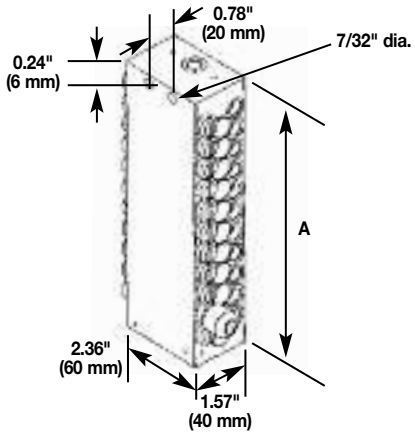
SSV-D Metering Device



SSV-D metering devices are adjustable per outlet pair, thus enabling lubricant requirements to be better met. The metering occurs within the block via metering screws that are available in ten different outputs (sold separately).

The outputs of the progressive metering device can be easily set, even after installation. Simply put in a different size metering screw! Tedious reassembly of entire metering device segments is a thing of the past.

The SSV-D can be integrated into systems using standard SSV metering devices. Both metering device types also use the same components such as piston detector and outlet closure plugs.

Specifications:

Construction Material	Max. Operating Pressure	Output/Outlet Pair/Stroke cu. in. / cc	Lubricant Inlet	Outlet Connection	Operating Temperature
Carbon Steel	5076 psig / 350 bar	Min. .0049/.08 / Max. .110/1.8	⅛" NPTF(F)	M 10 x 1	-13°F to 158°F / (-25°C to 70°C)

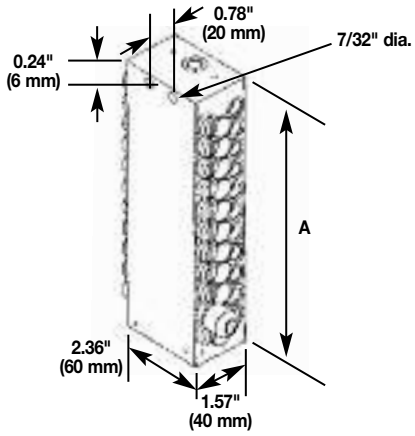
Model No.	Maximum Number of Outlets	Cycle Indicator Pin	Dimension A in. / mm	Number of Required Metering Screws
649-29535-1	6	No	2.75 / 70	3
649-29545-1		Yes		
649-29536-1	8	No	3.35 / 85	4
649-29546-1		Yes		
649-29537-1	10	No	3.94 / 100	5
649-29547-1		Yes		
649-29538-1	12	No	4.53 / 115	6
649-29548-1		Yes		
649-29539-1	14	No	5.12 / 130	7
649-29549-1		Yes		
649-29627-1	16	No	5.71 / 145	8
649-29635-1		Yes		
649-29628-1	18	No	6.3 / 160	9
649-29636-1		Yes		
649-29629-1	20	No	7.48 / 190	11
649-29637-1		Yes		
649-29630-1	22	No		
649-29638-1		Yes		

Metering Adjustment Screws

Model Number (Sold as Each)	Model Number (Bag of 12)	Output cu. in. / cc
303-16118-1	549-34254-1	.0049 / 0.08
303-16119-1	549-34254-2	.0085 / 0.14
303-16120-1	549-34254-3	.012 / 0.2
303-16121-1	549-34254-4	.018 / 0.3
303-16122-1	549-34254-5	.024 / 0.4

Model Number (Sold as Each)	Model Number (Bag of 12)	Output cu. in. / cc
303-16123-1	549-34254-6	.037 / 0.6
303-16124-1	549-34254-7	.049 / 0.8
303-16125-1	549-34254-8	.061 / 1.0
303-16126-1	549-34254-9	.085 / 1.4
303-16127-1	549-34255-1	.110 / 1.8

SSV-D Metering Device with Outlets 1 & 2 Together



For added installation flexibility, outlets 1 and 2 can be singled together. In this configuration, outlets #1 and #2 are internally connected thus doubling the output through one output port. For example, an SSV-D 6/5 valve will have ive outlets of which outlets #1 and #2 will be combined for greater output. See the chart below for models and outlet configurations.

Specifications:

Construction Material	Max. Operating Pressure	Output/Outlet Pair/Stroke cu. in. / cc	Lubricant Inlet	Outlet Connection	Operating Temperature
Carbon Steel	5076 psig / 350 bar	Min. .0049/.08 / Max. .110/1.8	⅛" NPTF(F)	M 10 x 1	-13°F to 158°F / (-25°C to 70°C)

Model No.	Description	Maximum Number of Outlets	Cycle Indicator Pin	Number of Required Metering Screws
649-29540-1	NPT SSVD 6/5-V1-A	5	Yes	3
649-29550-1	NPT SSVD 6/5-V1-K-A		No	
649-29541-1	NPT SSVD 8/7-V1-A	7	Yes	4
649-29551-1	NPT SSVD 8/7-V1-K-A		No	
649-29542-1	NPT SSVD 10/9-V1-A	9	Yes	5
649-29552-1	NPT SSVD 10/9-V1-K-A		No	
649-29543-1	NPT SSVD 12/11-V1-A	11	Yes	6
649-29553-1	NPT SSVD 12/11-V1-K-A		No	
649-29544-1	NPT SSVD 14/13-V1-A	13	Yes	7
649-29554-1	NPT SSVD 14/13-V1-K-A		No	
649-29631-1	NPT SSVD 16/15-V1-A	15	Yes	8
649-29639-1	NPT SSVD 16/15-V1-K-A		No	
649-29632-1	NPT SSVD 18/17-V1-A	18	Yes	9
649-29640-1	NPT SSVD 18/17-V1-K-A		No	
649-29633-1	NPT SSVD 20/19-V1-A	19	Yes	11
649-29641-1	NPT SSVD 20/19-V1-K-A		No	
649-29634-1	NPT SSVD 22/21-V1-A	21	Yes	
649-29642-1	NPT SSVD 22/21-V1-K-A		No	