

Rotary Piston Dispensing Pump

SV-SL Series



Dispense Volume 0.03 - 70ml
Viscosity Low to High (>20,000 cps) With or Without Particles
Applications As well as the Pharmaceutical industry, these pumps can also be used by the Cosmetic, Technical, and Battery industries.



Details



SMALL VOLUME – SEALLESS

SL Pump Models		Maximum Dispensing	Piston Stroke		Piston Diameter		Cycle Speed	Air Consumption	Weight	
	Pneumatic	Electric	Volume (cc)	mm	inch	mm	inch	(cpm) ^A	scfm (l/min)	lbs (kg) ^E
SV0.3SL	P	E	0.34	19.1	0.75	4.8	0.19	0-120	1.5 (43) ^B	12.5 (5.7)
SV2SL			1.85			11.1	0.44			
SV4SL			3.77			15.9	0.63			
SV7SL			7.24	25.4	1	19.1	0.75	0-120	0.8 (21.5) ^B	18 (8.2)
SV20SL			20.11			31.8	1.25			
SV40SL			40.2	50.8	2	31.8	1.25	0-80	0.7 (19.5) ^C	24 (10.9)
SV70SL			70.0			70.0	2.36	0-30	0.6 (17) ^C	26 (11.8)

^A Depending on the application, the maximum cycle rate will vary ^B Calculated at full stroke at 100 cpm, 75 psi ^C Calculated at full stroke at 40 cpm, 75 psi

^E Pneumatic Drive Only

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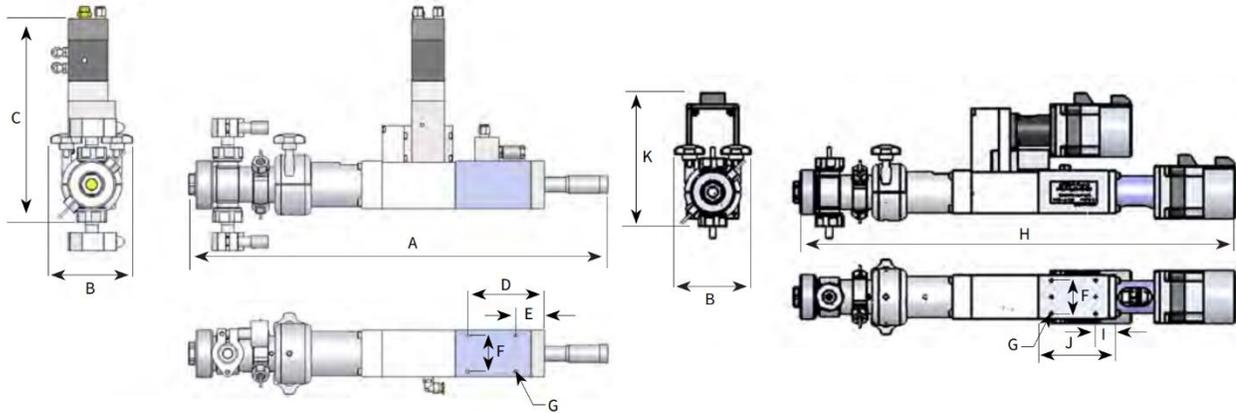


Inlet-Outlet Fittings		
Type	Size	
	Inlet	Outlet
Sanitary	1/2" - 3/4"	1/2" - 3/4"
Swage	1/8" - 1/2"	1/8" - 1/2"
Tube	1/8" - 3/8"	1/8" - 3/8"
Hose	1/4" - 3/8"	1/4" - 3/8"
Metric	3-5 mm	3-5 mm

Specials available upon request

Pneumatic Drive

Servo Drive



SL Pump Models			Maximum Dispensing Volume (cc)	External Dimensions (Inches[Metric])							
	Pneumatic	Electric		A	B	C	D	E	F	G	H/I/J
SV0.3SL	P	E	0.34	17.4 [442]	3.4 [86.4]	8.5 [216]	3.2[81.3]	1.2[30.5]	1.5[38.1]	8-32 UNC	Servo Drive Specific Contact your Hife Rep.
SV2SL			1.85								
SV4SL			3.77								
SV7SL			7.24								
SV20SL			20.11								
SV40SL			40.2								
SV70SL			70.00								



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