



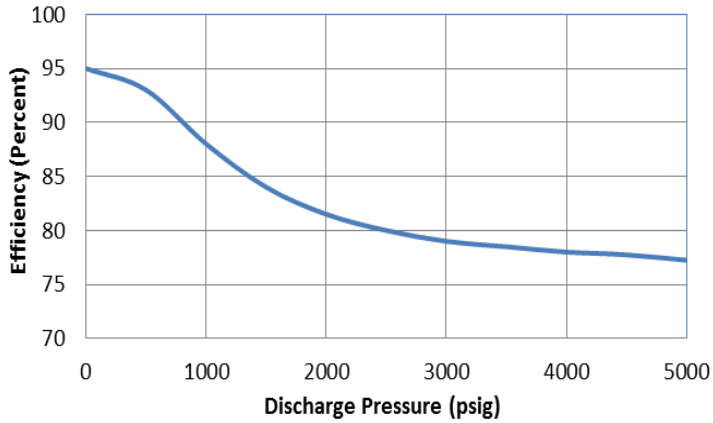
BR4300

Electric Driven Chemical Injection Pump

	PLUNGER SIZE					
	3/16"	1/4"	3/8"	1/2"	3/4"	1"
100:1 Ratio						
Model Number	BR4324	BR4321	BR4323	BR4325	BR4326	BR4327
Maximum Discharge Pressure ¹ (psig)	5000	2400	1200	600	300	150
Maximum Recommended Speed (Strokes/Minute)	17.5	17.5	17.5	17.5	17.5	17.5
Daily @ 0 psig Discharge Pressure						
Maximum Volume (litres/day)	10.8	19.2	43.3	77.0	173.3	308.1
Maximum Volume (imp gal/day)	2.3	4.2	9.5	16.9	38.1	67.7
Maximum Volume (US gal/day)	2.8	5.1	11.4	20.3	45.8	81.4
Daily @ 1000 psig Discharge Pressure						
Maximum Volume (litres/day)	10.0	17.8	40.1	n/a	n/a	n/a
Maximum Volume (imp gal/day)	2.2	3.9	8.8	n/a	n/a	n/a
Maximum Volume (US gal/day)	2.6	4.7	10.6	n/a	n/a	n/a
50:1 Ratio						
Model Number	BR4304	BR4301	BR4303	BR4305	BR4306	BR4307
Maximum Discharge Pressure ¹ (psig)	5000	2400	1200	600	300	150
Maximum Recommended Speed (Strokes/Minute)	35	35	35	35	35	35
Daily @ 0 psig Discharge Pressure						
Maximum Volume (litres/day)	21.6	38.5	86.6	154.0	346.6	616.2
Maximum Volume (imp gal/day)	4.7	8.4	19.0	33.9	76.2	135.5
Maximum Volume (US gal/day)	5.7	10.1	22.9	40.7	91.5	162.8
Daily @ 1000 psig Discharge Pressure						
Maximum Volume (litres/day)	20.0	35.6	80.2	n/a	n/a	n/a
Maximum Volume (imp gal/day)	4.4	7.8	17.6	n/a	n/a	n/a
Maximum Volume (US gal/day)	5.3	9.4	21.2	n/a	n/a	n/a
25:1 Ratio						
Model Number	BR4334	BR4331	BR4333	BR4335	BR4336	BR4337
Maximum Discharge Pressure ¹ (psig)	5000	2400	1200	600	300	150
Maximum Recommended Speed (Strokes/Minute)	70	70	70	70	70	70
Daily @ 0 psig Discharge Pressure						
Maximum Volume (litres/day)	43.3	77.0	173.3	308.1	693.2	1232.4
Maximum Volume (imp gal/day)	9.5	16.9	38.1	67.7	152.5	271.1
Maximum Volume (US gal/day)	11.4	20.3	45.8	81.4	183.1	325.5
Daily @ 1000 psig Discharge Pressure						
Maximum Volume (litres/day)	40.1	71.3	160.5	n/a	n/a	n/a
Maximum Volume (imp gal/day)	8.8	15.7	35.3	n/a	n/a	n/a
Maximum Volume (US gal/day)	10.6	18.8	42.4	n/a	n/a	n/a

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

Discharge Head Efficiency

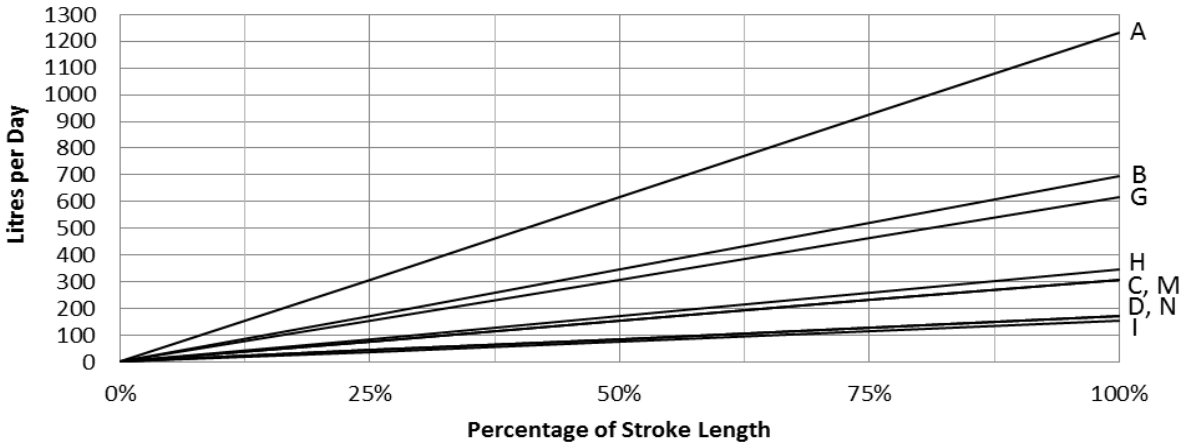


NOTE: With an increase in discharge pressure, the volumetric pumping efficiency of the pump head decreases as shown in the graph.

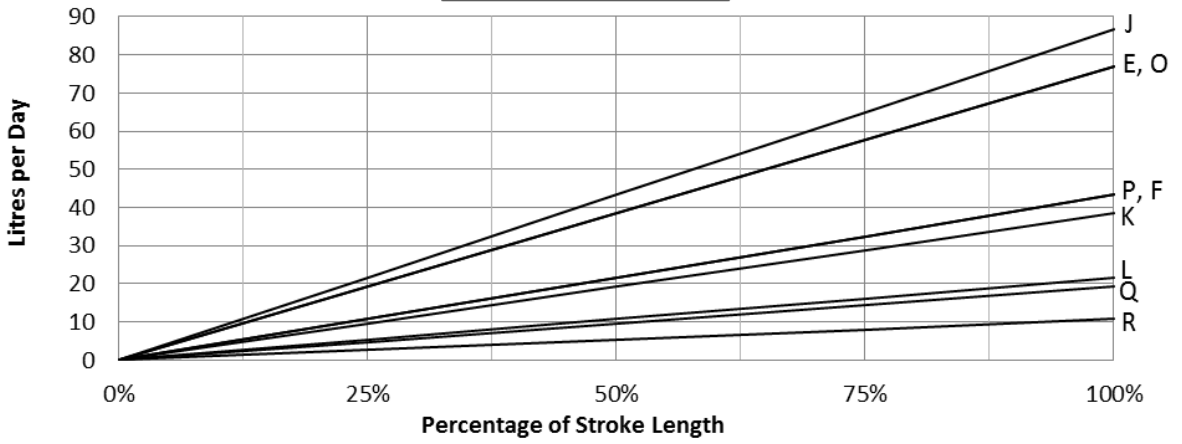
EXAMPLE: A 3/8" plunger will provide approximately 19.0 imperial gallons per day (95% efficiency) maximum at 0 psig discharge pressure with a 50:1 gear ratio gearbox. If the discharge pressure increases to 1000 psig, the pump runs at approximately 88% efficiency, so the maximum volume is reduced to 17.6 imperial gallons per day.

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

BR4300 Volume



BR4300 Volume



NOTE: Volumes based on 0 psig Discharge Pressure.
NOTE: Volumes are per pump head.

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|------------------------|-------------------------|-------------------------|--------------------------|
| A - 1" Plunger, 25:1 | F - 3/16" Plunger, 25:1 | K - 1/4" Plunger, 50:1 | P - 3/8" Plunger, 100:1 |
| B - 3/4" Plunger, 25:1 | G - 1" Plunger, 50:1 | L - 3/16" Plunger, 50:1 | Q - 1/4" Plunger, 100:1 |
| C - 1/2" Plunger, 25:1 | H - 3/4" Plunger, 50:1 | M - 1" Plunger, 100:1 | R - 3/16" Plunger, 100:1 |
| D - 3/8" Plunger, 25:1 | I - 1/2" Plunger, 50:1 | N - 3/4" Plunger, 100:1 | |
| E - 1/4" Plunger, 25:1 | J - 3/8" Plunger, 50:1 | O - 1/2" Plunger, 100:1 | |