

## ABOUT SVM 42 INJECTOR

At a low pressure, SVM - 42 Luberr Lube injectors dispense lubricant. Manual adjustment of the injector is possible, for dispensing definite amount of lubricant, that meet / conform to the actual bearing requirements.

The injectors can be installed individually or grouped as per lubricant supply per requirements at the bearing points. SVM 42 injectors are capable of being used in the system with SVM 43 and SVM 44.

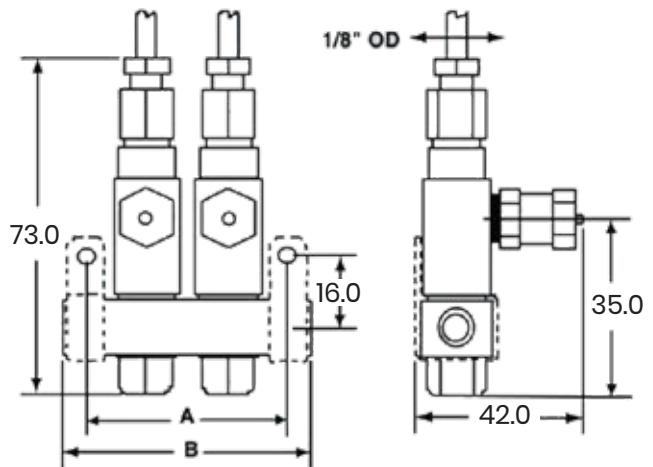
### Special features :

- Can be adjusted externally
- Visual indicator pin, available
- External of injecting fitting, possible
- Capable of injecting low volume of lubricant.



## SVM - 42 Dimensional Details

Model #	Description	Dim. "A" mm	Dim. "B" mm	Lubricant Inlet
SVM 421	1 Way	27.5	40.0	1/8 " NPTF
SVM 422	2 Way	47.5	60.0	1/8 " NPTF
SVM 423	3 Way	67.5	80.0	1/8 " NPTF
SVM 424	4 Way	87.5	100.0	1/8 " NPTF
SVM 425	5 way	107.5	120.0	1/8 " NPTF
SVM 426	6 way	107.5	120.0	1/8 " NPTF
SVM 4210	10 way	207.5	220.0	1/8 " NPTF
SVM 4215	15 way	307.5	320.0	1/8 " NPTF
SVM 42U	unit Assy	NA	NA	NA



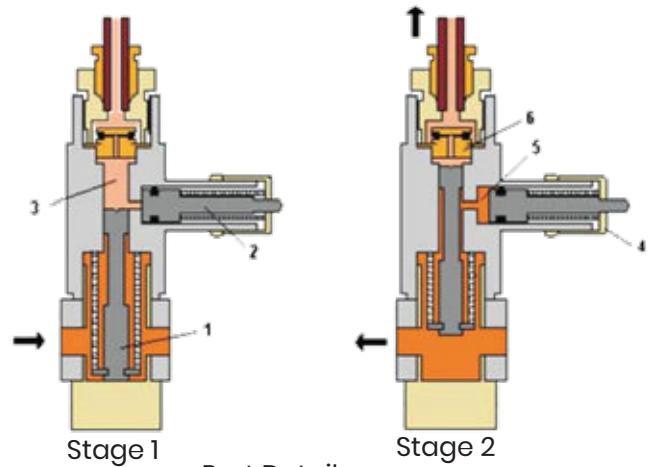
## RIKKON GROUP OF COMPANIES



## SVM - 42 TECHNICAL SPECIFICATIONS

 LUBRICANT UNDER PRESSURE  
 LUBRICANT OUTPUT

DESCRIPTION	SPECIFICATION
Output Lubricant Volume per cycle	Adjustable
Minimum	0.001 cu.in. (0.006 cc)
Maximum	0.008 cu.in (0.049 cc)
Operating Pressure	
Minimum	750 PSI (51 BAR)
Maximum	1000 PSI (68 BAR)
Recommended Operating Pressure	850 PSI (58 BAR)
Reset Pressure	150 PSI (10 BAR)
Recommended Fluids	OIL
Outlet Port size	1/8" OD TUBE CONNECTOR
Inlet port size	1/8" NPT FEMALE
No. of Outlets	UPTO TO 15 OUTLETS



### Part Details :

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

**Stage 1 (Supply line under Pressure)** : The Lubricant pressure moves the plunger that allows the lubricant in the discharge chamber flow through the outlet check valve to the feed line. The lubricant from the supply line then, changes the measuring chamber.

**Stage 2 (Supply line vented)** : The plunger returns to its normal position after the supply line is opened connecting the measuring chamber with the discharge chamber. The flow from feed line is blocked by the outlet check valve and the lubricant gets transferred from the measuring chamber to the discharge chamber.

**Injector tuning** : The indicator cap's position limits the movements of the packing behaviour which controls the injectors output. With the tightening of the indicator cap, the lubricant output gets decreased to a minimum. The maximum lubricant is dispensed when the indicator cap is retracted twice. Beyond two full turns, there can be no increase in the lubricant output dispensed. When the injector is adjusted for the required lubricant output quality the lock nut is tightened against the face of the lubricator cap.

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