



5H Series

Rotary Valve Dispensing Pump

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



5H SERIES

Details

Electric or Pneumatic Start Signal

Fine Adjustment Speed Control

High speed Rotary Actuator

Precision Pneumatic Drive

Precision Volumetric Adjustment

Precision Servo Drive and Motor Available

Programmable Servo Speed Profiling

Configurable Inlet & Outlet Fittings

Internal Full Stroke Sensor

Precision Pneumatic Drive

316L Stainless Steel Construction
Other Materials of Construction available

High Accuracy
+/- 0.5% or Better

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-R-100	5S3-R-100	1-5/8	41.28	3.00 (76.20)	102	0-30 ^C	13.53 (383) ^A	66 (30)
5H3-R-250	5S3-R-250	2-3/4	69.85		292			
5H3-R-500	5S3-R-500	3-3/4	95.25		543			
5H3-R-1000	5S3-R-1000	5-1/8	130.18		1014			
5H6-R-1500	5S6-R-1500	4-1/2	114.3	6.00 (152.40)	1563	0-12 ^C	10.64 (301) ^B	72 (33)
5H6-R-2000	5H3-R-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 dependent ^D Pneumatic Drive



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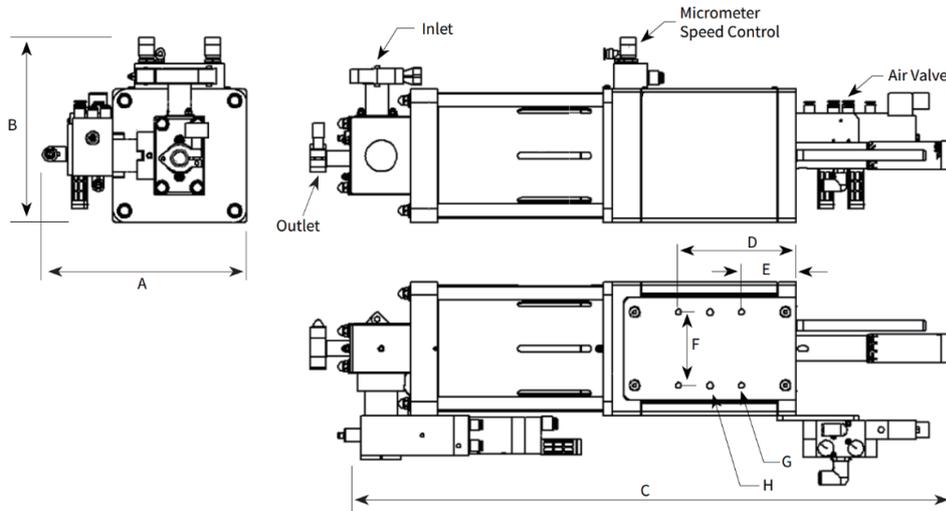
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Fittings		
Type	Size	
	Inlet	Outlet
Sanitary	3/4 - 1-1/2	3/4-1-1/2
Swage	3/4	3/4
Tube	3/4	3/4
Hose	1	1
	33mm	33mm

Units: Inches unless specified

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

Pneumatic Drive



Model		External Dimensions Inch (mm)							
Pneumatic	Servo	A	B	C	D	E	F	G	H
5H3-R-100	5S3-R-100	9.29 (236.0)	8.79 (223.3)	25.55 (648.9)	4.09 (103.9)	1.09 (29.7)	3.50 (88.90)	M8x1.25	Ø 0.316 +0.002
5H3-R-250	5S3-R-250								
5H3-R-500	5S3-R-500								
5H3-R-1000	5S3-R-1000			29.07 (738.4)	5.59 (142.0)	2.59 (65.8)			
5H6-R-1500	5S6-R-1500								
5H6-R-2000	5S6-R-2000								

Contact Your HIFE Representative for Servo Drive Dimensions

CELEBRATING

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1300 255 786 | sales@allpumps.com.au