

# Rotary Valve Dispensing Pump

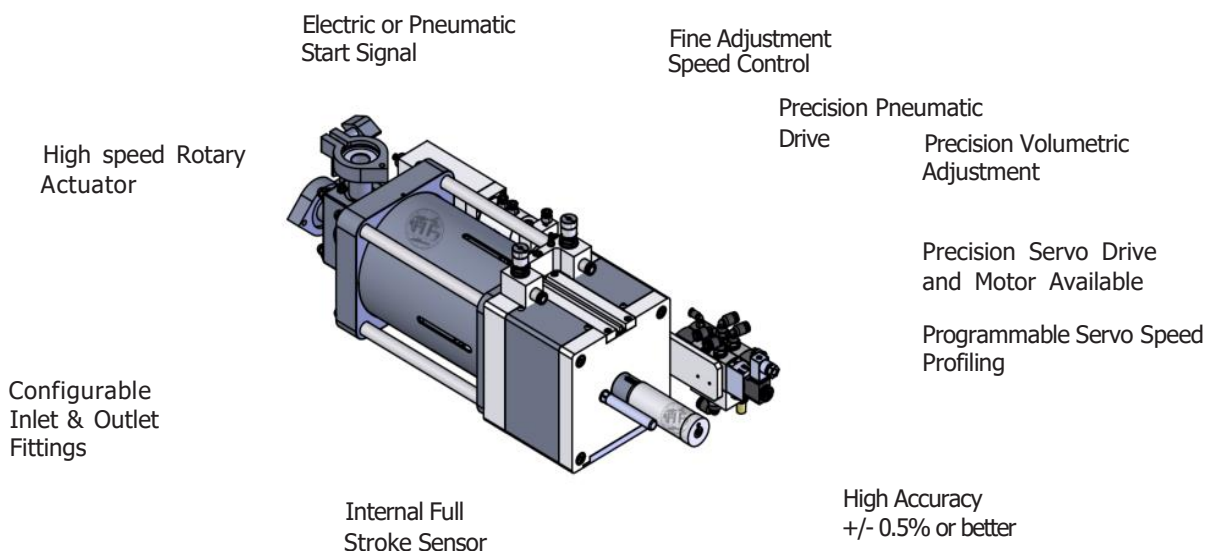
## LV-R Series



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



### Details



Available in Pneumatic and Electric Models

316L Stainless Steel Construction  
Other Materials of Construction available

LARGE VOLUME DISPENSING

LV - Large Volume RV Pump Models			Maximum Dispensing	Piston Stroke		Piston Diameter		Cycle Speed	Air Consumption	Weight
	Pneumatic	Electric	Volume (cc)	mm	inch	mm	inch	(cpm) <sup>A</sup>	scfm (l/min) <sup>B</sup>	lbs (kg) <sup>C</sup>
LV100R	P	E	100	76.2	3	41.3	1.63	0-30	13 (370)	60 (27)
LV290R			290			70.0	2.75			
LV500R			500			95.3	3.75			
LV1000R			1000			130.0	5.13			
LV1500R			1500	152.4	6	114.3	4.5	0-12	10.5 (296)	64 (29)
LV2000R			2000			130.0	5.1			

<sup>A</sup>Depending on the application and dispensing volume, the maximum cycle rate will vary

<sup>B</sup>Calculated at full stroke at 30cpm up to LV1000, 12cpm for others, 75 PSI (5 Bar) <sup>C</sup> Pneumatic Drive Only

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## LV-R Series

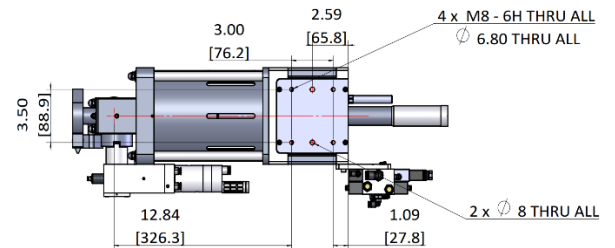
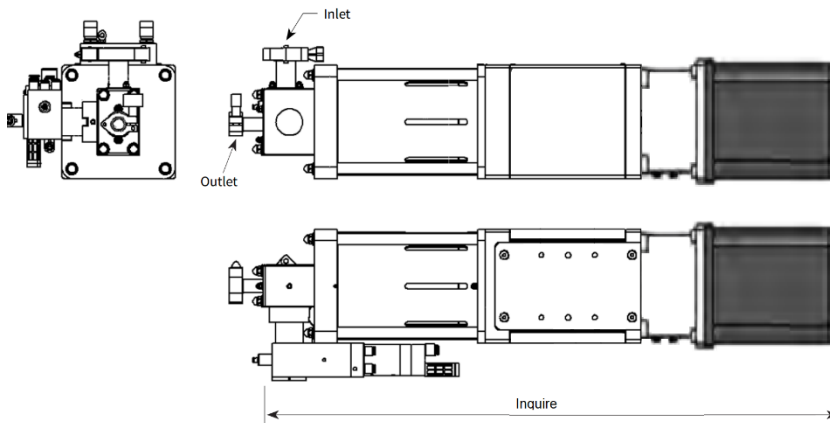
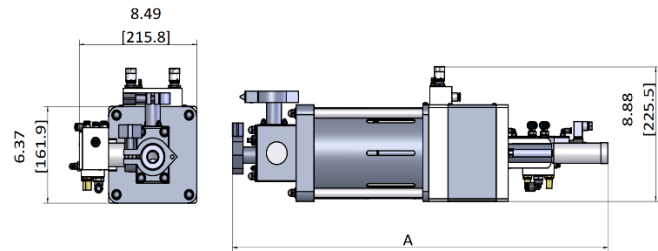


LARGE VOLUME DISPENSING

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

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

### Pneumatic Drive



### Servo Drive

LV - Large Volume RV Pump Models			Maximum Dispensing	External Dimensions Inches (mm)	
	Pneumatic	Electric	Volume (cc)	A	Electric
LV100R	P	E	100	25.5 (649)	Servo Drive Specific Contact your Hife Rep.
LV290R			290		
LV500R			500		
LV1000R			1000		
LV1500R			1500	30.5 (775)	
LV2000R			2000		



**HIFE SYSTEMS LTD.**

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