

SVM 96 PNEUMATIC GREASE PUMP



Description

Grease Pump Model SVM 96 is an air operated single stroke pump to dispense Lubricant NLGI No.1. It requires air for both forward and return stroke. The Lubricant is discharged during the forward stroke. The total quantity required for the equipment to be lubricated should not exceed the pump output capacity. This pump is used for a centralised single line parallel system connected using injectors model SVM-33 and SVM-32 or progressive unit model SVM 21

Features

- Clear transparent Reservoir for visual lubricant level.
- Can be directly mounted on the equipment.
- Optional low level sensor.
- Optional solenoid valve with bracket.
- Solid state timer / logic controller - optional

Technical Specification

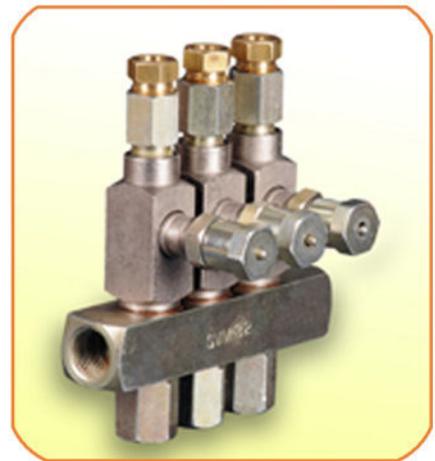
Model No	Ratio	Output in CC	Reservoir capacity	Air inlet port	Lubricant output port	Output lubricant pressure (PSIG)	
						Min	Max
SVM 9640	25 : 1	34 CC	2 kg	1/4" NPTF	1/4" NPTF	2200	3500
SVM 9640	25 : 1	34 CC	3 kg	1/4" NPTF	1/4" NPTF	2200	3500
SVM 9625	25 : 1	22 CC	2 kg	1/4" NPTF	1/4" NPTF	2200	3500
SVM 9625	25 : 1	22 CC	3 kg	1/4" NPTF	1/4" NPTF	2200	3500

Note :

The company reserves the right to vary models and dimensions without notice

SVM 32 GREASE INJECTOR

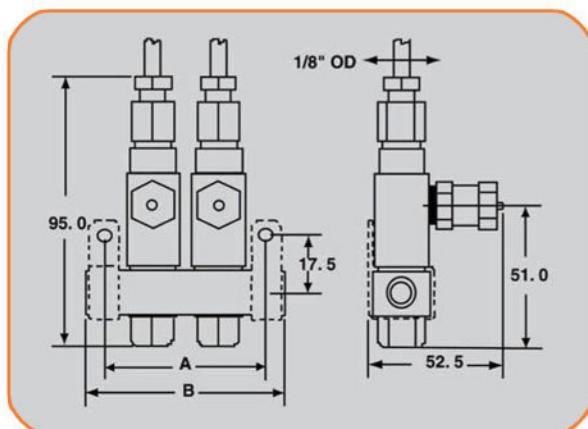
The Luberr Grease Injectors Model SVM 32 can dispense lubricant up to grease grade NLGI-1 and they can be manually adjusted to dispense a precise amount of lubricant as per actual bearing requirements. They can be installed either individually at each bearing point or grouped manifold with feed line supplying lubricant to the bearing. They can be used in the system along with SVM 33 and SVM 1.



Special features:

- Output volume adjustment.
- External grease fitting.
- Visual indicator pin
- Easily interchangeable.

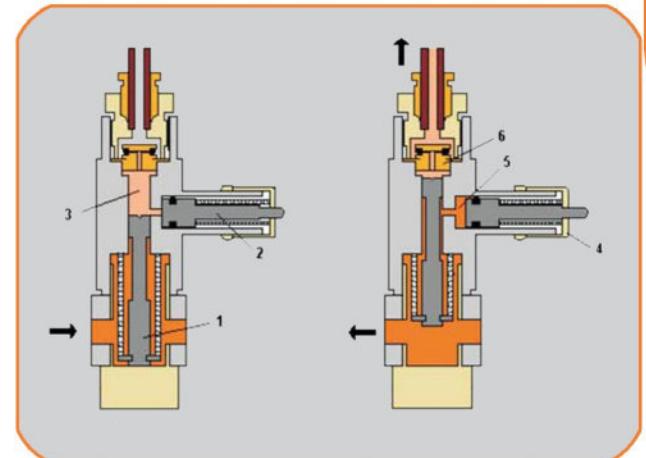
SVM 32 Dimensional Details



Model	Part Number	Name	Dim "A"	Dim "B"	Lube Inlet
SVM320106	100830	1 Way	30.0	45.0	1/4" NPTF
SVM320206	100831	2 Way	50.0	65.0	1/4" NPTF
SVM320306	100832	3 Way	70.0	85.0	1/4" NPTF
SVM320406	100833	4 Way	90.0	105.0	1/4" NPTF
SVM32U06	100835	Unit Assly	NA	NA	NA

Technical Specifications

Description		Specifications	
Outut Lubricant Volume Per Cycle	Min Max	0.001 cu.in (0.016cc) / 0.008 cu.in (1.131cc)	Adjustable
Operating Pressure	Min Max	1200 PSI (82 Bar) / 3500 PSI (241 Bar)	
Recommended Operating Pressure		1500 PSI (102 Bar)	
Reset Pressure		200 PSI (14 Bar)	
Recommended Fluids		Grease NLGI Grade 1 or Lighter	
Outlet Port Size		1/8" OD or 1/4" OD Tube Connector	
No of Outlets		Upto 4 Outlets	



Stage 1 (Supply line pressure): Lubricant pressure moves the plunger which forces the lubricant in the discharge chamber through the outlet check valve to the feed line.

Stage 2: With the supply line getting vented, plunger returns to normal position, connecting measuring chamber to the discharge chamber. The outlet check valve blocks the flow from feed line, the lubricant is automatically transferred to discharge chamber from measuring chamber.

Injector tuning: The injector output is controlled by the position of the indicator cap which hunts the travel of the packing retainer. With the indicator cap hand tightened, the lubricant output is decreased to a minimum. Retracting the indicator cap two full turns permits maximum lubricant to be dispersed. Beyond that the output will not increase even if the indicator cap is retracted.

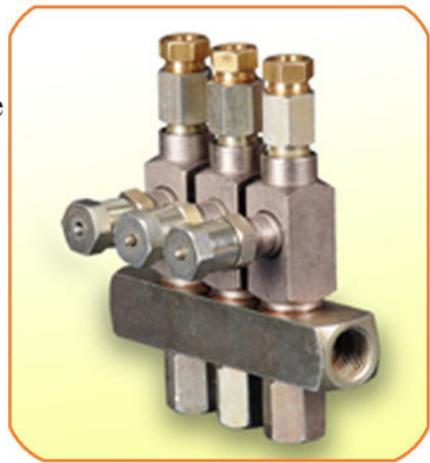
After the injector is adjusted for the proper lubricant output, the lock nut is tightened.

SVM 33 GREASE INJECTOR

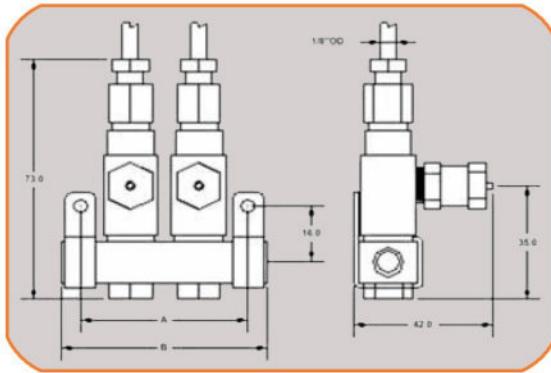
The Luberr Grease Injectors Model SVM32 injector can dispense lubricant up to grease grade NCGI-1 and they can be manually adjusted to dispense a precise amount of lubricant as per actual bearing requirements. They can be installed either individually at each bearing point or grouped manifold with feed line supplying lubricant to the bearing. They can be used in the system along with SVM 32 and SVM 1.

Special features:

- External adjustment, possible
- External grease fitting, possible
- Capable of injecting low volume of lubricant
- Has visual indicator pin



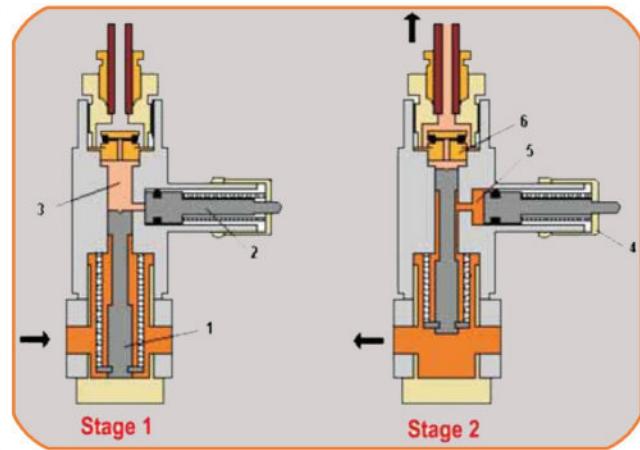
SVM 33 Dimensional Details



Model	Part Number	Name	Dim "A"	Dim "B"	Lube Inlet
SVM330106	100836	1 Way	27.5	40.0	1/8" NPTF
SVM330206	100837	2 Way	47.5	60.0	1/8" NPTF
SVM330306	100838	3 Way	67.5	80.0	1/8" NPTF
SVM330406	100839	4 Way	87.5	100.0	1/8" NPTF
SVM33U06	100841	Unit Assly	NA	NA	NA

Technical Specifications

Description		Specifications
Outut Lubricant Volume Per Cycle	Min Max	0.001 cu.in. (0.016 cc) \ 0.003 cu.in. (0.049 cc) \ Adjustable
Operating Pressure	Min Max	1200 PSI (82 Bar) 3500 PSI (241 Bar)
Recommended Operating Pressure		1500 PSI (102 Bar)
Reset Pressure		200 PSI (14 Bar)
Recommended Fluids		Grease NLGI Grade 1 or Lighter
Outlet Port Size		1/8" OD or 1/4" OD Tube Connector
No of Outlets		Upto 9 Outlets



Stage 1 (Supply line pressures): Lubricant pressure moves the plunger which forces the lubricant in the discharge chamber through the outlet check valve to the feed line

Stage 2: With the supply line getting vented, plunger returns to normal position, connecting measuring chamber to the discharge chamber. The outer check valve blocks the flow from feed line, the lubricant is automatically transferred to discharge chamber from measuring chamber

Injector tunings: The inject output is controlled by the position of the indicator cap which hunts the travel of the packing retainer. With the indicator cap hand tightened, the lubricant output is decreased to a minimum. Retracting the indicator cap two full turns permits maximum lubricant is to be dispensed. Beyond that the output will not increase even if the indicator cap is retracted.

When the injector is adjusted for the proper lubricant output, the lock nut is tightened.

LUBERR ACCESSORIES

PART NUMBER	MODEL NUMBER	PART DISCRIPTION	IMAGE
100032	BG052	SINGLE PERFORMANCE GASKET 13X10.3X1	
100034	BG054	32 MANIFOLD GASKET 13X16X1	
100977	BJ001	1/4 " NPT HEX NIPPLE- BRASS	
100070	BJ051	10MM OD UNION STC-BRASS	
100073	BJ073	10MM OD OLIVE-FERRULE - BRASS	
100982	BJ077	1/8"BSP X 10MM OD STC	
101063	BJ089	FITTING MS 1/4 X 10 MM STRAIGHT BRASS	
100998	BJ139	1/8" X 1/8" BSP HEX NIPPLE	
101125	BJ158	1/8" NPT X 6 MM OD ETC-MS	
100080	BJ159	10MM OD EQUAL TEE- BRASS	

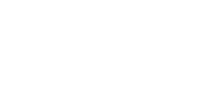
LUBERR ACCESSORIES

PART NUMBER	MODEL NUMBER	PART DISCRIPTION	IMAGE
101077	BJ170	EQUAL TEE 6 MM OD	
101131	BJ174	1/4 Female T	
100978	BJ182	10MM OD X 1/4" BRANCH TEE	
100981	BJ223	1/8" NPT M X 6 MM OD STC- BRASS	
101057	BJ234	1/4" BSP M PLUG ZN NI BLACK PLATED	
101048	BJ249	1/4" NPT M X 3/8" OD ETC-BRASS	
101086	BJ255	1/8" NPT FEMALE TEE- BRASS	
101041	BJ259	1/8" NPT M X 6MM OD ETC- BRASS	
101076	BJ261	1/4" NPT M X 10MM OD ETC-MS	
100097	BJ284	6MM OD UNION STC- BRASS	

LUBERR ACCESSORIES

PART NUMBER	MODEL NUMBER	PART DISRIPTION	IMAGE
101050	BJ285	1/8" NPT M X 1/4" OD ETC- BRASS	
100983	BJ342	1/8" NPT X 10MM OD STC -BRASS	
101018	BJ355	1/4"BSPT MALE X 1/4"BSP FEMALE ETC-BRASS	
100985	BJ479	1/4" FEMALE TEE- BRASS	
100931	BM021A1	33/42 INDICATOR PIN	
100140	BM041 A1	32/43 INDICATOR PIN	
100929	BM046A1	SPLIT WASHER 33-PLATING	
100141	BM050	INJECTOR NRV DRILLING	
100142	BM051A3	MOUNTING CLAMP-33	
100967	BM062A3	INJECTOR CLAMP SVM32	

LUBERR ACCESSORIES

PART NUMBER	MODEL NUMBER	PART DISCRIPTION	IMAGE
100170	BR001	PLUG ORING DIA 9.0 X 1.0 (NEW)	
100174	BR007	PISTON SEAL OD 25 X ID 19.8 X TH2.5	
100175	BR009	CUP WASHER OD103 X ID 80.5 X TH8.5	
100177	BR015	RESERVOIR RETAINER NBR O RING ID 12 X 3	
100179	BR026	INJECTOR O-RING ID 2.9 X 1.85	
100191	BS011	PLUNGER SPRING 33	
100930	BS012	RETAINER SPRING-33	
100192	BS014	PLUNGER SPRING 32	
100193	BS015	RETAINER SPRING-32	
100197	BT006	10MM OD COPPER TUBE-18	

LUBERR ACCESSORIES

PART NUMBER	MODEL NUMBER	PART DISCRIPTION	IMAGE
100198	BU016	GREASE HOSE 8.5-OD X 4-ID	
100202	BU026	RIKKON NYLON TUBING- 6 OD X 3 ID -BLACK	
101154	BU110	R.H-1/8"BSP SW NUT-BOTH SIDES-66"-L -R2	
101153	BU111	R.H-1/8"BSP SW NUT-BOTH SIDES-27"-L -R2	
100333	SA1061	SVM96 RESERVOIR SPARE KIT	
100980	SA113	33/32- INJECTOR NRV WITH "O" RING	
100927	SF331	SVM33-RETAINER	
100926	SF332	SVM32 RETAINER	
100555	SF457	6 MM O.D OUTLET ADAPTER BODY- FOR INJEC	
100556	SF458	6 MM JOINT NUT- FOR INJECTORS	

LUBERR ACCESSORIES

PART NUMBER	MODEL NUMBER	PART DISCRIPTION	IMAGE
100584	SK023	INJECTOR SPARE KIT FOR SVM32 MODEL-1	
100585	SK024	INJECTOR SPARE KIT FOR SVM33 MODEL-1	
100586	SK026	MERCURY PUMP SPARE KIT	
100587	SK027	PUMP SPARE KIT FOR SVM96-2KG	
100589	SK029	SPARE KIT LINCOLN PUMP	
100891	SK057	SVM96 RESERVOIR SPARE KIT-3kg	
101161	SK071	PUMP SPARE KIT 9640-3kg	
100196	BT001	6MM OD COPPER TUBE	
100555	BJ231	6MM OLIVE FERRULE - BRASS	
100556	SA025	BALANCING VALVE ASSEMBLY-1/4 BSPF	

LUBERR CLS FOR RUBBER MIXING MILL



The Luberr LRA Pumps are designed to provide grease for lube points on industrial equipments. Luberr LRA pumps eliminates machinery downtime caused by poor lubrication as well as prolonging the life of machinery in general

Motor Specification

The Luberr Radial Pumps are assembled with 440VAC (3 Phase motor), which provides 46RPM by transmitting power through the worm gears, The shaft connected to the gear box rotates due to which the cam connected to the shaft also rotates thus it make the Pumping units to actuate and grease is pumped out.

Pump Technical Specification

Model : LRA Pump (Luberr radial pump with follower)
 Motor : AC geared motor (440AC 3P/230 V AC 1P)
 Reservoir : Aluminium reservoir/Acrylic reservoir
 Max.opr.temperature: -30 to +55 Deg C
 Pump max opr.pressure: 350bar
 Max.no of outlets/pumping elements : 5-B1 model, 8-B2 model
 Grease charging : Grease nipple with filter provided

Grease Charging

The LRA (Luberr Radial Pumps) is provided with the grease charging inlet fitted with the grease nipple through which the clean grease can be charged into the pump, Grease grade for LRA Max. upto NLGI 2

Pumping Unit

Pumping unit fitted with the LRA pumps are capable of delivering optimum to the required greasing points
 LRA pumps can have a max. of 5 pumping units for B1, 8 pumping units for B2
 Mounting thread : M22 X 1.5P
 Outlet thread : 1/4" BSP
 Optional O/P thread : M10 X 1P

