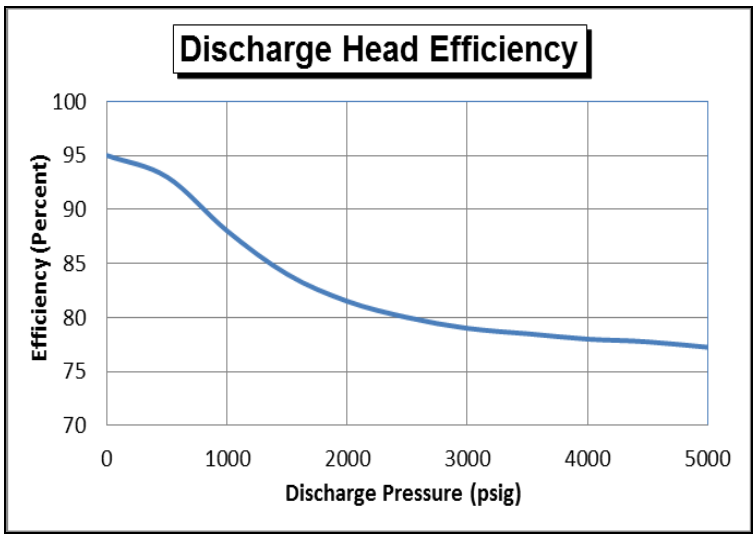
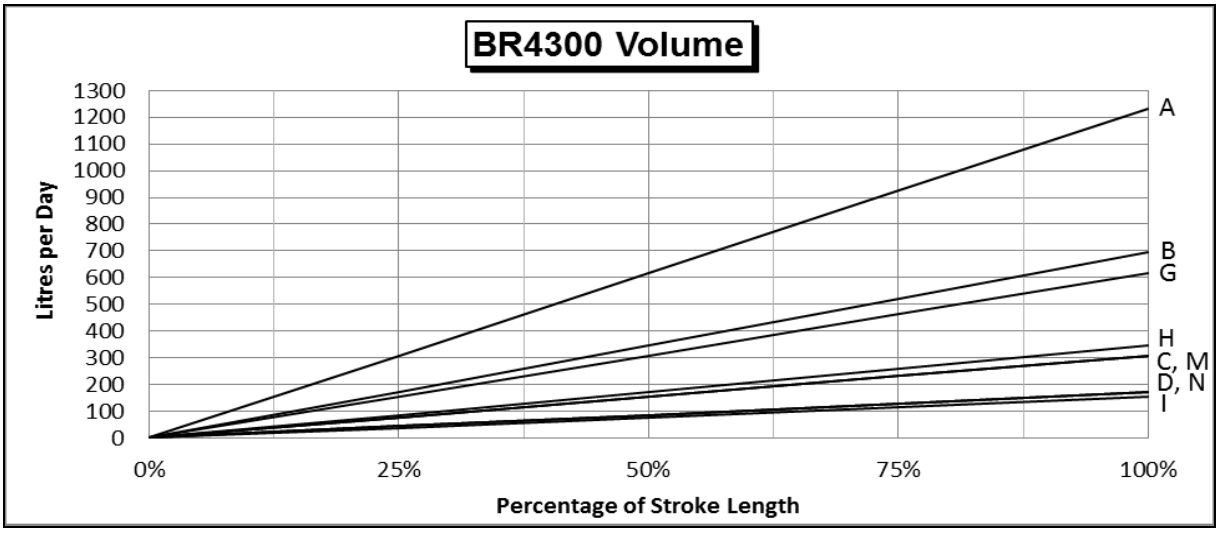
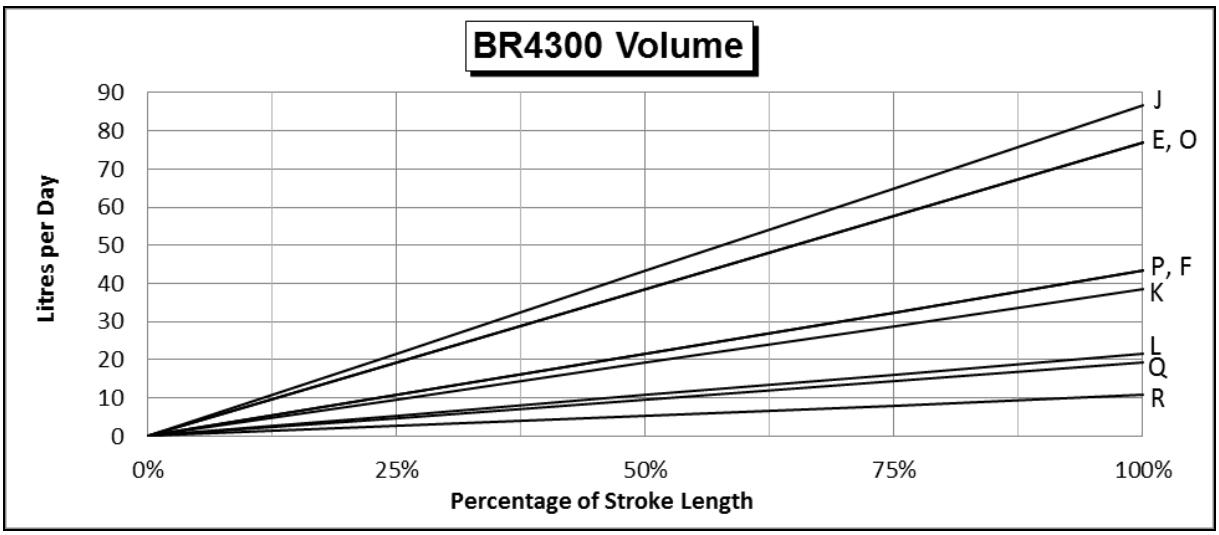


NOTE: *With an increase in discharge pressure, the volumetric pumping efficiency of the pump head decreases as shown in the graph.*

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.*





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

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

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