



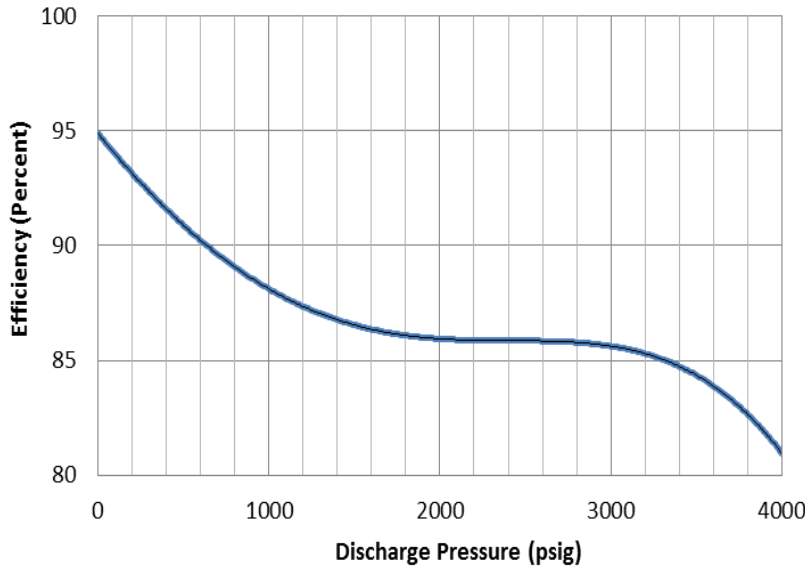
BR2400

Electric Driven Chemical Injection Pump

	PLUNGER SIZE			
	1/2"	3/4"	1"	1 1/4"
Stroke Speed – 60 SPM				
Model Number	BR24F5	BR24F6	BR24F7	BR24F8
Maximum Discharge Pressure ¹ (psig)	4000	1750	1000	500
Daily @ 0 psig Discharge Pressure				
Simplex				
Maximum Volume (litres/day)	532	1200	2132	3332
Maximum Volume (imp gal/day)	116	264	468	732
Maximum Volume (US gal/day)	140	316	562	880
Duplex				
Maximum Volume (litres/day)	1064	2400	4264	6664
Maximum Volume (imp gal/day)	232	528	936	1464
Maximum Volume (US gal/day)	280	632	1124	1760
Daily @ 1000 psig Discharge Pressure				
Simplex				
Maximum Volume (litres/day)	494	1111	1976	n/a
Maximum Volume (imp gal/day)	108	244	434	n/a
Maximum Volume (US gal/day)	130	293	522	n/a
Duplex				
Maximum Volume (litres/day)	988	2222	3952	n/a
Maximum Volume (imp gal/day)	216	488	868	n/a
Maximum Volume (US gal/day)	260	586	1044	n/a
Stroke Speed – 30 SPM				
Model Number	BR24G5	BR24G6	BR24G7	BR24G8
Maximum Discharge Pressure ¹ (psig)	4000	1750	1000	500
Daily @ 0 psig Discharge Pressure				
Simplex				
Maximum Volume (litres/day)	266	600	1066	1666
Maximum Volume (imp gal/day)	58	132	234	366
Maximum Volume (US gal/day)	70	158	281	440
Duplex				
Maximum Volume (litres/day)	532	1200	2132	3332
Maximum Volume (imp gal/day)	116	264	468	732
Maximum Volume (US gal/day)	140	316	562	880
Daily @ 1000 psig Discharge Pressure				
Simplex				
Maximum Volume (litres/day)	247	555	988	n/a
Maximum Volume (imp gal/day)	54	122	217	n/a
Maximum Volume (US gal/day)	65	146	261	n/a
Duplex				
Maximum Volume (litres/day)	494	1111	1976	n/a
Maximum Volume (imp gal/day)	108	244	434	n/a
Maximum Volume (US gal/day)	130	293	522	n/a

1. Maximum Discharge Pressure above 3000 psig requires Buna Hard Packing.

Discharge Head Efficiency

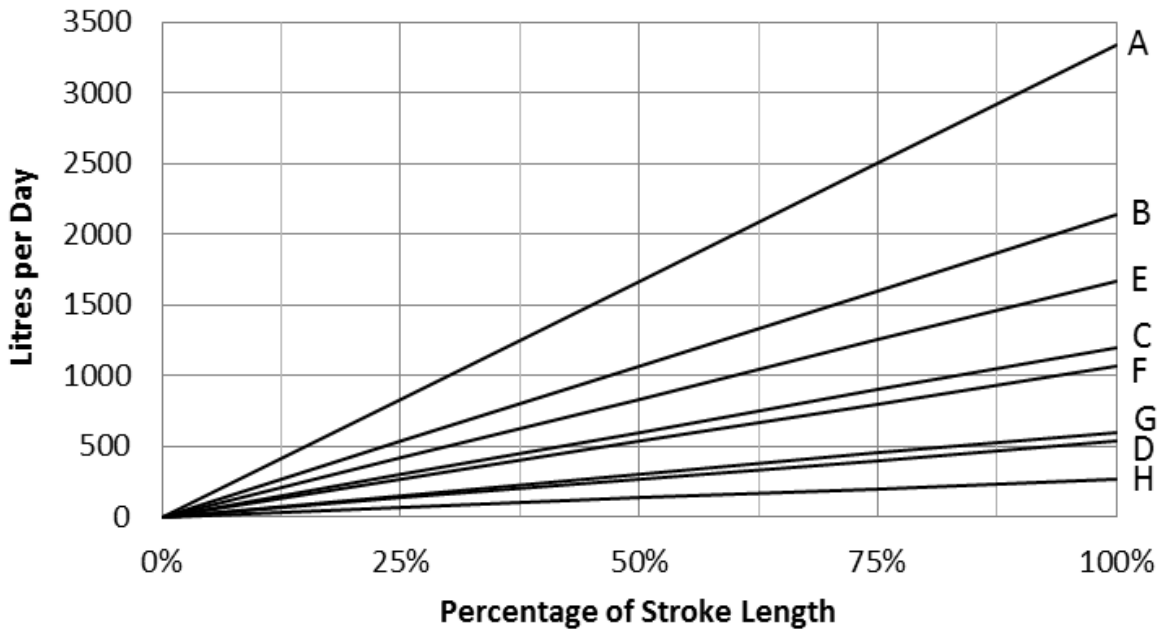


NOTE: With an increase in discharge pressure, the volumetric pumping efficiency of the pump head decreases as shown in the graph.

EXAMPLE: A 3/4" plunger will provide approximately 264 imperial gallons per day (95% efficiency) maximum at 0 psig discharge pressure with a 60 stroke per minute gearbox. If the discharge pressure increases to 1000 psig, the pump runs at approximately 88% efficiency, so the maximum volume is reduced to 244 imperial gallons per day.

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

BR2400 Volume



NOTE: Volumes based on 0 psig Discharge Pressure with a Full Stroke.

NOTE: Volumes are per pump head.

A - 1 1/4" Plunger, 60SPM
B - 1" Plunger, 60SPM
C - 3/4" Plunger, 60SPM
D - 1/2" Plunger, 60SPM

E - 1 1/4" Plunger, 30SPM
F - 1" Plunger, 30SPM
G - 3/4" Plunger, 30SPM
H - 1/2" Plunger, 30SPM