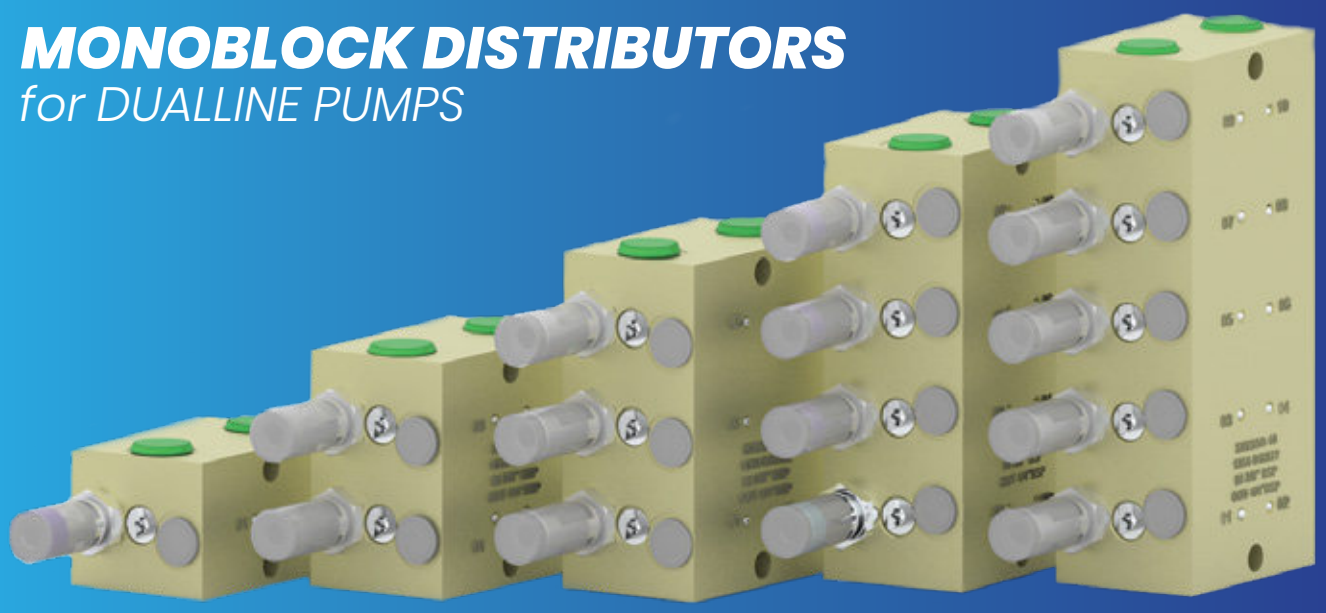
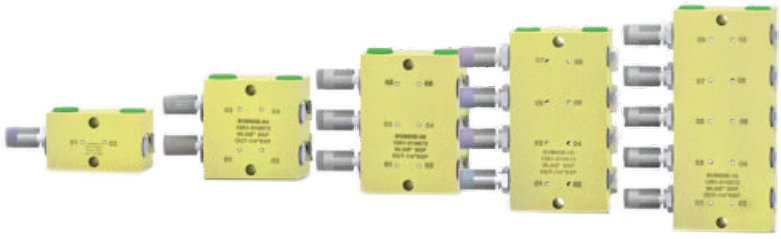
DUALLINE MONOBLOCK DISTRIBUTORS

for DUALLINE PUMPS



SVM 65B – DUALLINE Distributors are used with dualline pumps. The SVM 65B is plunger operated distributor suitable for operating with mineral oil and grease upto NLGI grade 2. These DUALLINE Distributors deliver the lubricant fed by the pump into present individual volume to the connected lubricant point. The pump supplies lubricant alternatively on each line with help of LCV (Line Change-over Valve).

TECHNICAL SPECIFICATION



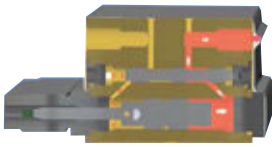
Lubricant Output	0 - 2.3 cc Per outlet per cycle (adjustable)
Minimum Operating Pressure	35 Bars
Maximum operating Pressure	400 Bars
Inlet Connection Size	3/8" BSPF
Outlet Connection Size	1/4" BSPF
Monitoring	Adjustable Indicator or Switch
Lubricant	Maximum upto NLGI grade 2
No of Outlets	2 / 4 / 6 / 8 / 10 outlets

Working

Stage 1

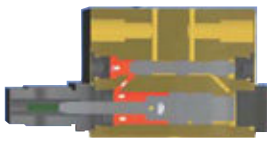
Pressurized Lubricant is supplied to the metering device via main line. The control piston starts moving in the direction displacing the lubricant in front of the control piston into the relieved main line

Stage 2



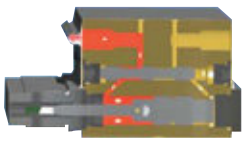
When the control piston opens the connecting passage lubricant rushes to the right end of the dispensing piston leading to push the lubricant aside the piston through the cross connection passage to the lubrication point. With the dispensing piston in its terminal position the pressure in the main line will continue to rise to reach the present change over pressure of the two line system. At this stage the change over valve of the system operates to connect main line 1 which has so far been under pressure to the lubricant reservoir of the lubruication pump & the lubricant in main line is depressurized.

Stage 3



At the time the change over valve connects to another piston moves in opposite direction displacing the lubricant ahead of the control piston into the relieved main line.

Stage 4



When the control piston uncovers the connecting passage lubricant is transferred to the left end of the dispensing piston & displaces it to the other direction. The lubricant ahead of the dispensing piston, the pressure in the main line will continue rising to reach the present change over pressure of the two line system. At this stage the change over valve will once again cause a pressure changing ove rin main lines and cycle will be repeated.

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