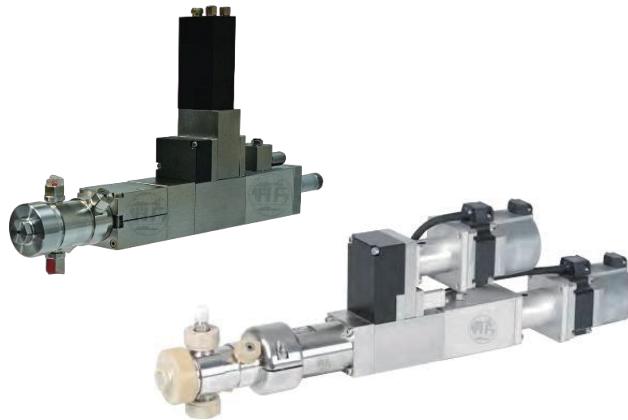


# Rotary Piston Dispensing Pump

# RP Series Seal-Less Ceramic

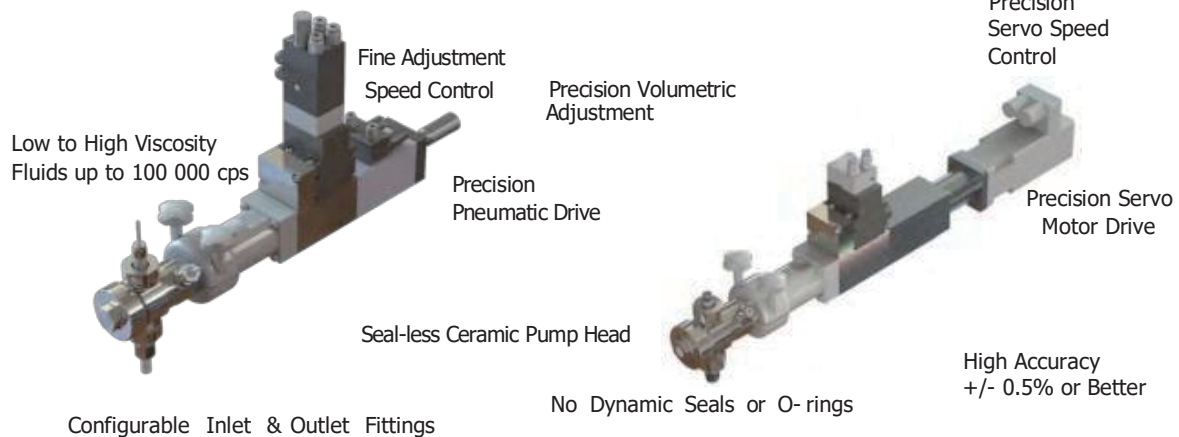


<b>Dispense Volume</b> 0.03 - 40ml
<b>Viscosity</b> Low to High (>20,000 cps) With or Without Particles
<b>Applications</b> As well as the Pharmaceutical industry, the RP Series can also be used by the Cosmetic, Technical, and Battery industries.



## Details

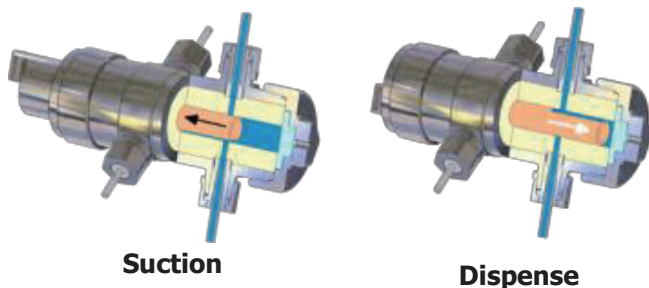
Easy Dismantle - No Tools Required



Model		Plunger Diameter		Stroke Inch (mm)	Maximum Dispensing Volume (cc)	Cycle Speed (cpm) <sup>A</sup>	Air Consumption scfm (l/min) <sup>B</sup>	Weight lbs (kg) <sup>E</sup>
Pneumatic	Servo	Inch	mm					
2BRP-3	2SRP-3	3/16	4.8	3/4 (19.1)	0.339	0-120	1.52 (43) <sup>B</sup>	12.35 (5.6)
2BRP-7	2SRP-7	7/16	11.1		1.847			
2BRP-10	2SRP-10	5/8	15.9		3.770			
2BRP-12	2SRP-12	3/4	19.1	1.0 (25.4)	7.240	0-100	0.75 (21.2) <sup>C</sup>	17.6 (8)
2BRP-20	2SRP-20	1-1/4	31.8		20.110			
2BRP-40	2SRP-40	1-1/4	31.8	2.0 (50.8)	40.200	0-80	0.68 (19.2) <sup>D</sup>	24.0 (11)

<sup>A</sup> Cycle Rate is Application Dependent (75 psi) <sup>B</sup> Calculated at full stroke at 100 cpm, 75 psi <sup>C</sup> Calculated at full stroke at 40 cpm, 75 psi <sup>D</sup> Calculated at full stroke at 20 cpm, 75 psi <sup>E</sup> Pneumatic Drive Only

RP SERIES



Suction

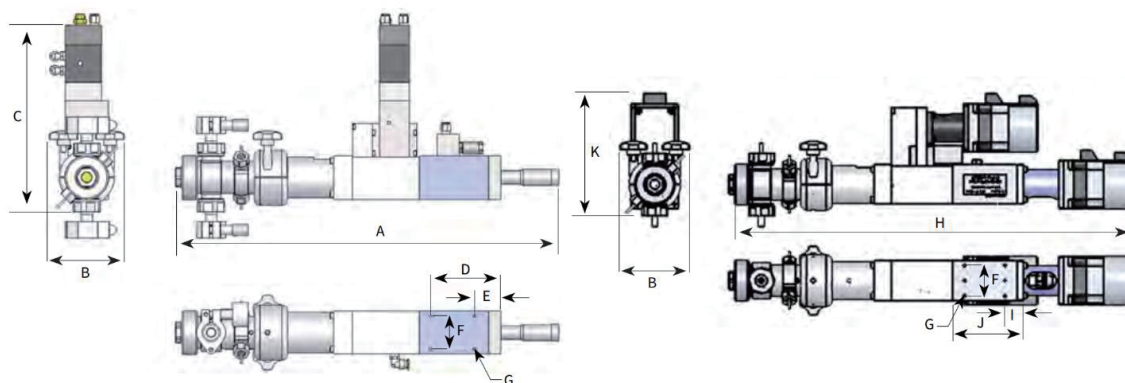
Dispense

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

Units: Inches unless specified

## Pneumatic Drive

## Servo Drive



Model		External Dimensions inch (mm)										
Pneumatic	Servo	A	B	C	D	E	F	G	H	I	J	K
2BRP-3	2SRP-3	17.41 (442.2)	3.34 (84.8)	8.44 (214.4)	3.20 (81.3)	1.20 (30.5)	1.5 (38.1)	8-32 (UNC)	Servo Drive Specific Contact HIFE	Coupler Specific Contact HIFE	Coupler Specific Contact HIFE	6.48 (164.6)
2BRP-7	2SRP-7											
2BRP-10	2SRP-10											
2BRP-12	2SRP-12											
2BRP-20	2SRP-20											
2BRP-40	2SRP-40											



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