BR6000

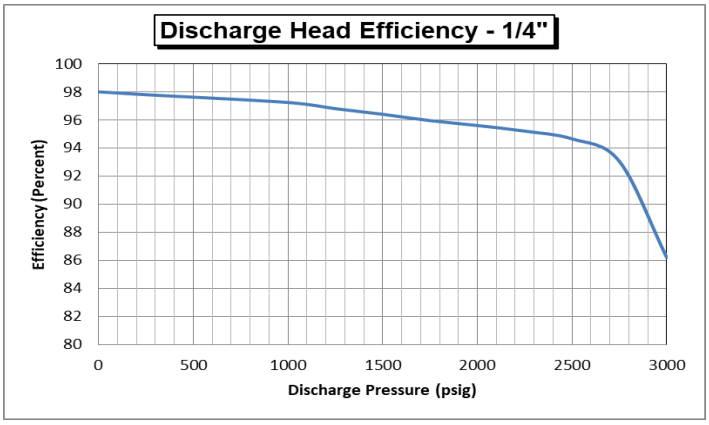
Pneumatically Driven Chemical Injection Pump

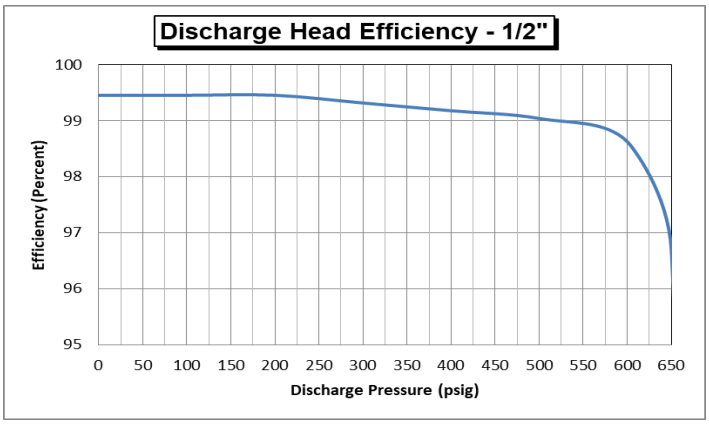
	PLUNGER SIZE	
	1/4"	**1/2"**
Standard Model		
Model Number	**BR6011**	**BR6015**
Maximum Discharge Pressure (psig)	3000	650
Max. Recommended Speed (Strokes/Min) @ Maximum Discharge Pressure	45	45
Maximum Volume		
Daily @ 0 psig Discharge Pressure		
Maximum Volume (litres/day)	51.0	204.2
Maximum Volume (imp gal/day)	11.1	44.8
Maximum Volume (US gal/day)	13.4	53.9

* *Volumes shown are at 0 psig Discharge Pressure.*

Altering either the stroke rate or stroke length will have the same proportional effect on volume output.

EXAMPLE: Reducing the stroke length by 25% will reduce volume output by 25% or reducing the stroke rate by 25% will also reduce the volume output by 25%.



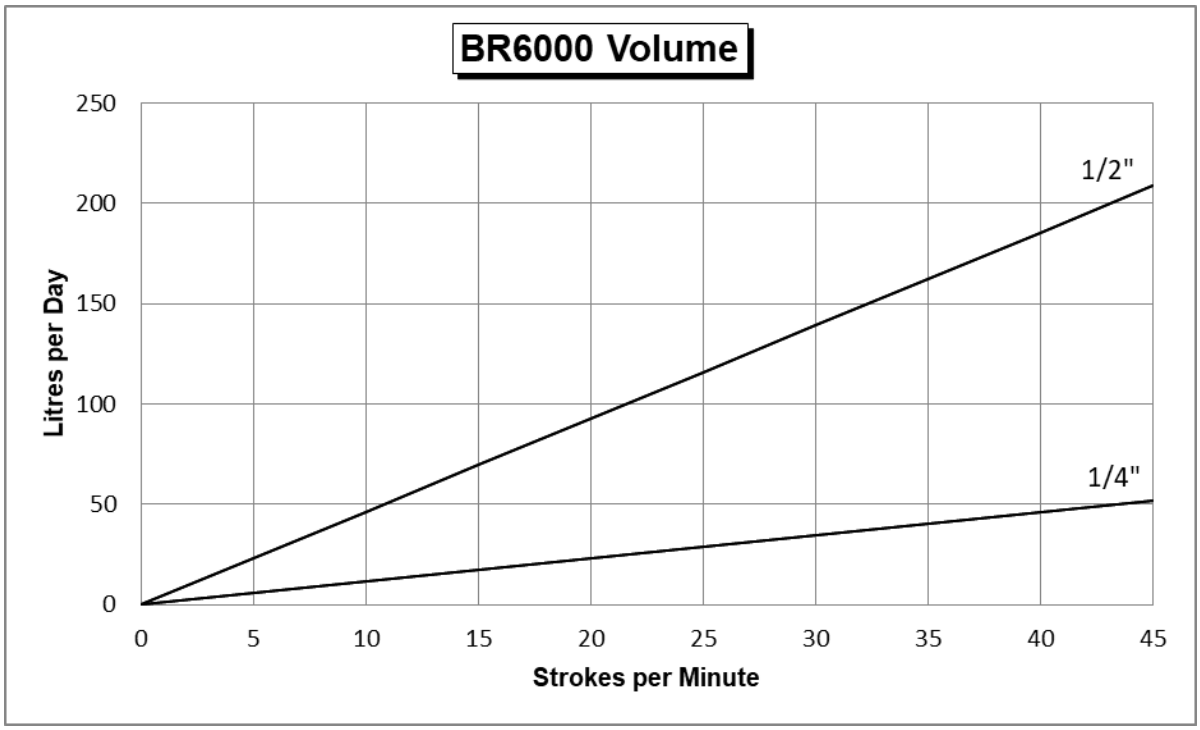


These Settings Produce the Same Flow Rate	
Stroke Rate	**Stroke Length**
10	1” (100%)
20	½” (50%)
40	¼” (25%)

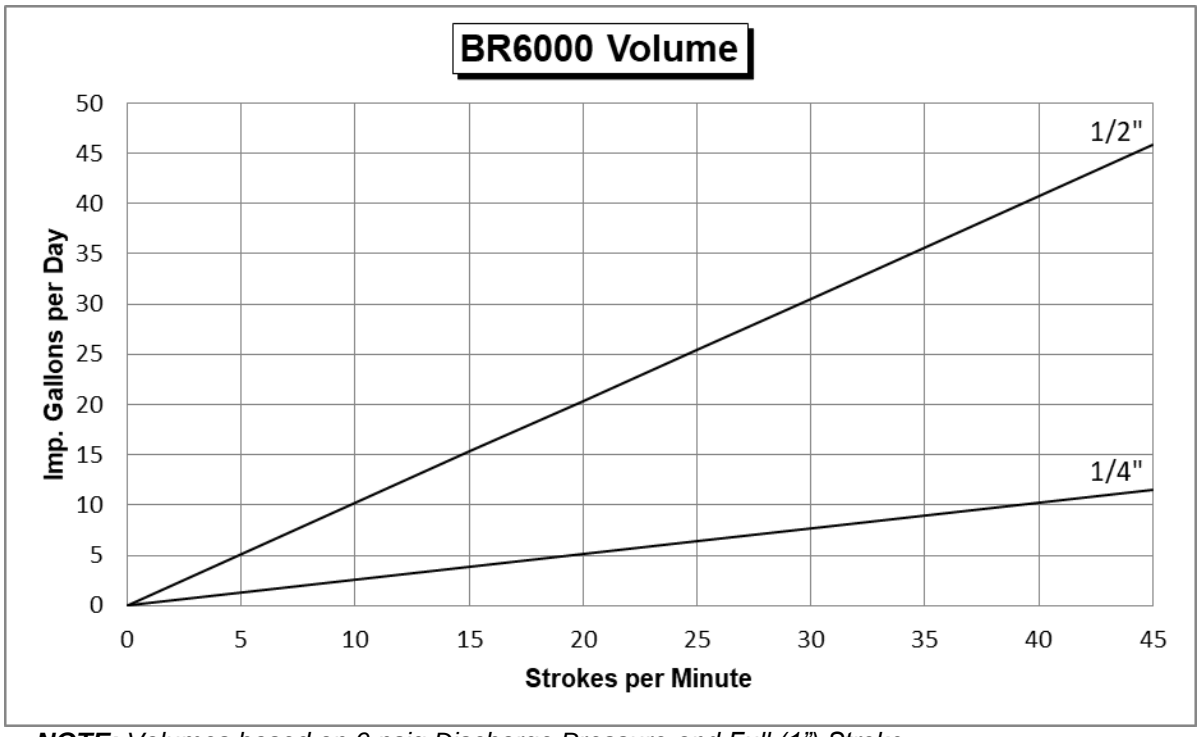
NOTE: With an increase in discharge pressure, the volumetric pumping efficiency of the pump decreases as shown in the graph.

EXAMPLE: A 1/4” plunger will provide approximately 11.1 imperial gallons per day (~98% efficiency) maximum at 0 psig discharge pressure running at 45 spm. If the discharge pressure increases to 2500 psig, the pump runs at approximately 94.5% efficiency, so the maximum volume is reduced to 10.9 imperial gallons per day running at 45 spm.

NOTE: Discharge pump efficiency is theoretically determined based on testing and may vary between applications and assemblies.



NOTE: *Volumes based on 0 psig Discharge Pressure and Full (1") Stroke.*



NOTE: *Volumes based on 0 psig Discharge Pressure and Full (1") Stroke.*

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