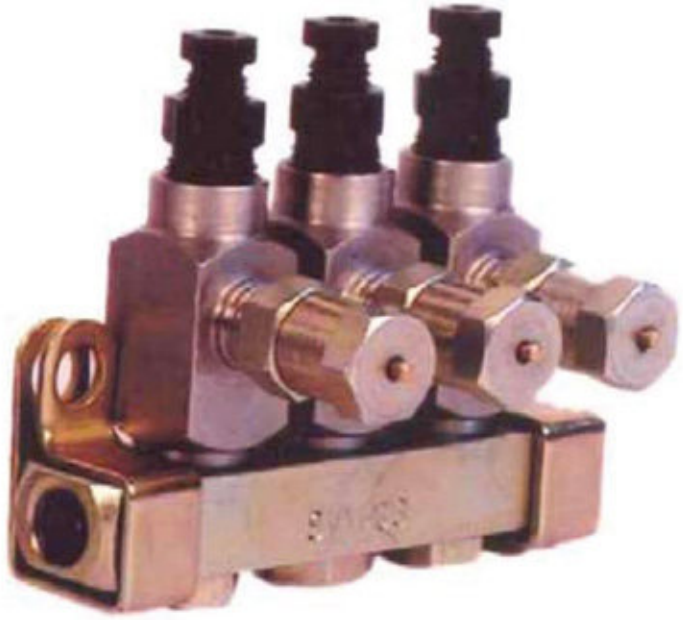
SVM-33 INJECTORS

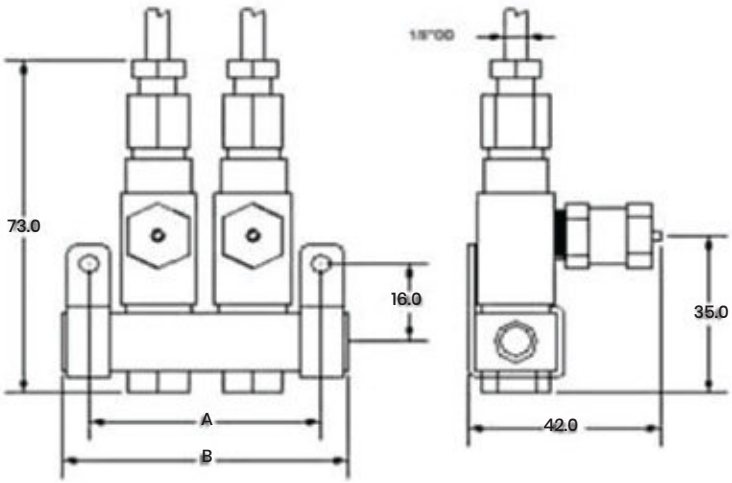
These injector can dispense lubricant up to grease grade NLGI 1 and they can be manually adjusted to dispense a precise amount of lubricant as per actual bearing requirements.

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 1S.



Special Features :

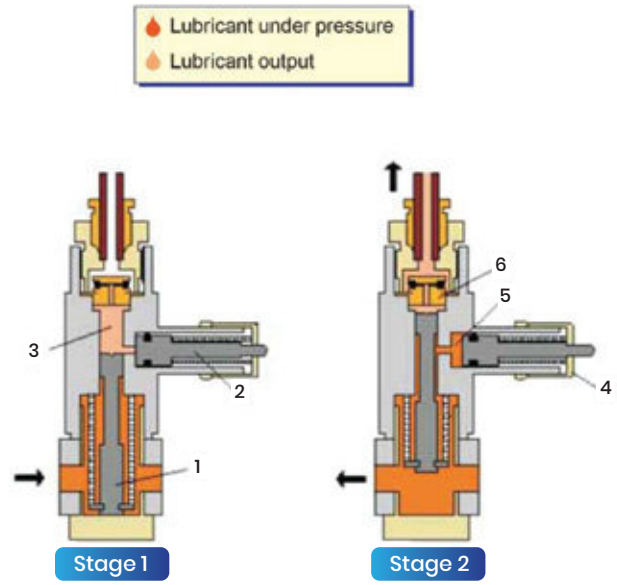
- External adjustment , possible
- Has visual indicator pin
- External grease fitting , possible
- Capable of injecting low volume of lubricant



HOW TO ORDER ?

Model#	Description	Dim "A" mm	Dim "B" mm	Lubricant inlet
SVM 331	1 Way	27.5	40.0	1/8" NPTF
SVM 332	2 Way	47.5	60.0	1/8" NPTF
SVM 333	3 Way	67.5	80.0	1/8" NPTF
SVM 334	4 Way	87.5	100.0	1/8" NPTF
SVM 335	5 Way	107.5	120.0	1/8" NPTF
SVM 336	6 Way	127.5	140.0	1/8" NPTF
SVM 338	7 Way	167.5	180.0	1/8" NPTF
SVM 339	8 Way	187.5	200.0	1/8" NPTF
SVM 33U	unit assly	NA	NA	NA

RIKKON GROUP OF COMPANIES



Part details :

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

Technical Specifications

Description	Specification
Output Lubricant Volume per cycle Minimum Maximum	Adjustable 0.001 cu.in. (0.016 cc) 0.003 cu.in (0.049 cc)
Operating Pressure Minimum Maximum	1200 PSI (82 Bar) 3500 PSI (241 Bar)
Recommended Operation 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
Inlet Port Size	1/8 " NPT Female
No. of Outlets	Upto 9 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 is to be dispersed. 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 lightened.

contact us

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