



Low Volume Stroke
Adjustment Option

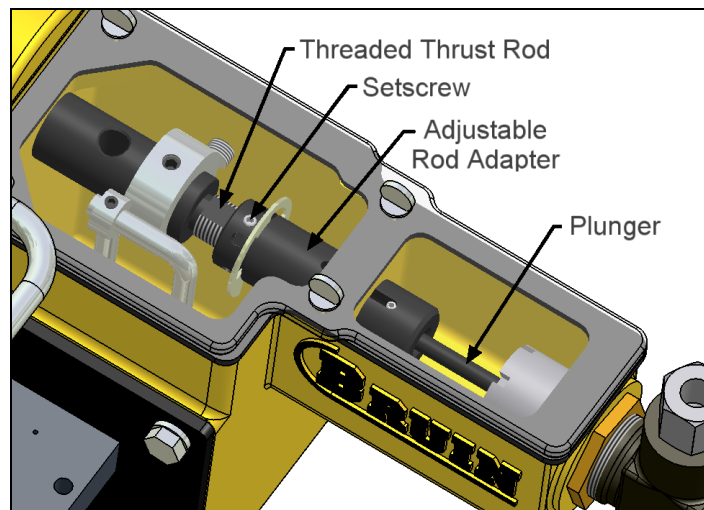
BR5120

Pneumatically Operated Chemical Injection Pump

The BR5120 series pump is designed to pump low volumes of fluid into systems by utilizing a modified thrust rod, rod adapter and plunger. The threaded thrust rod and rod adapter allow for a variable stroke length anywhere between 0 and 1 inch.

Highlights

- Allows the ability to pump volumes under 1.72 litres per day.
- Allows variable plunger stroke length adjustment from 0" to 1" of travel.
- Stroke adjustment is accomplished by threading the adjustable rod adaptor onto or off the threaded thrust rod.
 - Unthreading the adjustable rod adaptor reduces the effective stroke length, reducing volume of fluid injected per stroke.
 - Threading the adjustable rod adaptor on increases the effective stroke length, increasing the volume of fluid injected per stroke.
- Equipped with a setscrew to lock the rod adaptor in position once stroke length is set.



The BR5120 Low Volume series requires a different plunger than a regular BR5100 and therefore requires a different fluid head assembly for replacements.

| | Material | Plunger Size | | | | Packing Material | Seal Material |
|----------------------|--------------------|--------------|----------|----------|----------|--|---|
| | | 3/16" | 1/4" | 3/8" | 1/2" | | |
| Plunger | Stainless Steel | BA-6268A | BA-6269A | BA-6270A | BA-6271A | n/a | n/a |
| BR5120 Head Assembly | Ductile w/ SS Trim | n/a | BC2137A | BC2138A | BC2139A | 1 – Buna N 2 – Buna Hard 3 – Viton 4 – Teflon 5 – Fluorosilicone 6 – Buna / Teflon 7 – Viton / Teflon A – Brueze B – Brueze FFKM | 1 – Buna N 2 – Metal to Metal 3 – Viton 4 – Teflon 5 – Fluorosilicone 6 – Brueze |
| | Stainless Steel | BC2136 | BC2137 | BC2138 | BC2139 | | |

9001-20 Street NW, Edmonton, Alberta, Canada T6P 1K8
Email: info@bruinpumps.com

Phone: 780-430-1777

Fax: 780-449-5233

www.bruinpumps.com