SVM-01S INJECTORS
HIGH PRESSURE INJECTORS

SVM 01S INJECTOR

SVM 01SQM INJECTOR

FEATURES

Adjuster
Output of the injector can be adjusted for the indvidual bearing

Visual Monitoring
Each injector can be monitored with the movement of indicator pin

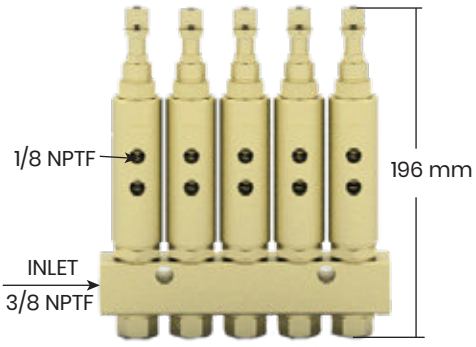
Covers
Indicators pins are covered with the cap
(Protect from dusts)

Grease Fittings
Manual feeding of grease to a point is made possible with this fitting.

Combinational Injectors Outlet
Outputs can be combined from more than one injectors

About High Pressure Injectors

The SVM-01-S Injectors can dispense lubricant upto NLGI-1 graded grease. SVM-01-S can be manually adjusted with adjuster nut on top for the required precise amount of grease to the greasing points. This injector can also be combined with the other SVM 11 , SVM 32 systems also to provide grease for the bearing points



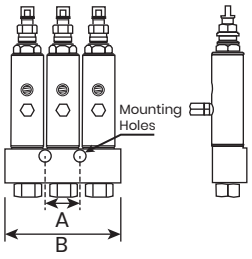
RIKKON GROUP OF COMPANIES

Technical Specification

Model : SVM-01-S
Max. No of Outlets : 6
Max. Grease Grade : NLGI 1 or Lighter
Inlet port : 3/8" NPT
Outlet port : 1/4" NPT
Lubricant Volume per cycle : Min-0.013 cc/stroke
Max-1.31 cc/stroke
Reset pressure : 41 Bar
Operating Pressure : Min-128 bar Max -241 Bar
Wetted Parts : CS, SST, Copper

How To Place An Order ?

Part No	SVM01S	'A' Dimension	'B' Dimension
SVM01S1	ONE WAY	NA	63
SVM01S2	TWO WAY	NA	76
SVM01S3	THREE WAY	31.7	107.5
SVM01S4	FOUR WAY	63.4	139
SVM01S5	FIVE WAY	95.1	170.5
SVM01S6	SIX WAY	127	202.75



How Does It Work ?

1. The Lubricant is pumped into the Injector.

2. The Pressurised lubricant pushes the plunger against the spring tension. The plunger moves such that it opens the port on the plug.

3. The Lubricant is directed towards the top of the plunger.

4. The Plunger is pushed down against the spring.

5. The Piston moves and pushes the plunger such that the port on the plug is closed. Injector remains in the position till there is pressure in the main / inlet line.

6. As soon as the pressure in the main line drops, the plunger is moved to its original position, opening the part to discharge the chamber.

7. The piston moves due to spring action, drains the lubricant (discharge) chamber and ready for next cycle.

8. In the cycle the grease in discharge chamber is pushed out to the lube point / bearing

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