



HIBAR
SYSTEMS LIMITED

The Liquid Dispensing Specialists

5H SERIES PRECISION ROTARY VALVE DISPENSING PUMPS



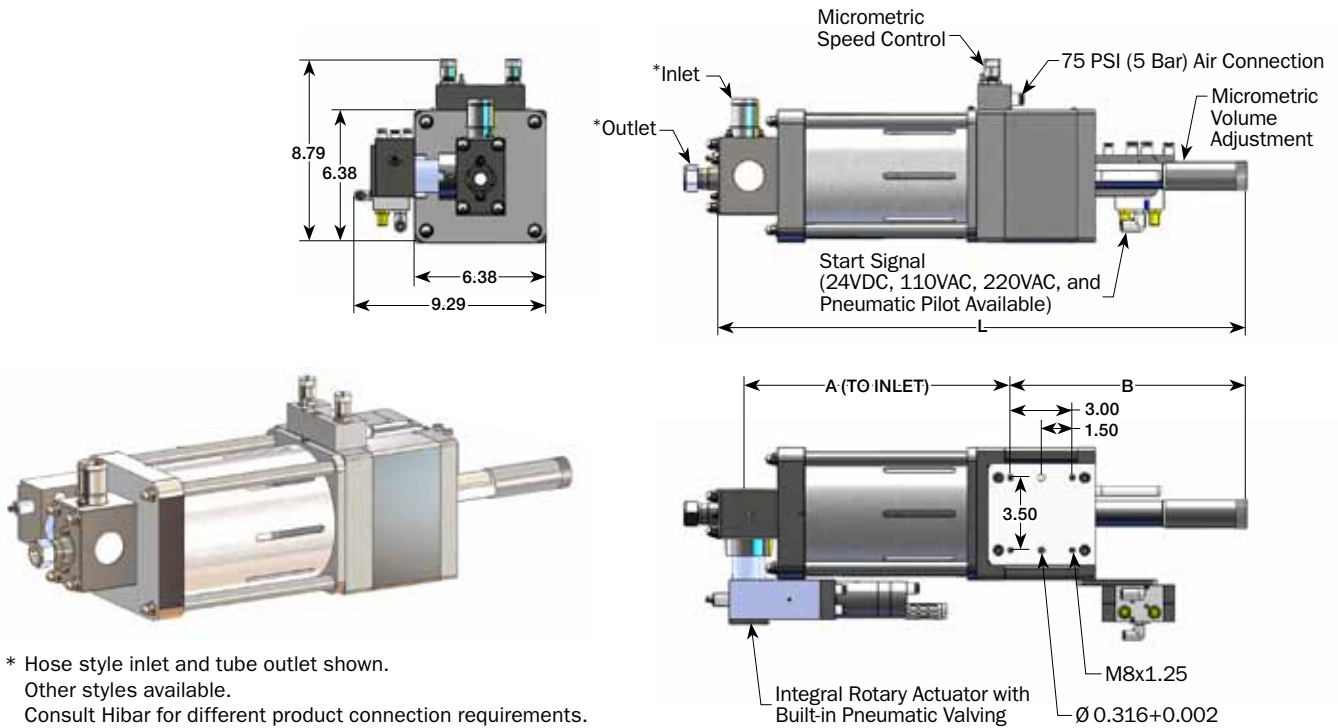
Maximum 2.0 L
Dispense Volume

The **HIBAR 5H SERIES ROTARY VALVE STYLE DISPENSING PUMPS** are ideally suited for higher viscosity applications in technical, food, cosmetic and pharmaceutical industries. Liquids with viscosity up to 100,000 cps and including particulates are easily handled with our durable ceramic rotary valve design.

5H SERIES PRECISION ROTARY VALVE DISPENSING PUMPS FEATURES

- High quality Stainless Steel construction.
- Wear resistant ceramic rotary valve handles high viscosity fluids with particulates up to 100,000 cps. Higher viscosities achievable with pressurized infeed - Consult Hibar.
- Easy to disassemble, clean and maintain.
- Compact footprint for easy mounting.
- Dispensing accuracies of up to $\pm 1/2\%$ or better.
- Precise dispense volume and speed control via adjustment of the built-in micrometers.
- Easy integration with virtually any automated filling equipment.
- Low maintenance and long service life.
- Wide range of fill nozzles and accessories are available to suit specific applications.

PRECISION RV DISPENSING PUMPS SPECIFICATIONS AND APPLICATIONS



* Hose style inlet and tube outlet shown.
Other styles available.
Consult Hibar for different product connection requirements.

Model	Plunger Diameter		Stroke	Maximum Dispensing Volume (cc)	Cycle Speed (cpm)	Air Consumption scfm (l/min)	External Dimensions inch (mm)			Weight lbs (kg)
	inch	(mm)					A	B	L	
5H3-R-100	1-5/8	(41.28)	3.00 (76.2)	102	0-30 ^C	11.5 (325) ^A	12.85 (326.4)	11.42 (290.1)	25.55 (648.9)	70 (31.7)
5H3-R-250	2-3/4	(69.85)		292						
5H3-R-500	3-3/4	(95.25)		543						
5H3-R-1000	5-1/8	(130.18)		1014						
5H6-R-2000	5-1/8	(130.18)	6.00 (152.4)	2028	0-12 ^C	9.5 (269) ^B	14.35 (364.5)	12.95 (328.9)	28.57 (725.7)	73 (33.1)

^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

APPLICATIONS

Cosmetics		Food		Pharmaceutical	General	
• Mascara	• Shampoos	• Salad Dressing	• Juices	• Medicine	• Toothpaste	• Abrasive Kitchen/ Bathroom Cleaner
• Exfoliant	• Antiperspirant	• Popcorn Oil	• Honey	• Cough Syrup	• Caulking	• Paints/Inks
• Lipstick	• Lip Gloss	• Ketchup/Mustard	• Butter	• Antibiotic	• Glues/Adhesives	• Tooth Whitener
• Creams	• Nail Lacquer	• Marmalade	• Margarine	• Blood Serum	• Grease/Oils	• Fluxes
• Lotions	• Foundation	• Sauces	• Relish	• Biological	• Zinc Gel	