

ABOUT SVM 32 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 the 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 1S.

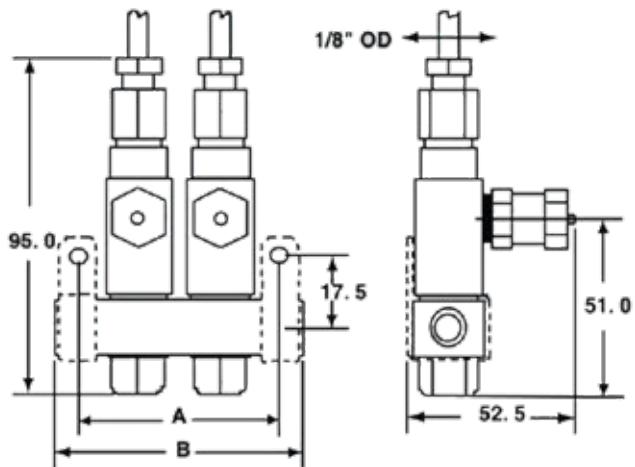
Special features :

- ◆ Output Volume adjustment
- ◆ Visual Indicator Pin
- ◆ External Grease Fitting
- ◆ Easily Interchangeable



SVM - 32 Dimensional Details

Model #	Description	Dim. "A" mm	Dim. "B" mm	Lubricant Inlet
SVM 321	1 Way	30.0	45.0	1/4 " NPTF
SVM 322	2 Way	50.0	65.0	1/4 " NPTF
SVM 323	3 Way	70.0	85.0	1/4 " NPTF
SVM 324	4Way	90.0	105.0	1/4 " NPTF
SVM 32U	unit Assy	NA	NA	1/4 " NPTF



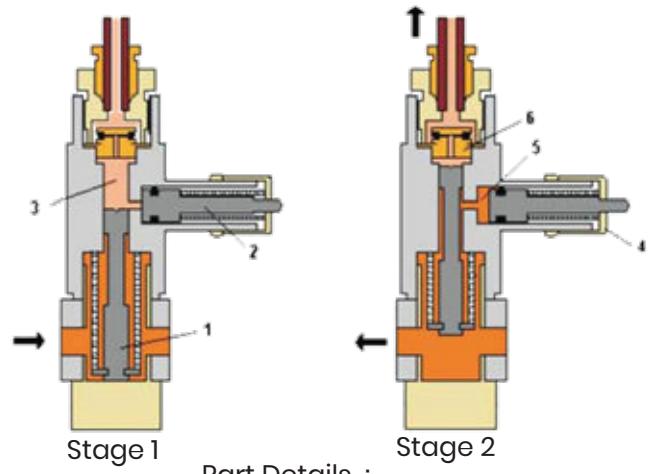
RIKKON GROUP OF COMPANIES



SVM - 32 TECHNICAL SPECIFICATIONS

 LUBRICANT UNDER PRESSURE
 LUBRICANT OUTPUT

DESCRIPTION	SPECIFICATION
Output Lubricant Volume per cycle	Adjustable
Minimum	0.001 cu.in. (0.016 cc)
Maximum	0.008 cu.in (0.131 cc)
Operating Pressure	
Minimum	1200 PSI (82 BAR)
Maximum	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 TO 4 OUTLETS


Part Details :

1. Plunger
2. Retainer
3. Discharge chamber
4. Capnut
5. Measuring Chamber
6. Non-Return Valve

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 is to dispensed. 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.

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