



Rotary Valve Dispensing Pump

Dispense Volume 0-250ml
Viscosity Low to Medium (>20,000 cps) No Particles
Applications For the Cosmetics, Technical and Chemical Industries but also, can be used in the Food and Pharmaceutical Industries.



Details

Electric or Pneumatic Start Signal

Fine Adjustment Speed Control

Internal Full Stroke Sensor

High Accuracy +/- 0.5% or Better

Precision Volumetric Adjustment

Precision Pneumatic Drive

Configurable Inlet & Outlet Fittings

Precision Servo Drive and Motor

Programmable Servo Speed Profiling

Rotary Valve

316L Stainless Steel Construction
Other materials of construction available

Model		Plunger Diameter		Stroke	Maximum Dispensing Volume (cc)	Cycle Speed (cpm)	Air Consumption scfm (l/min)	Weight lbs (kg) ^C
Pneumatic	Servo	Inch	mm	inch (mm)				
4H1-R-10	4S1-R-10	7/8	22.23	1.00 (25.4)	9.9	0-140 ^A	5.09 (144.1) ^B	16.75 (7.6)
4H1-R-30	4S1-R-30	1-5/8	41.28		34			
4H1-R-60	4S1-R-60	2-1/8	53.98		58			
4H2-R-20	4S2-R-20	7/8	22.23	2.00 (50.8)	20	0-110 ^A	8.72 (246.9) ^B	17.5 (7.9)
4H2-R-65	4S2-R-65	1-5/8	41.28		68			
4H2-R-110	4S2-R-110	2-1/8	53.98		116			
4H3-R-30	4S3-R-30	7/8	22.23	3.00 (76.2)	30	0-90 ^A	12.32 (350) ^B	19.0 (8.6)
4H3-R-100	4S3-R-100	1-5/8	41.28		102			
4H3-R-170	4S3-R-170	2-1/8	53.98		174			
4H4.5-R-150	4S4.5-R-150	1-5/8	41.28	4.50 (114)	153	0-60 ^A	17.81 (574) ^B	22.75 (10.3)
4H4.5-R-260	4S4.5-R-260	2-1/8	53.98		261			

^A Maximum cycle rate is application dependant ^B Calculated at full stroke at 100cpm, 75 PSI (5 Bar) ^C Pneumatic Drive Only



4H Series

Rotary Valve Dispensing Pump

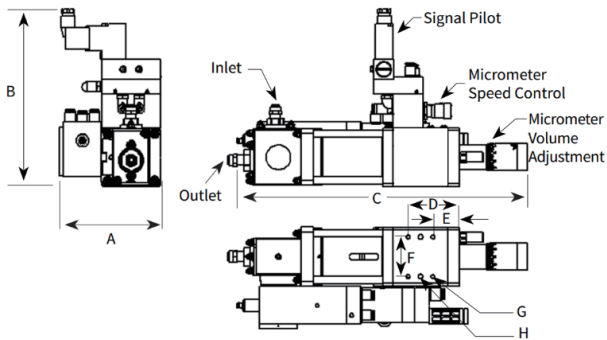
4H SERIES

Type	Fittings	
	Inlet	Outlet
Sanitary	1/2 - 1-1/2	1/2 - 3/4
Swage	1/2 - 5/8	1/4 - 3/4
Tube	3/8 - 3/4	1/4 - 1/2
Hose	28-33mm	33mm

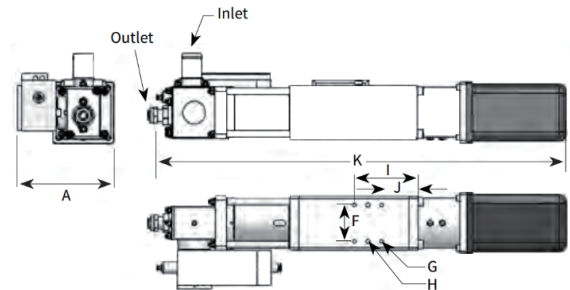
Units: Inches unless specified

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

Pneumatic Drive



Servo Drive



Model		External Dimensions Inch (mm)										
Pneumatic	Servo	A	B	C	D	E	F	G	H	I	J	K
4H1	4S1	5.12 (130)	8.92 (227)	12.76 (324.1)	2.60 (66)	1.35 (23)	2.00 (51)	M6x1.0 x 0.21 (7.9) Deep	Ø 0.237 (6.0) ± 0.002 (0.05) x 0.03 (7.6) Deep	Servo Motor Dependent Contact Your HIFE Rep.	Servo Motor Dependent Contact Your HIFE Rep.	Coupler Dependent Contact Your HIFE Rep.
4H1 EX	4S1 EX			13.76 (349.5)								
4H2	4S2			16.73 (424.9)								
4H2 EX	4S2 EX			18.73 (475.7)								
4H3	4S3			20.73 (526.5)								
4H3 EX	4S3 EX			23.73 (602.7)								
4H4.5	4S4.5			24.53								

CELEBRATING

50

YEARS OF EXPERIENCE

**EXPERIENCE INNOVATIVE
THINKERS AND PRODUCTS**



ALL ABOUT EXPERIENCE

allpumps.com.au

1300 255 786 | sales@allpumps.com.au