



5H Series

5H SERIES

Check Valve Dispensing Pump

Dispense Volume 100-2000ml
Viscosity Low to Medium (<20,000 cps)
Applications
The product can be used in a wide range of industries, including consumer products, cosmetics, chemical, technical, and pharmaceutical products.



Details

Electric or Pneumatic Start Signal

Fine Adjustment Speed Control

Internal Full Stroke Sensor

Precision Volumetric Adjustment

Precision Servo Drive and Motor Available

Precision Pneumatic Drive

Programmable Servo Speed Profiling

High Accuracy +/- 0.5% or Better

Configurable Inlet & Outlet Fittings

316L Stainless Steel Construction
Other Materials of Construction Available



Model		Plunger Diameter		Stroke Inch (mm)	Maximum Dispensing Volume (cc)	Cycle Speed (cpm) ^C	Air Consumption scfm (l/min)	Weight lbs (kg) ^D
Pneumatic	Servo	Inch	mm					
5H3-C-100	5S3-C-100	1-5/8	41.28	3.00 (76.20)	102	0-30 ^C	13.09 (370) ^A	60 (27.21)
5H3-C-250	5S3-C-250	2-3/4	69.85		292			
5H3-C-500	5S3-C-500	3-3/4	95.25		543			
5H3-C-1000	5S3-C-1000	5-1/8	130.18		1014			
5H6-C-1500	5S6-C-1500	4-1/2	114.3	6.00 (152.4)	1563	0-12 ^C	10.47 (296) ^B	64 (29.03)
5H6-C-2000	5S6-C-2000	5-1/8	130.18		2028			

^A Calculated at full stroke at 30 cpm, 75 psi ^B Calculated at full stroke at 12 cpm, 75 psi ^C Maximum cycle rate is application dependant ^D Pneumatic Drive Only



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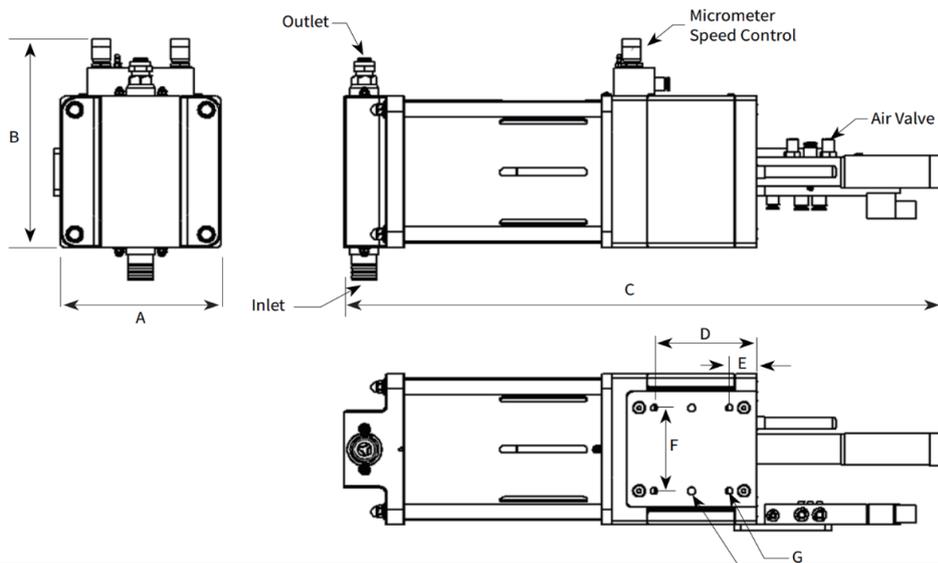
Fittings		
Type	Size	
	Inlet	Outlet
Sanitary	3/4 - 1	3/4 - 1
Swage	1/4 - 3/4	3/4
Tube	1/4 - 3/4	3/4
Hose	1/4 - 1 16-28mm	1/4 - 1 16-28mm

O-rings & U-cups	
O-rings	U-cup Seals
Viton	Teflon
EP	UHMW
Silicon	
Buna	
Perfluor (Kalrez®)	

Units: Inches unless specified

Contact Your HIFE Representative for Servo Drive Dimensions

Pneumatic Drive



Model		External Dimensions Inch (mm)							
Pneumatic	Servo	A	B	C	D	E	F	G	H
5H3-C-100	5S3-C-100	6.38 (162.05)	8.81 (223.77)	23.77 (603.76)	3.00 (76.20)	1.50 (38.10)	3.50 (88.90)	M8Z1.25	Ø 0.316 +0.002
5H3-C-250	5S3-C-250								
5H3-C-500	5S3-C-500								
5H3-C-1000	5S3-C-1000			29.07 (738.4)					
5H6-C-1500	5S6-C-1500								
5H6-C-2000	5S6-C-2000								

CELEBRATING

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