

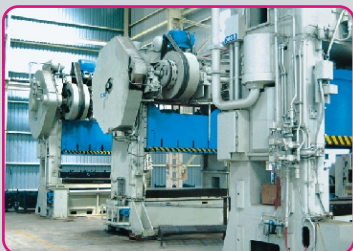
LUBRIMAC
Centralized
Lubrication

LUBRIMAC SYSTEMS

Centralised Lubrication
Systems for OIL & GREASE



THE BEST SOLUTIONS
IN LUBRICATION ...



COMPANY PROFILE

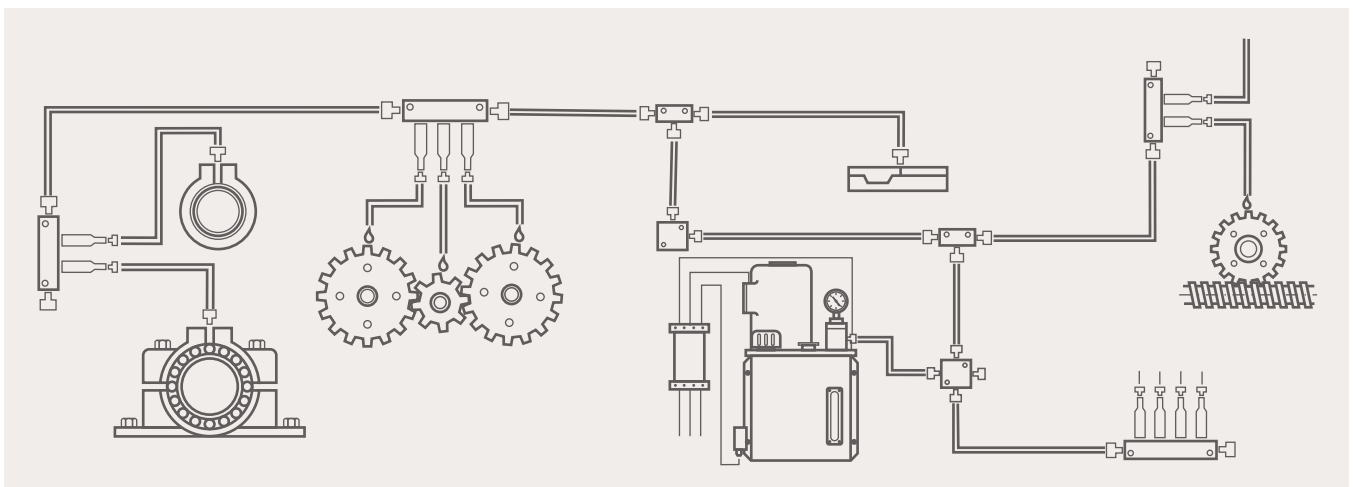
LUBRIMAC SYSTEMS - a brand known for its quality, designing, reliability and prompt service. It's a certified company based in Faridabad and has been manufacturing supplying and exporting technically advanced products in the field of lubrication. S.S. Enterprises satisfy the customer said and unsaid demands by providing :-

- More production
- Strict, quality checkup
- Testing facility
- Less wear and tear
- Optimum lubricant to each point
- Less power and lubricant consumption

Centralised lubrication system can be adopted on any machine particularly:-

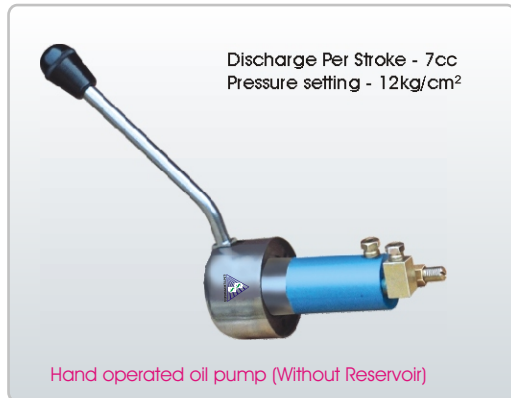
- Machine Tools
- Textile machines
- Packaging equipment
- Presses and Hammers
- Pulp & paper processing machines
- Food Processing equipment
- Wood working machine
- Knitting machine
- Pharmaceutical machines
- Stone processing machines
- Printing machine
- Injection/Blow moulding machine
- Pouch malcium/filling machine
- Bottle forming /filling washing machine
- Sheet metal working machine
- Shearing and prus brakes
- Die casting machine
- Rubber making machine
- Metal forms machine
- Calendering machine etc
- Cement plants
- Sugar plants

INSTRUCTIONAL LAYOUT

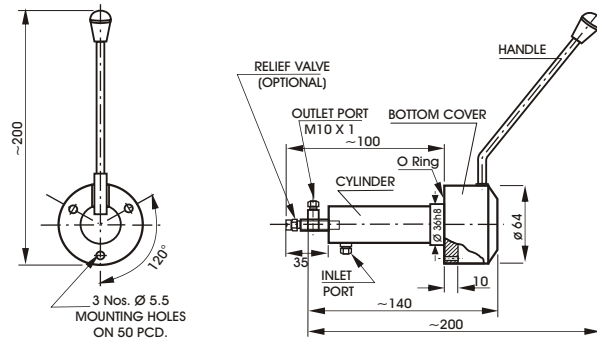


HAND OPERATED PUMPS

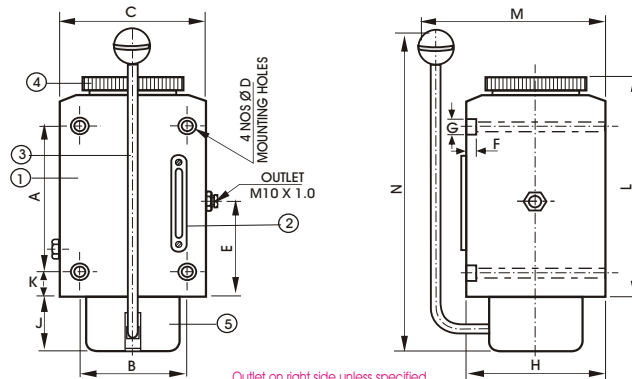
These are manually Operated piston type pumps in which body of the pump is used as the reservoir. On operating the handle piston gets actuated thus discharging the oil under pressure through outlet. These pumps are provided with check valve at suction and the relief valve is provided to Safe Guard the pump from overloading. The models are given below :-



MODEL H-7



MODEL H-250-4, H-600-6, H-1700-10

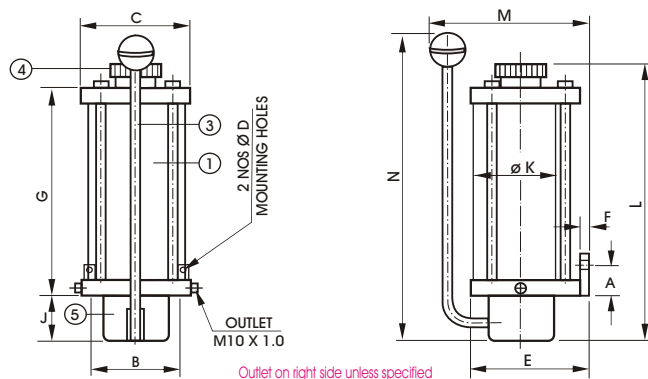


Technical Specifications

MODEL	Reservoir Cap.	Discharge	Pr. Setting	A	B	C	D	E	F	G	H	J	K	L	M	N
H-250-4	0.25 Ltr.	4cc / Stroke	12 Kg. / Cm ²	-	55	70	7	60	7	11	70	42	20	120	115	160
H-600-6	0.60 Ltr.	6cc / Stroke	12 Kg. / Cm ²	120	80	100	7	70	7	11	90	50	15	165	140	160
H-1700-10	1.70 Ltr.	10cc / Stroke	12 Kg. / Cm ²	170	100	130	9	70	10	14	115	60	15	265	165	325



MODEL H-250-4A, H-600-6A, H-1000-10A



Technical Specifications

MODEL	Reservoir Cap.	Discharge	Pr. Setting	A	B	C	D	E	F	G	J	K	L	M	N
H-250-4A*	0.25 Ltr.	4cc / Stroke	12 Kg. / Cm ²	28	67	90	7	110	10	132	45	75	185	145	200
H-600-6A*	0.60 Ltr.	6cc / Stroke	12 Kg. / Cm ²	44	105	110	7	120	8	190	50	90	260	175	245
H-1000-8A*	1.00 Ltr.	8cc / Stroke	12 Kg. / Cm ²	44	105	110	7	120	8	240	50	90	310	175	355

*Transparent reservoir

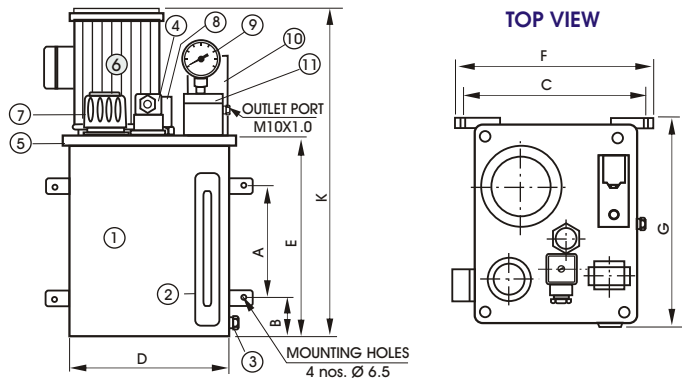
Parts Name : 1. Reservoir 2. Oil window 3. Handle 4. Top cover 5. Bottom cover

AUTOMATIC LUBRICATION SYSTEMS

These are the system which gets operated automatically as the same are controlled by electronic timer / controllers. In these systems rotary pump is coupled with motor, when the Motor starts there is a positive displacement of the rotary pump which discharge the oil in the Lubricating line under pressure. The systems are provided with pressure relief valve / bleed valve / Pressure switches / float switches / oil level gauges / pressure gauge / oil filler cum air breather / suction strainer. **There are following models :-**



MODEL-ALR-02 / ALR-03 / CLU-03

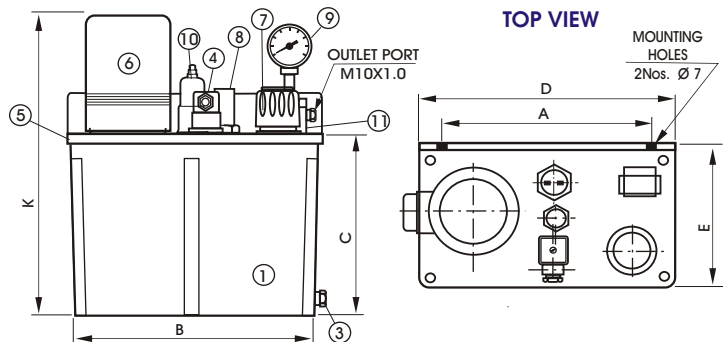


Dimensions in mm.

MODEL	Reservoir Cap.	A	B	C	D	E	F	G	K
ALR - 02	2 Litres	100	20	170	145	150	195	140	300
ALR - 03	3 Litres	100	40	170	150	190	195	180	320
CLU - 03	3 Litres	100	40	170	150	190	195	190	325



MODEL- SLU-2700-S / SLU-2700

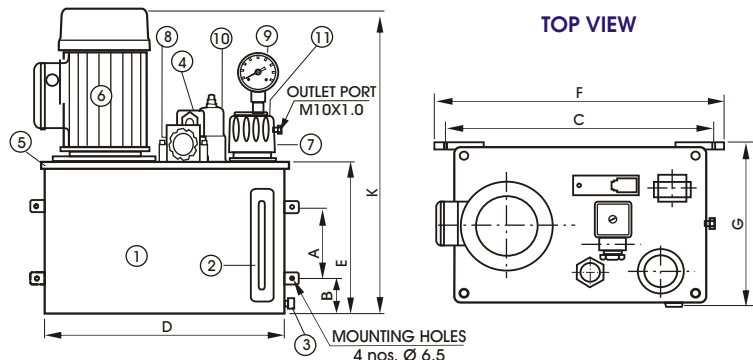


Dimensions in mm.

MODEL	Reservoir Cap.	A	B	C	D	E	K
SLU - 2700-S*	2.7 Litres	175	200	155	215	145	285
SLU - 2700*	2.7 Litres	175	200	155	215	145	290



MODEL-CLU-05 / CLU-08



Dimensions in mm.

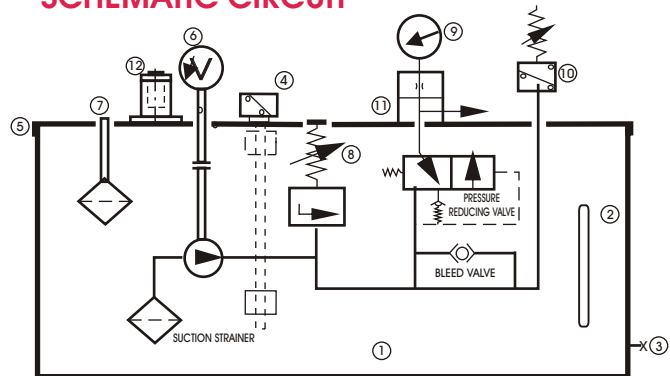
MODEL	Reservoir Cap.	A	B	C	D	E	F	G	K
CLU - 05	5 Litres	100	40	310	285	185	310	170	375
CLU - 08	8 Litres	100	50	330	300	200	355	200	385

AUTOMATIC LUBRICATION SYSTEMS

MODEL-CLU-20 / 30



SCHEMATIC CIRCUIT



Parts Name

1 Reservoir	2 Oil Level Gauge	3 Drain Plug	4 Float Switch
5 Top Plate	6 Motor	7 Oil Filler Cum Breather	8 Relief Valve
9 Pressure Gauge	10 Pressure Switch	11 Junction Block	12 Return Line Filter

Technical Specifications :-

MODEL	Reservoir	Discharge	Motor Rpm1500 (syn)	Pressure Setting	Pressure Switch	Float Switch
ALR-02	2 Ltrs.	0.5 LPM	0.10 Kw, 230V AC. Single Phase	12 kg/Cm ²	NA	NA
ALR-03	3 Ltrs.	1.0 LPM	0.10 Kw, 230V AC. Single Phase	12 kg/Cm ²	(Optional) 24V/220 V, With 1 NO+1NC/NO or NC Contacts, Pressure preset	(Optional) 24V/220 V, With NO or NC contacts
CLU-03	3 Ltrs.	1.0 LPM	0.09 Kw, 415V AC. 4Pole, 3 Phase	12 kg/Cm ²		
SLU-2700-S*	2.7 Ltrs.	1.0 LPM	0.10 Kw, 230V AC. Single Phase	12 kg/Cm ²		
SLU-2700*	2.7 Ltrs.	1.0 LPM	0.09 Kw, 415V AC. 4Pole, 3 Phase	12 kg/Cm ²		
CLU-05	5 Ltrs.	1.0 LPM	0.18 Kw, 415V AC. 4Pole, 3 Phase	15 kg/Cm ²		
CLU-08	8 Ltrs.	2.0 LPM	0.18 Kw, 415V AC. 4Pole, 3 Phase	15 kg/Cm ²		
CLU-20	20 Ltrs.	3.0 LPM	0.18 Kw, 415V AC. 4Pole, 3 Phase.	20 kg/Cm ²		
CLU-30	30 Ltrs.	4.0 LPM	0.37 Kw, 415V AC. 4Pole, 3 Phase.	20 kg/Cm ²		

* Transparent reservoir

NOTE : All these unit suitable for oil with viscosity range 50-1000 cst. Unit with vertical float switch is also available on customer request.

ELECTRONIC CONTROLLERS

These are used in the lubrication systems where pressure switch/ float switch are provided for sensing the pressure and low oil level. In the controllers indicator for Pressure & Low oil level sensing are provided. ON time is 5 sec. Fixed and OFF Time is 2 to 240 min. Adjustable.



Technical Specification

MODEL	DESCRIPTION
ECW 2-240 (Wall mounting)	ON time-5 sec (Fixed) OFF time 2, 4, 8, 15, 30, 60, 120, 240 min. (Adj.) with lubrication fault & low oil level sensing
ECP 2-240 (Panel mounting)	ON time-5 sec (Fixed) OFF time 2, 4, 8, 15, 30, 60, 120, 240 min. (Adj.) with lubrication fault & low oil level sensing
ECP 2-240+C (Panel mounting)	controller-built in contactor

ELECTRONIC TIMER

The Electronic Timer are used for time controlling of lubrication systems. There are different models used for different applications. Following models are under our regular production.



ON / OFF Time Variable

ON Time Fixed
OFF Time Variable

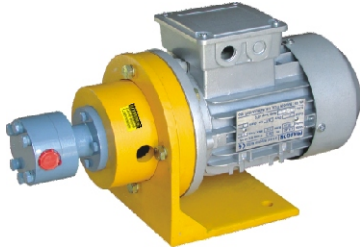
Technical Specification

MODEL	DESCRIPTION
ET-5-120	ON time-5 sec. (Fixed) OFF time 2-128 min (Adjustable) (Wall / Panel mounting type)
ET-30-60	ON time-2-30 sec. (Adjustable) OFF time 2-60 min (Adjustable) (Wall / Panel mounting type)

Note : ON, OFF time are also available as per requirement.

MOTOR PUMP ASSEMBLY

Motor pump assembly is used for oil lubrication especially where continuous and high dosage of oil is required. It is also applied under oil circulation systems. It is used almost in all machines where free flow of oil is required. The different specification is available with different model. It can suck the oil from 2 ft. downwards and circulate the oil up to 10 ft. Height. The rotation of motor pump assembly is indicated on the label. Four mounting holes are provided to mount the system. An electrical terminal box on the surface of the motor is provided for connection.



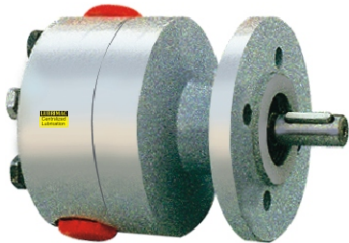
Technical Specification

MODELS	Discharge	Max. Pressure	MOTOR Flange Mounted
MPA - 1	1 Litres per minute	15Kg/Cm ²	0.25 HP, 415V. AC1500rpm.
MPA - 3	3 Litres per minute	15Kg/Cm ²	0.25 HP, 415V. AC1500rpm.
MPA - 6	6 Litres per minute	10Kg/Cm ²	0.50 HP, 415V. AC1500rpm.
MPA - 10	10 Litres per minute	10Kg/Cm ²	0.50 HP, 415V. AC1500rpm.

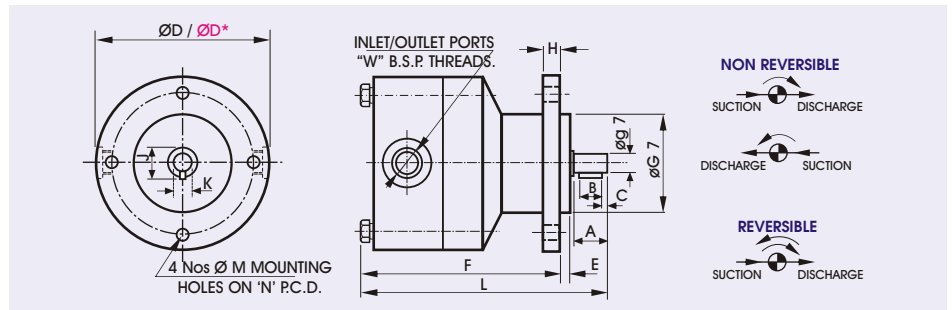
ROTARY PUMP

ROTARY PUMPS are gerotor type pumps with positive displacement of oil. On the basis of construction they are of two types, flange type and insert type. Function wise these pumps can be classified into two types non reversible and reversible. Non reversible pumps are rotates only on one direction indicated by an arrow where as the reversible pumps are rotates on either direction, clock-wise and anti-clock-wise.

FLANGE TYPE ROTARY PUMPS (Non Reversible / Reversible)



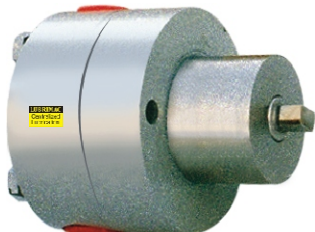
Dimension 'ØD*' for reversible pumps



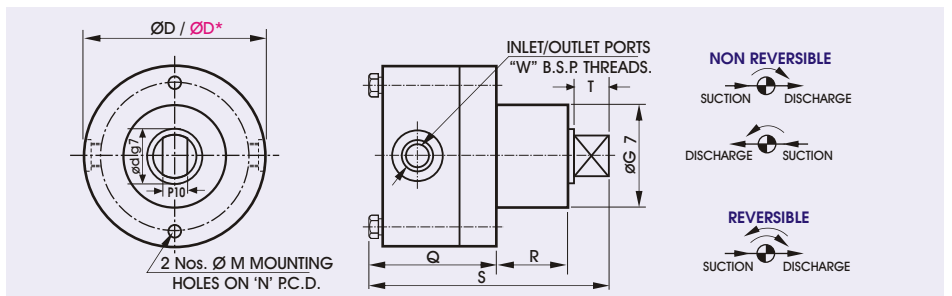
Dimensions in mm

MODEL	Discharge at 1500 RPM	A	B	C	ØD / ØD*	Ød	E	F	ØG	H	J	K	L	M	N	"W" in BSP
PP-0.5	0.5 LPM	16	12	2	50 / 60	7	2	55	30	5	9	2	71	5	39	1/8
PP-1	1 LPM	22	16	3	60 / 70	10	2	70	35	7	11.5	3	95	6.5	47.5	1/4
PP-3	3 LPM	22	16	3	60 / 70	10	2	75	35	7	11.5	3	100	6.5	47.5	1/4
PP-6	6 LPM	30	18	6	80 / 92	12	3	95	45	10	14	4	130	8.5	65	1/4-3/8
PP-10	10 LPM	30	18	6	80 / 92	12	3	105	45	10	14	4	140	8.5	65	1/4-3/8
PP-16	16 LPM	40	25	7	115 / 135	14	4	120	65	14	16	5	150	9	95	1/2"

INSERT TYPE ROTARY PUMPS (Non Reversible / Reversible)



Dimension 'ØD*' for reversible pumps



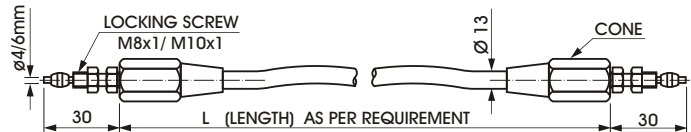
Dimensions in mm

MODEL	Discharge at 1500 RPM	ØD / ØD*	Ød	ØG	M	N	P	Q	R	S	T	"W" in BSP
PP-1	1 LPM	60 / 70	10	35	6.5	47.5	6	48	24	83	10	1/4
PP-3	3 LPM	60 / 70	10	35	6.5	47.5	6	53	24	88	10	1/4
PP-6	6 LPM	80 / 92	12	45	8.5	65	7	65	33	103	12	1/4-3/8
PP-10	10 LPM	80 / 92	12	45	8.5	65	7	75	33	122	12	1/4-3/8



HOSES

Hoses are used to connect points where flexibility is a must and also mechanical strength required. These hoses are available with 4mm and 6mm steel end fittings with working pressure of 28 Kg/cm² to 200 Kg/cm². OD of these hoses is 13mm and ID of 6.3 mm. The length of hose pipes can be supplied as per customer requirement.



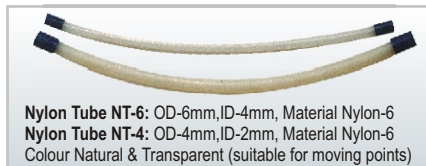
TUBES

Steel Tube :- These are copper coated tube. 6mm OD tube used as a main line & 4mm OD tube used as a secondary line.
Nylon Tube :- These are semi transparent flexible tube of material nylon 6. These tube use where lubrication point is movable.

STEEL TUBES



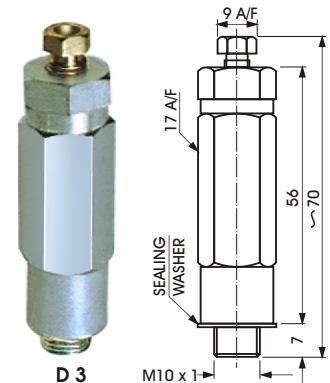
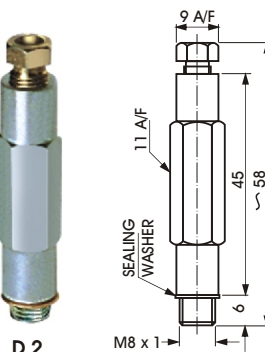
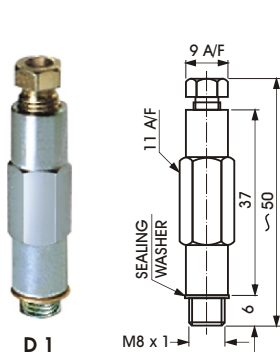
NYLON TUBES



MECHANICAL PROTECTION SPRING



METERING CARTRIDGES



These are valve which eject metered amount of oil to the each lubrication point. It requires recharging time of minimum 1 minute between two cycles. An individual oil distributor is required for individual lubrication point. In order to ensure that correct amount of lubrication point, oil distributor of correct dosage should be selected.

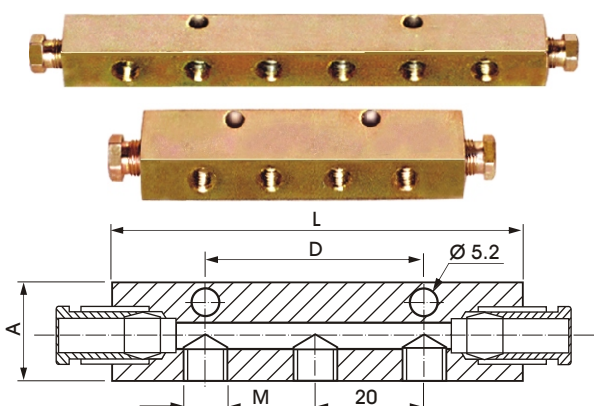
Technical Specification

D-1	Dosage 0.01cc, 0.03 cc, 0.05 cc, 0.10 cc, 0.16 cc per stroke.
D-2	Dosage 0.25 cc, 0.40 cc per stroke.
D-3	Dosage 1.0 cc, 1.60 cc, Per stroke

Note : We are manufacturing injectors in both BRASS and M.S.

MANIFOLDS

Manifold are required for mounting of oil distributors. These having two ports of 6mm OD tube and few side outlets. Oil distributors are screwed directly on side outlets of manifolds.



MODEL	L mm	A mm	Thickness mm	M mm	D mm	Mounting Holes
M-1	35	18	15	M8X1	-	1
M-2	55	18	15	M8X1	-	1
M-3	75	18	15	M8X1	40	2
M-4	95	18	15	M8X1	40	2
M-5	115	18	15	M8X1	40	2
M-6	135	18	15	M8X1	60	2
M-7	155	18	15	M8X1	60	2
M-8	175	18	15	M8X1	60	2
M-1A	40	22	22	M10X1	-	1
M-2A	65	22	22	M10X1	-	1
M-3A	90	22	22	M10X1	50	2
M-4A	115	22	22	M10X1	50	2

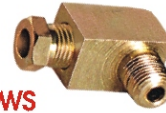
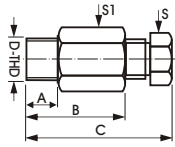
FITTINGS



STRAIGHT CONNECTORS

*TAPER

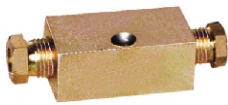
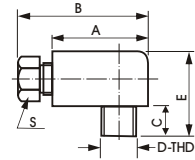
MODEL	Suitable for tube	D	A	B	C	S	S1
FSC-4/M6X1	4 mm. 'OD'	M6X1	7	17	25	9	11
*FSC-4T/M8X1	4 mm. 'OD'	M8X1	7	17	25	9	11
FSC-4/M10X1	4 mm. 'OD'	M10X1	7	17	25	9	11
*FSC-4T/1/8"BSP	4 mm. 'OD'	1/8"BSP	7	17	25	9	11
*FSC-4T/1/4"BSP	4 mm. 'OD'	1/4"BSP	7	26	34	9	19
FSC-6/M6X1	6 mm. 'OD'	M6X1	7	22	32	11	13
FSC-6/M8X1	6 mm. 'OD'	M8X1	7	22	32	11	13
*FSC-6T/M10X1	6 mm. 'OD'	M10X1	7	22	32	11	13
FSC-6/1/8"BSP	6 mm. 'OD'	1/8"BSP	7	22	32	11	13
FSC-6/1/4"BSP	6 mm. 'OD'	1/4"BSP	7	26	34	11	19



ELBOWS

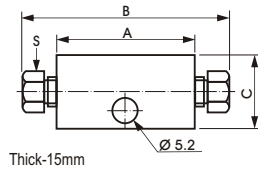
*TAPER

MODEL	Suitable for tube	D	A	B	C	E	S
*FE-4T/M6X1	4 mm 'OD'	M6X1	22	30	10	21	9
*FE-4T/M8X1	4 mm 'OD'	M8X1	22	30	10	21	9
*FE-4T/M10X1	4 mm 'OD'	M10X1	22	30	10	24	9
*FE-4T/1/8"BSP	4 mm 'OD'	1/8"BSP	22	30	10	24	9
*FE-4T/1/4"BSP	4 mm 'OD'	1/4"BSP	25	30	12	26	9
*FE-6T/M6X1	6 mm 'OD'	M6X1	22	32	10	21	11
*FE-6T/M8X1	6 mm 'OD'	M8X1	22	32	10	21	11
*FE-6T/M10X1	6 mm 'OD'	M10X1	22	32	10	24	11
*FE-6T/1/8"BSP	6 mm 'OD'	1/8"BSP	22	32	10	24	11
*FE-6T/1/4"BSP	6 mm 'OD'	1/4"BSP	25	35	12	26	11



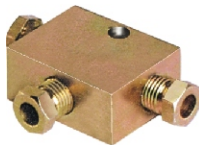
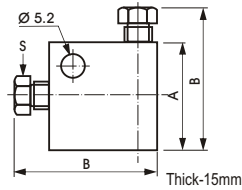
CONNECTOR BLOCKS

MODEL	Suitable for tube	C	A	B	S
FCB-4	4 mm 'OD'	18	35	50	9
FCB-6	6 mm 'OD'	18	35	55	11



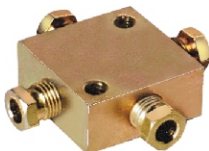
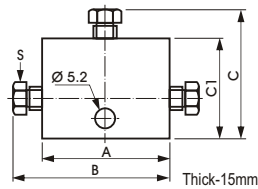
ELBOW BLOCKS

MODEL	Suitable for tube	A	B	S
FEB-4	4 mm 'OD'	25	33	9
FEB-6	6 mm 'OD'	25	35	11



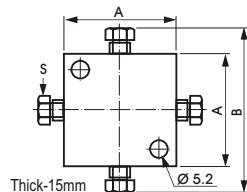
TEE BLOCKS

MODEL	Suitable for tube	C1	C	A	B	S
FT-4	4 mm 'OD'	27	37	35	45	9
FT-6	6 mm 'OD'	27	37	35	45	11



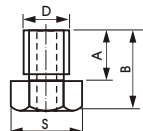
CROSS BLOCKS

MODEL	Suitable for tube	A	B	S
FCR-4	4 mm 'OD'	35	50	9
FCR-6	6 mm 'OD'	35	55	11



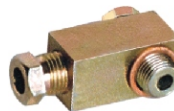
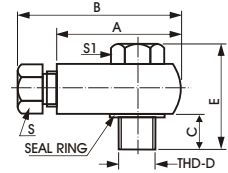
LOCKING SCREW

MODEL	Suitable for tube	D	A	B	S
LS-4	4 mm 'OD'	M8X1	8,5	12,5	11
LS-6	6 mm 'OD'	M10X1	11	15	13



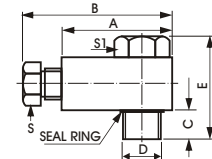
BANJO (4mm)

MODEL	Suitable for tube	D	A	B	C	E	S	S1
FB-4/M6X1	4 mm 'OD'	M6X1	25	33	7	22	9	9
FB-4/M8X1	4 mm 'OD'	M8X1	25	33	7	22	9	11
FB-4/M10X1	4 mm 'OD'	M10X1	27	35	7	22	9	13
FB-4/1/8"BSP	4 mm 'OD'	1/8"BSP	27	35	7	22	9	13



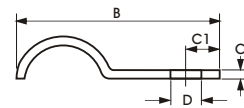
BANJO (6mm)

MODEL	Suitable for tube	D	A	B	C	E	S	S1
FB-6/M8X1	6 mm. 'OD'	M8X1	27	37	7	22	11	13
FB-6/M10X1	6 mm. 'OD'	M10X1	27	37	7	22	11	13
FB-6/1/8"BSP	6 mm. 'OD'	1/8"BSP	27	37	7	22	11	13
FB-6/1/4"BSP	6 mm. 'OD'	1/4"BSP	30	40	8	33	11	17



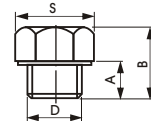
CLAMPS

MODEL	Suitable for tube	Suitable for	D	C1	B	C
C-4-1	4 mm 'OD'	1 Tube	5,5	6	20	1,5
C-4-2	4 mm 'OD'	2 Tube	5,5	6	23	1,5
C-4-3	4 mm 'OD'	3 Tube	5,5	6	26	1,5
C-6-1	6 mm 'OD'	1 Tube	5,5	6	20	1,5
C-6-2	6 mm 'OD'	2 Tube	5,5	6	26	1,5
C-10-1	10 mm 'OD'	1 Tube	6,5	7	28	2,0



PLUGS

MODEL	Sealing Washer	D	A	B	S
P-8	SW-8 mm 'OD'	M8X1	5	10	11
P-10	SW-10 mm 'OD'	M10X1	5	10	13
P-1/4"BSP	SW-1/4"BSP 'OD'	1/4"BSP	9	15	17
P-1/2"BSP	SW-1/2"BSP 'OD'	1/2"BSP	12	19	22

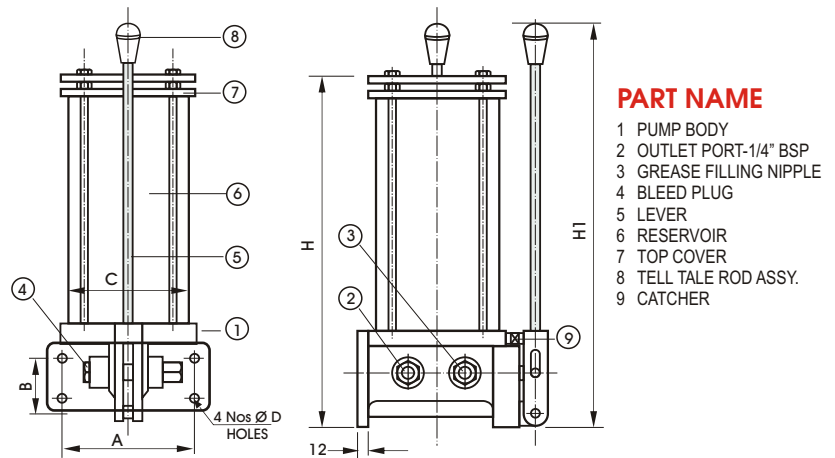


LOCKING CONE (Ferule)

MODEL	Suitable for tube	
LC-4 Brass	4 mm	Material brass ID-4mm
LC-6 Brass	6 mm	Material brass ID-6mm
LC-10 All.	10 mm	Material All./M.S. ID-10mm

MANUAL GREASE PUMPS

These are manually operated Piston type Grease Pumps. Which are used for grease lubrications. The grease is injected to the lubrication points under pressure by these pumps.



Technical Specifications

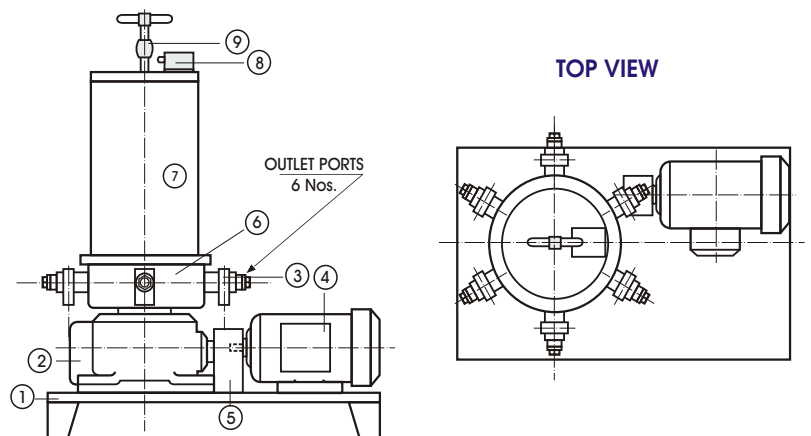
MODEL	RESERVOIR CAP.	DISCHARGE	MAX. PRESSURE	A	B	C	ØD	H	H1
MGP - 500 - 3	0.5 Kg.	3gms / STROKE	70 Kg. / Cm ²	70	30	70	7	240	285
MGP - 1000 - 4	1.0 Kg.	4gms / STROKE	100 Kg. / Cm ²	85	30	85	7	310	325
MGP - 1500 - 6	1.5 Kg.	6gms / STROKE	120 Kg. / Cm ²	85	50	85	9	360	360

MULTILINE RADIAL LUBRICATOR

The Radial Lubricating System is used for ejecting predetermined lubricant whether it is soft grease or thick oil under pressure to different points of the lubrication. The system is best suited for machinery such as Cement Plants, Sugar Plants, Textile Plants, Rubber Processing Plants, Chainsaw machine, Presses and Hammers.

Grease filling in the reservoir can be done manually as well as with the help of other pump. For pump 1/4" BSP port is provided on reservoir.

- Always use proper & clean lubricants. Avoid foreign particles in the pump. The foreign particles or dust items are the main responsible factor to damage physical components of the pump and choking in the plunger body. Do not plug out put of any pumping unit.
- Always fill the lubricants before it is empty to avoid air in the pump. The presence of air may be resulted in improper quantity of discharge.



PARTS NAME

- 1 BASE PLATE
- 2 GEAR BOX
- 3 PLUNGER PUMP
- 4 MOTOR
- 5 GEAR COUPLING BOX
- 6 PUMP HOUSING
- 7 RESERVOIR
- 8 LIMIT SWITCH (OPTIONAL)
- 9 TELL TALE ROD (OPTIONAL)

Technical Specifications

MODEL	RL-1.5-4	RL-5-6	RL-15-12	RL-30-20	RL70-30
Reservoir Capacity in Kg.	1.5	5	15	30	70
No. of Outlets (Pump-Elements)	4	6	12	20	30
Motor 3Phase, 415V.AC, 4 Pole	0.25 HP	0.25 HP	0.50 HP	1.00 HP	1.50 HP
Delivery pressure	200kg/cm ² maximum				
Dose of Pump / Cycle (Adjustable)	0.05cc to 0.25cc/ Stroke/ Pump (max. 5gm/min.)				
Reduction Ratio of Drive	70 : 1				

In this lubricator outlets and reservoir is ment as per customer requirement.

DUAL LINE GREASE LUBRICATION SYSTEM



APPLICATIONS

Dual line system is used where large distance in lubrication points. This is high pressure pump and used in steel plants, cement plants, Turbine generator, furnaces, sugar plants, spong iron plants etc.

CONSTRUCTION

Dual line lubrication system comprising of a single pumping station having pumping elements and fitted on the outer periphery of the housing. Reservoir also mounted on housing and fitted on base plate with motor, gear box, change over valve, pressure gauge etc.

WORKING

Dual line grease lubrication system can be installed with a decided scheme by using main pumping station, end pressure relay, relief valve, change over valve, dose feeder, in line filter, tubing & fitting and electronic control panel. When pump starts, then grease will deliver to main line and it will finally reach to connected lubrication points through dose feeder (Blocks). Once grease has delivered to all points connected with one line, the pressure will rise in the corresponding line as pump is still supplying grease. As soon as pressure crosses set pressure value pressure reversing valve, through control panel actuates. Grease starts flowing into second line. Delivery of grease to lubricating points take place and pressure rises again. When it crosses set pressure of end relay, the system will stop. Cycle is over and it confirm lubrication to all points. Now after preset 'OFF' time system starts again and repeats the same process.

Technical specification

MODELS	DGL-30	DGL-50	DGL-70	DGL-100
Reservoir capacity	30 Kg.	50 Kg.	70 Kg.	100 Kg.
Max. Discharge	250 gm/min.	250 gm/min.	250 gm/min.	250 gm/min.
Delivery Pressure Max.	250 Kg/cm ²	250 Kg/cm ²	250 Kg/cm ²	250 Kg/cm ²
Grease grade	NLGI - I / II	NLGI - I / II	NLGI - I / II	NLGI - I / II

PNEUMATIC PUMP

APPLICATION

The pneumatic grease pump is suitable for dispensing of grease & automatic feeding of grease to bearing and other moving parts of machines. Such as milling machine, rolling machine, presses & hammers, rubber processing machine, dye casting machine, furnaces etc. This pump is suitable for grease upto NLG-2. For distribution we used progressive blocks through this pump.

WORKING

Pneumatic grease pump are operated through pneumatic line, connected to the ports of pneumatic cylinder. The cylinder is built in with the pump housing. During on period of the pneumatic line a piston inside the cylinder is pushed ejecting out grease from the outlet port of the pump housing. During the reverse flow of pneumatic line grease is sucked through the suction port. In the pump spring force through follower plate exerted on the top surface of the grease make the suction of the grease positive & easier. Pneumatic pump is available in adjustable discharge & multiport with adjustable discharge in each port. Discharge & reservoir of pump is available as per customer requirement.



CONSTRUCTION

There is a reservoir mounted on the pump body for storage of grease. A tell tale rod connected for sensing grease level.

- Check valve is fitted on the outlet port of the pump to stop reverse flow of grease into the pump through outlet port.
- To bleed air entrapped in the system, there is a plug on the pump body which is to be opened till continuous flow of grease starts coming.
- The adjusting screw is provided in order to vary in output of the grease by tightening the screw the output of grease decreases and vice versa.
- It is must to put filter regulator unit in the pneumatic line fed to the pump. This will ensure that pneumatic line going to the pump is dust and moisture free.

AIR REMOVING

For air removing, unscrew the bleed plug apply compressed air & press the grease pusher by knob till grease come out from bleed port and plug the bleed port. The pump is ready for operation.



HAND OPERATED MOBILE GREASE FILLING SYSTEM

HGS-5	(Reservoir Cap.-5 Kg.) Discharge-8 gms per stroke, Max. Pr.-100Kg/Cm ² , with Rubber hose & grease adapter.
HGS-10	(Reservoir Cap.-10 Kg.) Discharge-10 gms per stroke, Max. Pr.-125Kg/Cm ² , with Rubber hose & grease adapter.
HGS-20	(Reservoir Cap.-20 Kg.) Discharge-10 gms per stroke, Max. Pr.-150Kg/Cm ² , with Rubber hose & grease adapter.

All above mentioned models are mobile type. The pressure plate or dead weight has been provided in all the models to avoid the air gap. These pumps are suitable for pressurised greasing of machine parts.

NOTE: Remove the pressure plate or dead weight from the bottom of reservoir before filling the grease in the reservoir. Insert the pressure plate or dead weight in reservoir after filling the grease in the reservoir.



AIR OPERATED MOBILE GREASE FILLING SYSTEM

GFS-25 (Mobile)	Reservoir Cap.-25 Kg. Discharge-300 to 400 gms per minute, Max. Pr.-125 Kg/Cm ² , with rubber hose, Grease gun & Trolley mounted.
GFS-50 (Mobile)	Reservoir Cap.-50 Kg. Discharge-300 to 400 gms per minute, Max. Pr.-125 Kg/Cm ² , with rubber hose, Grease gun & Trolley mounted.
GFS-200	Suitable for drum Cap.-200 Kg, Discharge-300 to 400gms per minute, Max. Pr.-150Kg/Cm ² , Air input pressure 5-7 Kg/Cm ² . With rubber hose & grease gun. This pump is suitable for transfer the grease with greater discharge.

NOTE:-*Drum shown in the figure is not the part of item.

SPARES

FLOAT SWITCH



PRESSURE SWITCH



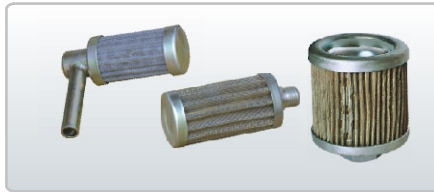
PRESSURE GAUGE



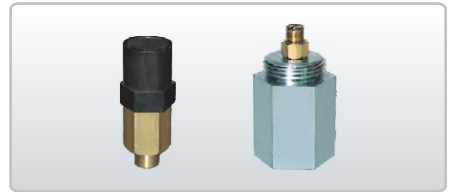
OIL FILLER CUM AIR BREATHER



SUCTION STRAINER



RELIEF VALVE



IN LINE FILTER



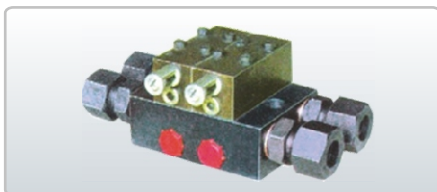
SIGHT GLASS



OIL LEVEL GAUGE



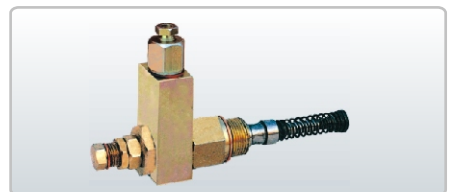
DUAL LINE BLOCKS



PROGRESSIVE BLOCKS



PLUNGER PUMPS



The Leader in Centralised Lubrication System



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131, First Floor, Friends Colony, Parvesh Marg, Old FARIDABAD-121002 (HR) INDIA
Telephone : 0129-4161727 Mobile : +(91) 9711059543, +(91) 7838364221
E-mail : lubrimacsystems@yahoo.com lubrimacsystem@gmail.com
Website-www.lubrimac.in