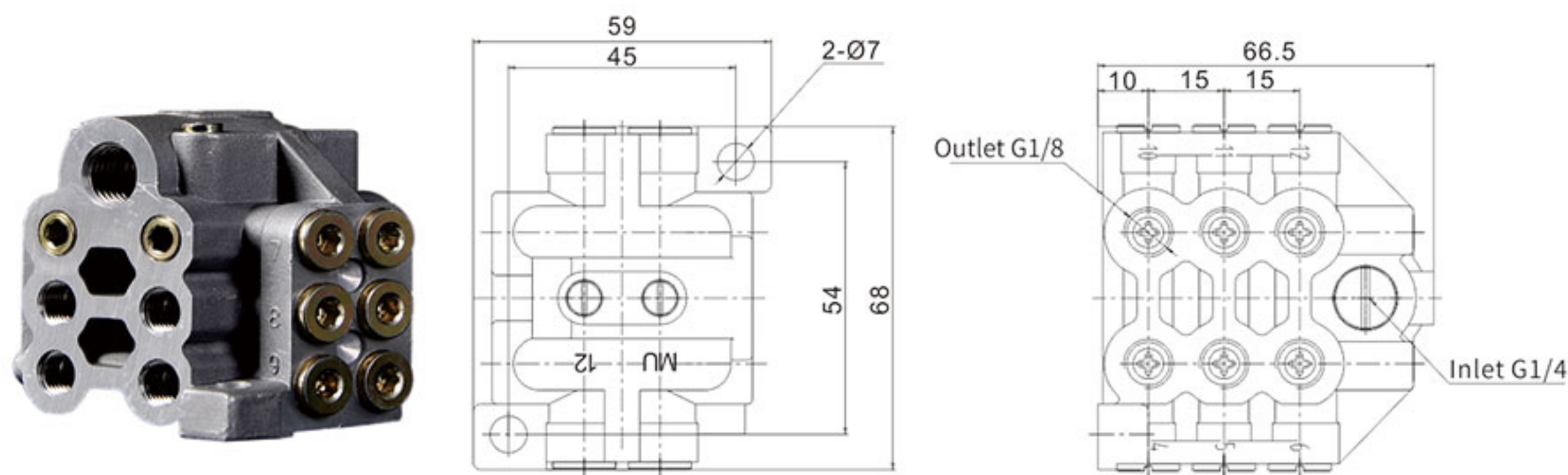


MVB-SPECIFICATION

Segment Code	Discharge	Max pressure	Inlet	Outlet	Dimensions MM	L(mm)	Mounting DIM	Mounting
MVB0601	0.17	30MPa	Rp1/8	Ø6	60*60*30	60	20	2-Ø6.6
MVB0801					60*75*30	75		
MVB1001					60*90*30	90		
MVB1201					60*105*30	105		

Base Code:58701

PRG DIVIDER



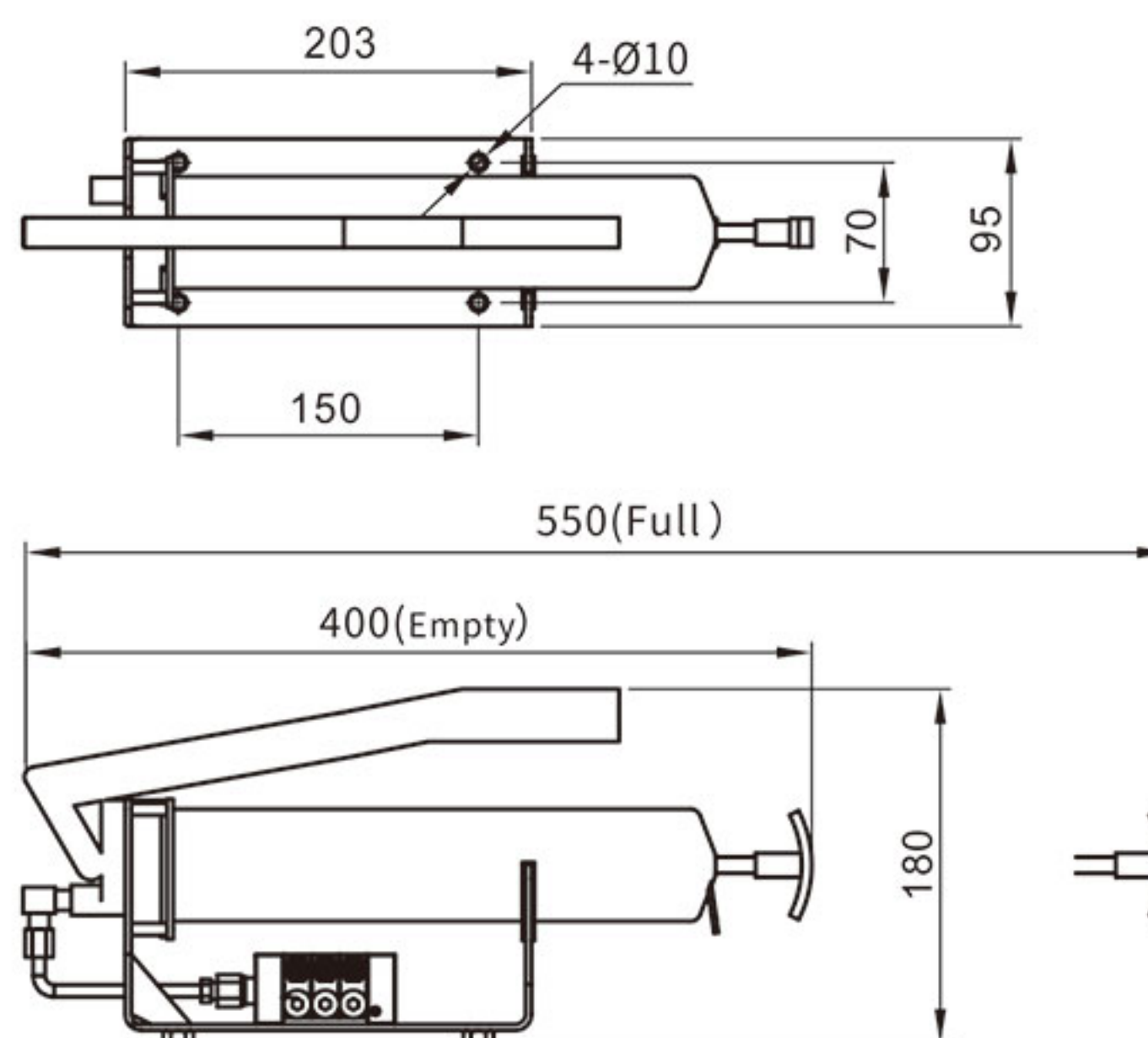
Segment code	Discharge (ml)
U-4R	0.3
U-6R	
U-8R	
U-10R	
U-12R	

U Divider-SPECIFICATION

Max Pressure	Inlet	Outlet	Mounting DIM	Mounting thread	Layout
15MPa	G1/4	G1/8	45*54	2-M6	59*68*51.5 59*68*66.5

Base Code:58801

MP MANUAL PUMP



DESCRIPTION

MP manual pump integrates a grease gun with a manifold block. it works steadily to dispense lubricant to the lube points in a simple and low-cost way.

The pump is used where no automatic or continuous lubricant supply is required, but where a simple manual centralized lubrication system is desired.

SPECIFICATION

Model	Ordering NO	Rated Pressure	Reservoir Capacity	Discharge	QTY of outlets	Grease range
MP	76201	30MPa	400ml	2ml/cyc	2-12	NLGI 000#---2#

REFILLING TOOLS

PGF50 and **GF50** are special manual tools to refilling the lubricator reservoir. It is an economical way to recharge the reservoir without air bubble or contaminant mixed to the grease. It consists of a pump body, 1.2 meter nylon hose and an quick adapter.



GF50



PGF50

Model	Ordering NO	Rated Pressure	Discharge	Outlet	Grease range
GF50	56861	1MPa	50ml/cyc	R1/4	NLGI 000-2#
GF50	56861-1			Quick Adapter	
PGF50	56862			R1/4	
PGF50	56862-1			Quick Adapter	

PUMP UNIT

PUMP UNIT is definitely a core part in a grease pump. It is made of special alloy with high precise grinding. It can build up high pressure to about 30MPa. Rated discharge is 0.12ml & 0.18ml per cycle.



Model	Rated Pressure	Rated discharge	Connecting thread
30016	30MPa	0.12ml/cyc	M22*1.5
30016-1		0.18ml/cyc	M22*1.5
30016-8		0.12ml/cyc	M20*1.5
30807-1		0.12ml/cyc	M18*1.5



SOMA TIMER

SOMA TIMER are specially designed for various centralized lubrication system. It is based on a MCU with good adjustability and high accuracy.

A customized PLC Timer is also available for special ordering.

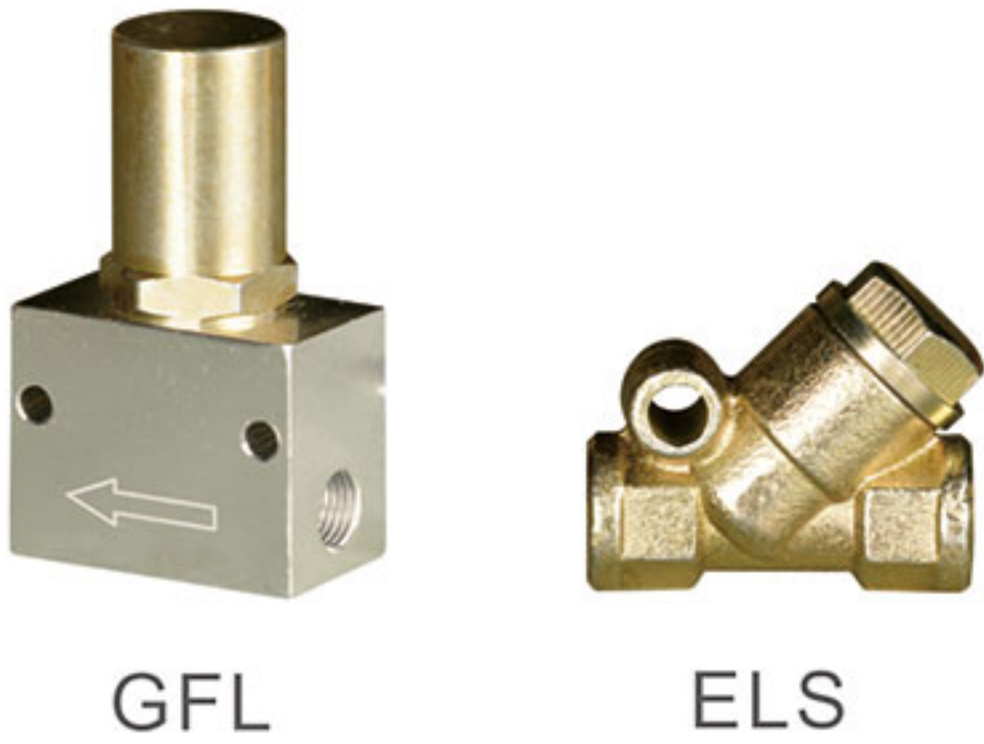


Model	Ordering NO	Output	Voltage	Memory
SOMA-A	59201	≤500W	380VAC	R: with
SOMA-B	59202		220VAC	R: with
SOMA-D	59203		24VDC	0: N/A, R: with
SOMA-E	59204		12VDC	0: N/A, R: with

FILTER

A **filter** is an important unit to purify the lubricant of whole system, by which the lube points get clean grease. At the same time, the pump unit, divider and other units in the system are protected from contaminated grease damaging.

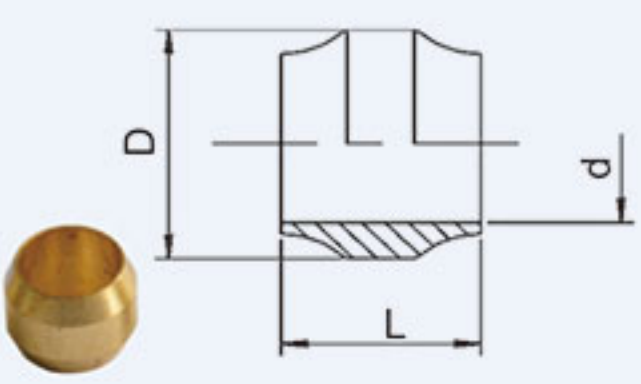
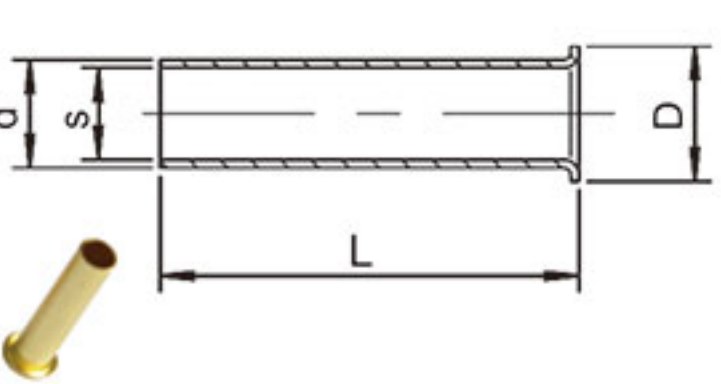
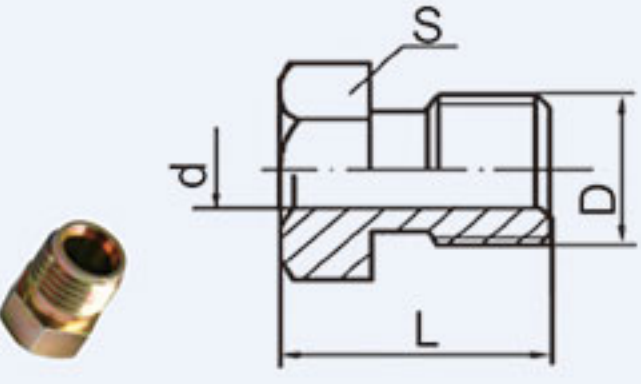
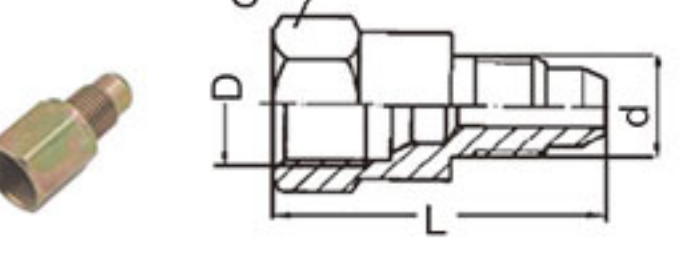
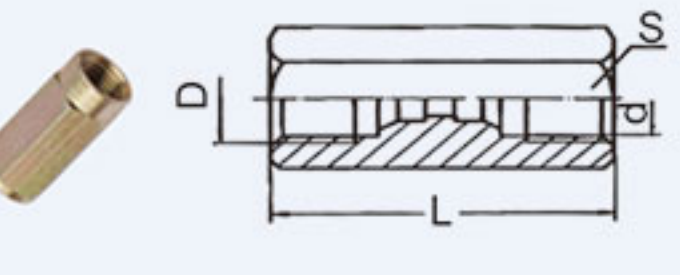
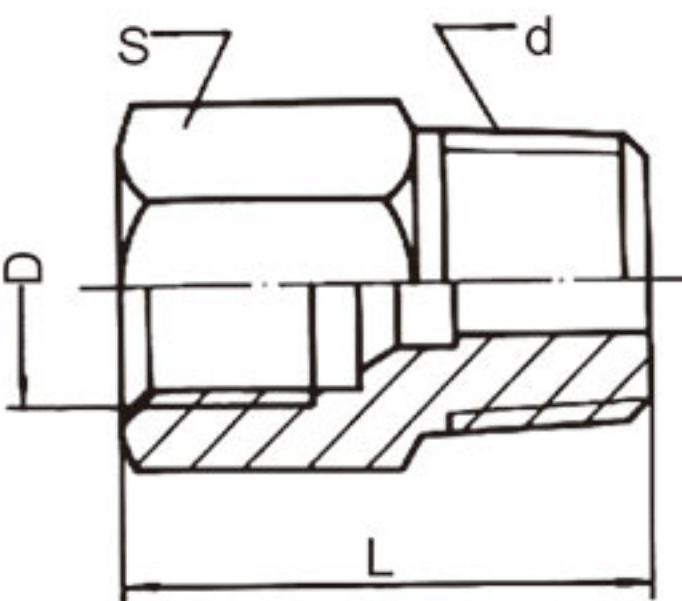
The filters GFL and ELS have different accuracy, ELS is smaller and lower cost.



Model	Ordering NO	Rated Pressure	Filtering accuracy	Inlet and outlet threads	Grease range
GFL	59115	25MPa	100μm	Rp1/4	NLGI 000-2#
ELS	59109		150μm		



FITTINGS

Illustration	Name	Ordering NO	D	d	L	S
	sleeve	51103	Ø4.8	Ø3.1	4.5	
		51104	Ø6	Ø4.1	4.75	
		51106	Ø8	Ø6.1	6	
		51108	Ø10	Ø8.1	5.8	
		51110	Ø12	Ø10.1	6	
		51112	Ø14	Ø12.2	5.8	
	Liner	51201	Ø4	Ø3	15.5	Ø2.4
		51202	Ø3.8	Ø2.5	11	Ø1.9
		51203	Ø5	Ø4	15.5	Ø3.4
		51204	Ø8	Ø6	15.5	Ø5.0
		51205	Ø10	Ø7.5	16	Ø6.7
		51206	Ø12	Ø9	15	Ø7.5
	Bush	51303	M8X1	Ø3.1	12	8
		51304	M8X1	Ø4.1	12	8
		51306	M10X1	Ø6.2	13.5	10
		51308	M12X1	Ø8.2	14	13
		51310	M16X1.5	Ø10.2	16	17
		51312	M18X1.5	Ø12.2	16	19
	Convert Adapter	51601	M10X1	M8X1	25	12
		51602	M8X1	M10X1	25	12
		51603	M12X1	M10X1	26	14
		51604	M10X1	M12X1	26	14
	ST.Tubing Couping Body	51701	M8X1	Ø3.4	25	10
		51702	M10X1	Ø4	28	12
		51703	M12X1	Ø6	32	14
		51704	M16X1.5	Ø6.7	35	19
		51705	M18X1.5	Ø7.7	35	21
	ST.Adapter	52201		M6	21	11
		52202		M8X1	18	11
		52203	M8X1	M10X1	18	11
		52204		R1/8	18	11
		52205		Z1/8	18	11
		52301		R1/8	20	12
		52302		M10X1	20	12
		52303	M10X1	Z1/8	20	12
		52304		Z1/4	20	14
		52305		R1/4	20	14
		52306		R3/8	22	19
		52401		R1/8	25	16
		52402		M10X1	25	16
		52403	M12X1	R1/4	30	16
		52404		Z1/4	30	16

FITTINGS

Illustration	Name	Ordering NO	D	d	L	S
	Elbow	53201	M8X1	M6	16	19X10
		53202		M8X1	19	19X10
		53203		M10X1	19	19X10
		53204		R1/8	19	19X10
		53205		Z1/8	19	19X10
		53301	M10X1	R1/8	20	20X12
		53302		M10X1	20	20X12
		53303		Z1/8	20	20X12
		53304		Z1/4	28	23X14
		53305		R1/4	28	23X14
		53401	M12X1	R1/8	25	29X17
		53402		M10X1	25	29X17
		53403		R1/4	28	29X17
		53404		Z1/4	28	29X17

Illustration	Name	Ordering NO	D	d	L	S	S1	Remark
	ST.Adapter	52601	Ø6	R1/8	30	11	12	
		52602		M10X1	30	11	12	
		52603		R1/8	38	14	14	
		52604	Ø8	R1/4	42	14	14	
		52605		R1/8	40	14	17	
		52606		R1/4	42	14	17	
		52607	Ø10	R3/8	43	19	17	
		52608		R1/4	42	14	21	
		52609		R3/8	48	19	21	
	Elbow	53601	Ø6	R1/8	26	13	14	
		53602		M10X1	26	13	14	
		53603		R1/8	28	15	14	
		53604	Ø8	R1/8	28	15	17	
		53605		R1/4	38	15	17	
		53606		R1/4	42	17	19	
		53607	Ø10	R3/8	42	19	19	
	Tube Union	53701-1	Ø6		52	14	12	
		53701-2			56	17	14	
		53702-1	Ø8		56	16	17	
		53702-2			70	16	17	
		53703	Ø10		80	19	19	

FITTINGS

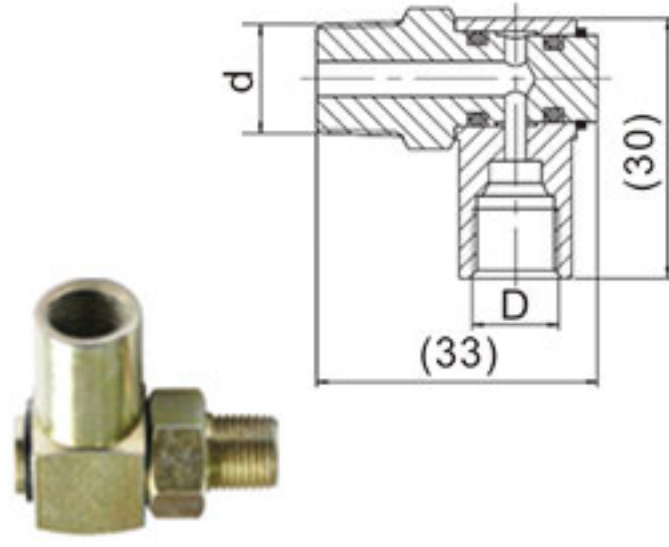
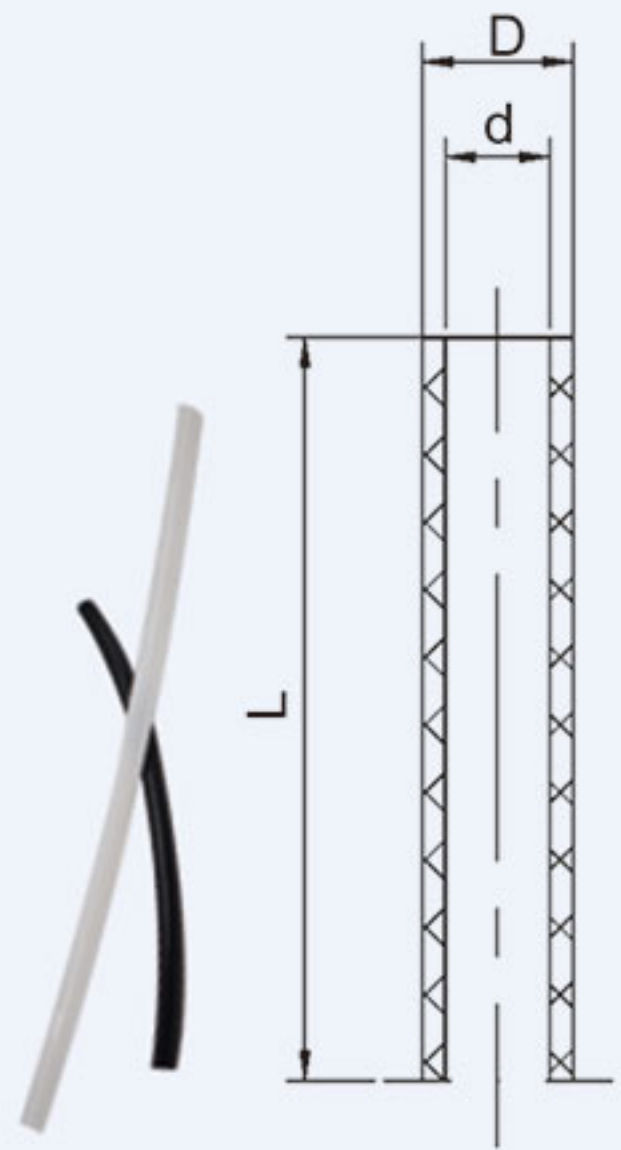
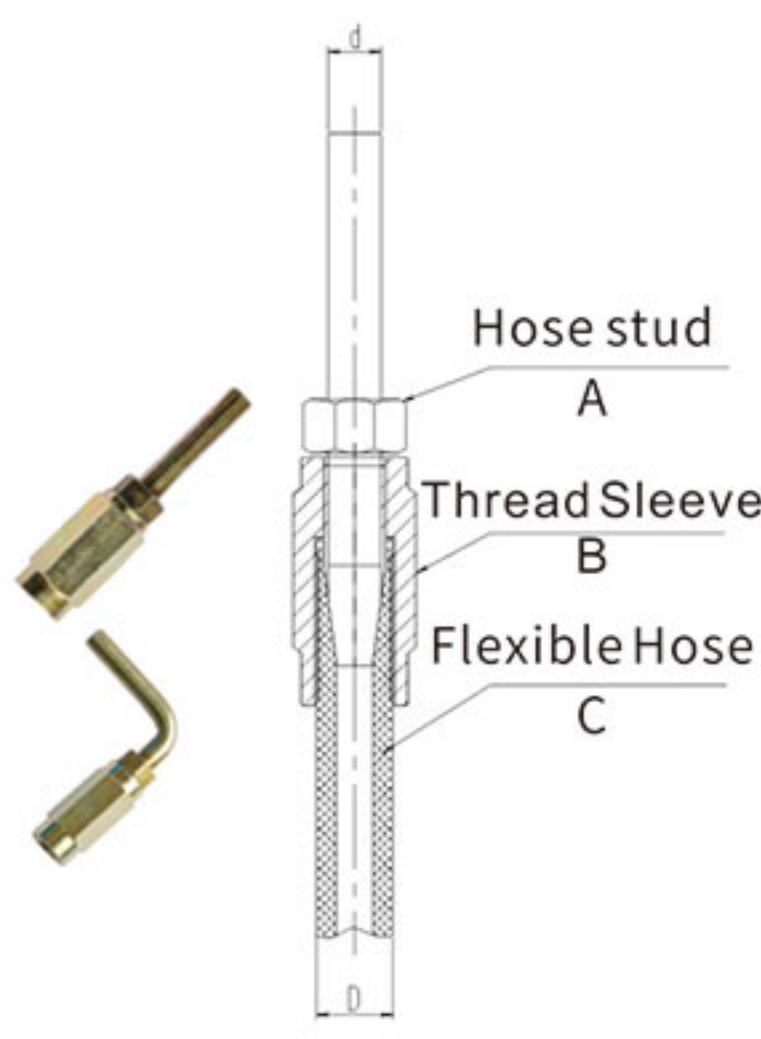
Illustration	Name	Ordering NO	D	d	Remark
	Swivel Adapter	30439-1	M10X1	R1/8	O.D.6mm
		30439-5	M10X1	M10X1	
		30439-2	M10X1	R1/4	
		30439-3	M12X1	R1/8	O.D.8mm
		30439-4	M12X1	R1/4	
	Nylon	56102	Ø4	Ø2	Ø4*1
		56103	Ø4	Ø2.5	Ø4*0.75
		56104	Ø4	Ø3	Ø4*0.5
		56105	Ø6	Ø3	Ø6*1.5 (Black)
		56106	Ø6	Ø4	Ø6*1
		56107	Ø6	Ø4	Ø6*1 (Black)
		56108	Ø8	Ø6	Ø8*1
		56110	Ø10	Ø7.5	Ø10*1.25
	Polyurethane	56402	Ø10	Ø4	Ø10*Ø4
		56403	Ø8.6	Ø4.2	Ø8.6*Ø4,2
		56404	Ø11	Ø6	Ø11*Ø6

Illustration	Name	Ordering NO	d	D	Part A	Part B	Part C
	Hose adapter Assy	53821	Ø6	Ø8.6	53801-1	53811	56403
		53822	Ø6	Ø10	53801-1	53812	56402
		53825	Ø8	Ø11	53806	53813	56404
		53823	90°, Ø6	Ø8.6	53804	53811	56403
		53826	90°, Ø8	Ø11	53808	53813	56404
		53824	45°, Ø6	Ø8.6	53805	53811	56403
		53827	Ø10	Ø11	53807	53813	56404

FITTINGS

Illustration	Name	Ordering NO	Screw	Pipe Adapter	Remark
	ST. Push in Fittings	26006-1	R1/8	Ø6mm	
		26006-2	R1/4		
		26006-3	R1/8	Ø8mm	
		26006-4	R1/4		
	Swivel Push in Fitting	26006-5	R1/8	Ø6mm	
		26006-6	R1/4		
		26006-7	R1/8	Ø8mm	
		26006-8	R1/4		
	Tee Adapter with Nipple	53721	R1/8	Ø6mm	
		53725			Quick Insert
		53721-1			
		53725-1			Quick Insert

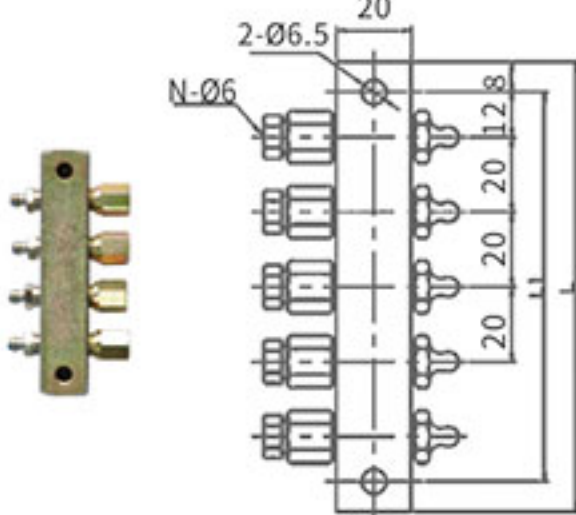
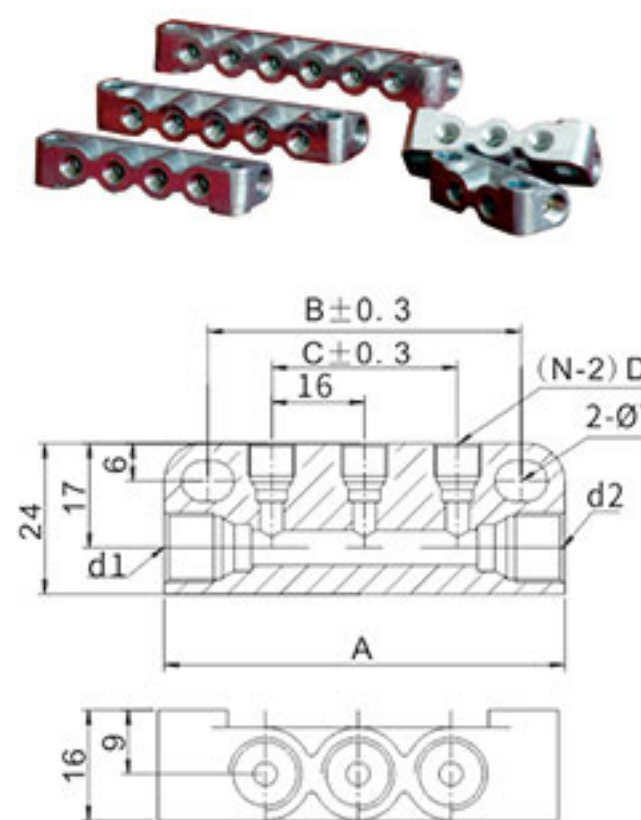
Illustration	Name	Ordering NO	L1	L	Outlets
	Nipples Assy	59012-2	N*20+4	(N+1)*20	2
		59012-3			3
		59012-4			4
		59012-5			5
		59012-6			6

Illustration	Name	Ordering NO	Pipe QTY	Pipe diameter	Notes
	Tubing Clamp	56542-1	1	6mm	
		56542-2	2		
		56542-3	3		
		56543-1	1	8mm	
		56543-2	2		
		56543-3	3		
		56544-1	1	10mm	
		56544-2	2		
		56544-3	3		

FITTINGS

Illustration	Name	Ordering NO	N	A	B	C	D	d1	d2	Notes
	Block	57101-4	4	48	36	16				
		57101-5	5	64	52	32				
		57101-6	6	80	68	48				
		57101-7	7	96	84	64				
		57101-8	8	112	100	80	M8*1	M10*1	M10*1	d1=d2=M8*1 (Optional)
		57101-9	9	128	116	96				
		57101-10	10	144	132	112				
		57101-12	12	176	164	144				

INSTALLATION & MAINTENANCE

SYSTEM LAYOUT

Normally, routing of pipe layout for a whole lubrication system should meet various requirement for physical, economic, safety and maintenance, etc.

- First of all, Location of pump station should be easily observed, service and refilling.
- Shorten the mainline and branch line as possible. Mounting the divider closer to the lube point as you could.
- Tube & cable should be fixed steady and protected well.
- Heat protection is necessary at high ambient temperature.

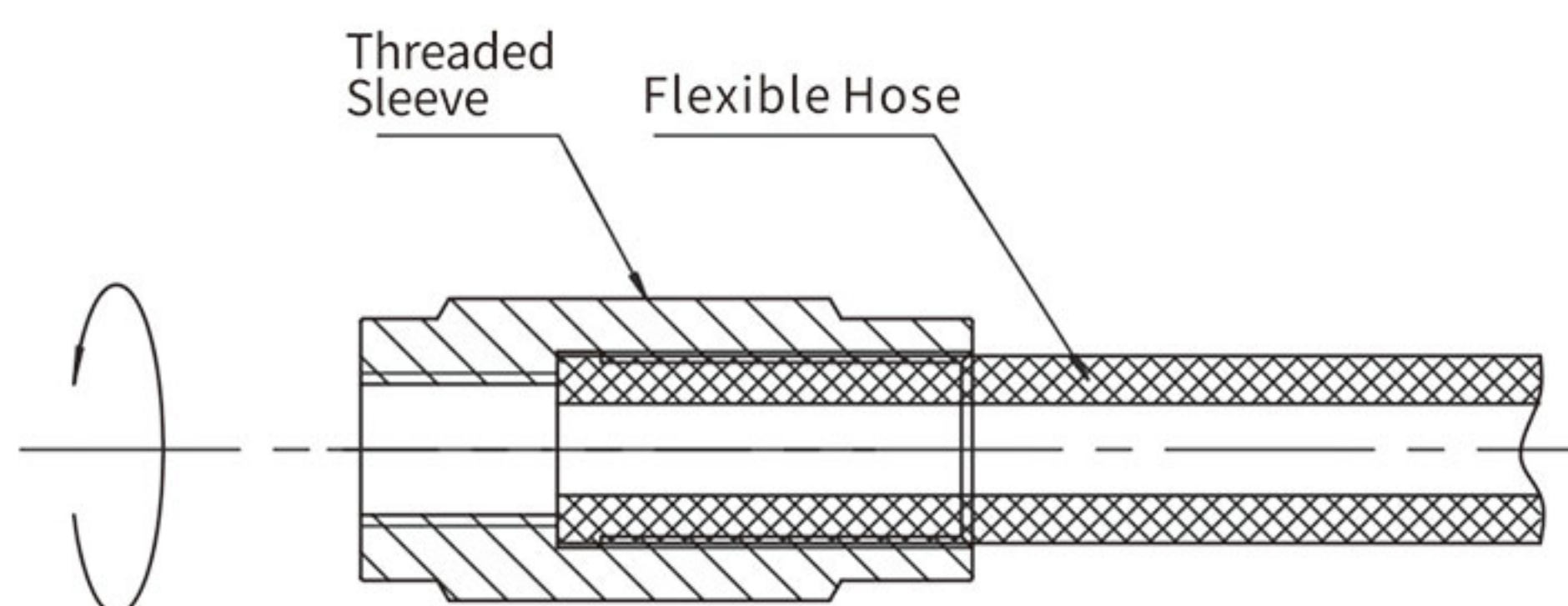
INSTALLATION & MAINTENANCE

TUBING AND ADAPTER

◆ Flexible Hose

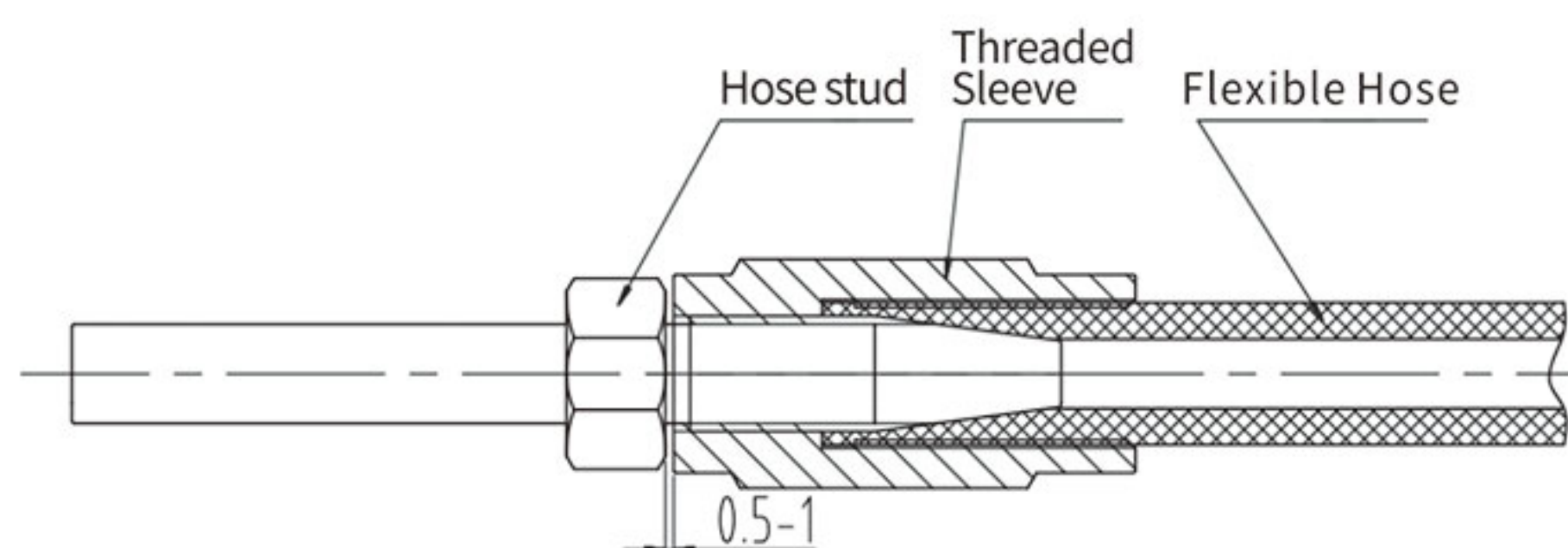
Step 1

Screwing the hose into the threaded sleeve counter-clockwise, daubing some grease on the hose surface should be helpful.



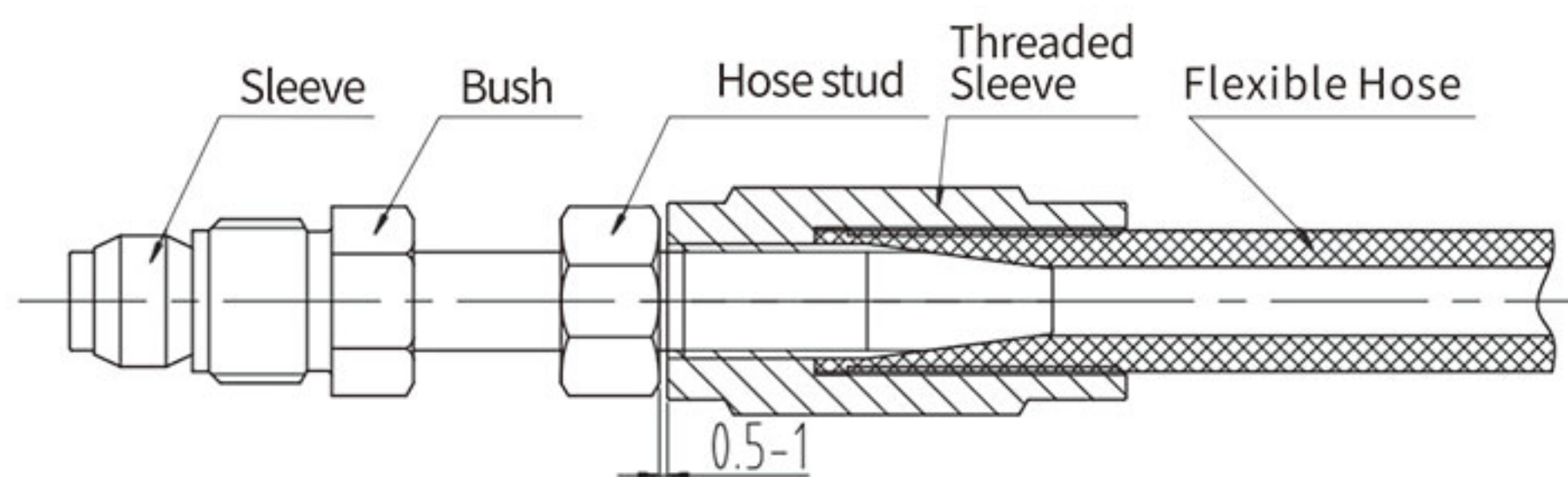
Step 2

Screwing the hose stud into the threaded sleeve, clockwise.



Step 3

Check the hose assembly carefully. If there are some hose distortions at junction, cutting it off and repeat the above steps. Any distortions on hose will reduce its pressure endurance.



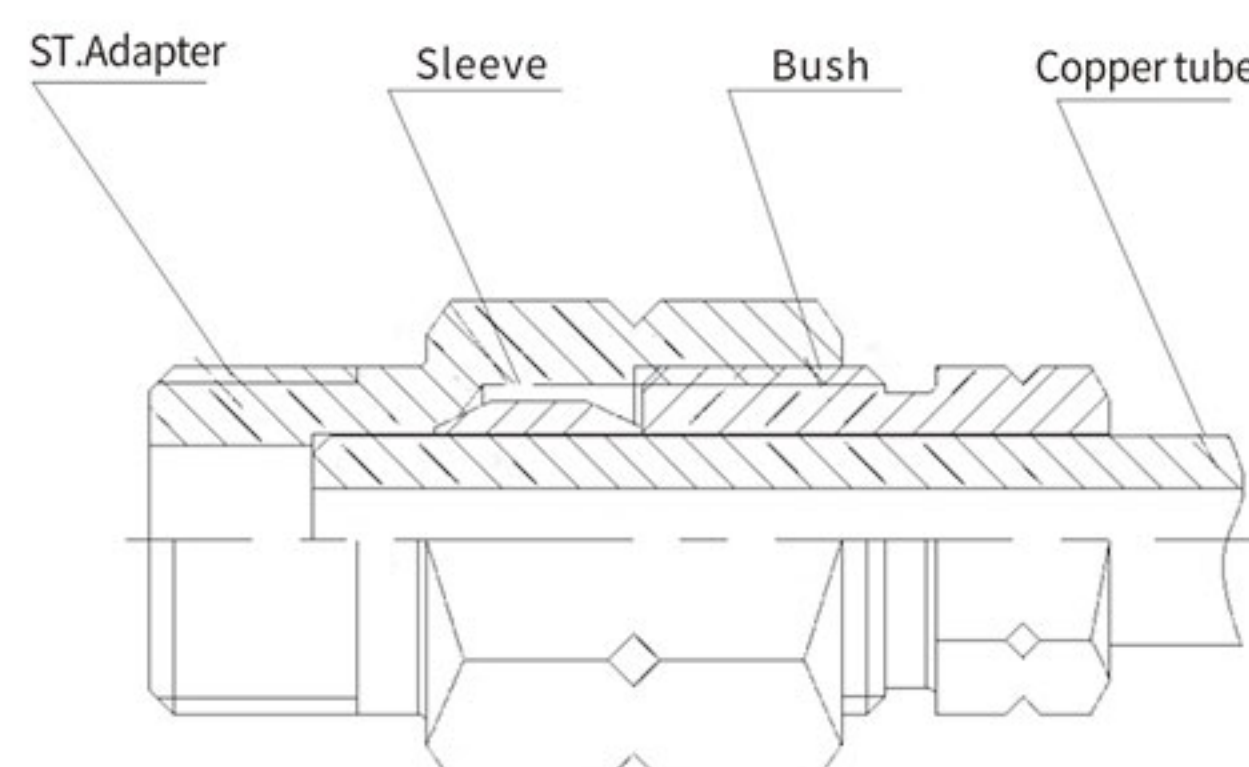
Step 4

Check the whole hose assembly with compressed air.

INSTALLATION & MAINTENANCE

◆ Rigid Tubing

- Obviously, a special tube cutter is the guarantee for a smooth vertical tubing incision. Remove all burrs before assembling.
- Pushing the copper or steel tube inside an adapter and tightening up the bush & sleeve.
- Stabilizing the tube on the equipment with clamps.



TESTING & PRIMING

- Filling proper clean lubricant into the reservoir through the right refilling port.
- Loosening the inlet adapter of the divider, running the pump until the lubricant flow-out from the main feeding line, then tighten up the adapter.
- Loosening the outlet adapters of the divider, running the pump until the lubricant flow-out from the divider outlets, then tighten up the adapters.
- Running the pump until the lubricant reach the lube points, then tighten up all adapters, check the leakage of the whole system.
- Keep the pump running and check system pressure till it works smoothly.

NOTE:

Make sure that every parts and fittings should be clean inside the whole system. Any dirt and debris can damage pump unit and/or lubrication system. For higher viscosity fluids, start the pump to rotate the stirring paddle during refilling to prevent air pockets from forming in grease.

TIPS

- Check the lubricant level in the reservoir periodically. Refill the reservoir with clean lubricant if necessary. Any contamination or bubble mixed in the lubricant might cause system failure or element damage
- Check the tubing and connection parts periodically to ensure no leakage. Repair or replace failure seal elements if necessary.
- Check lubricant volume in the bearing seat when period maintenance. Adjust volume in time to meet the proper lube requirement.
- Clean the pump, divider and inside tubing before the equipment be suspended for a long time.

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