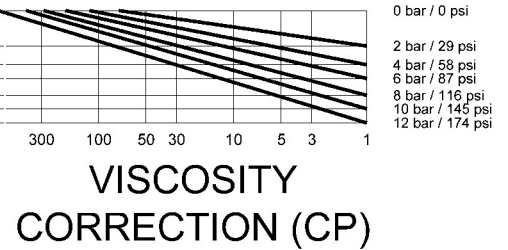
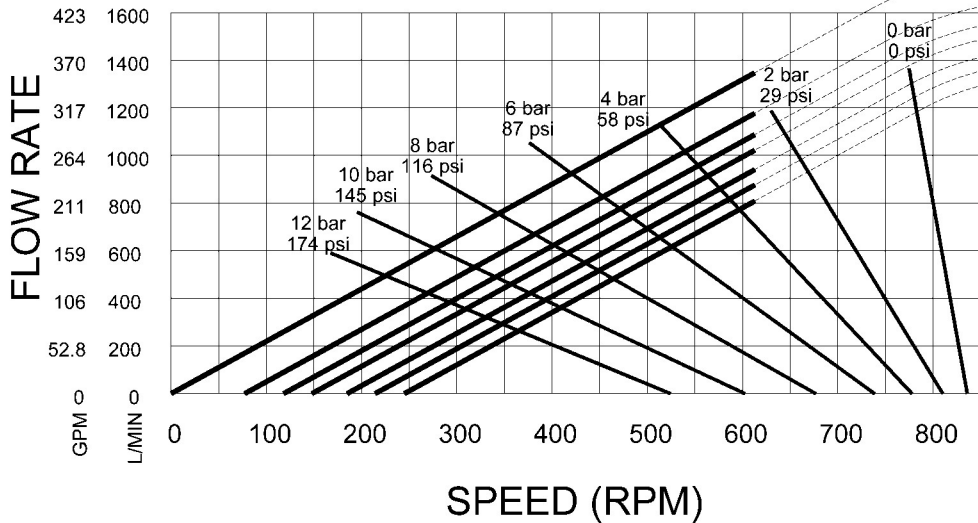


AL Series Positive Displacement Pumps

ABSORBED POWER ABSORBED POWER FIGURES ARE FOR 1 CP VISCOSITY

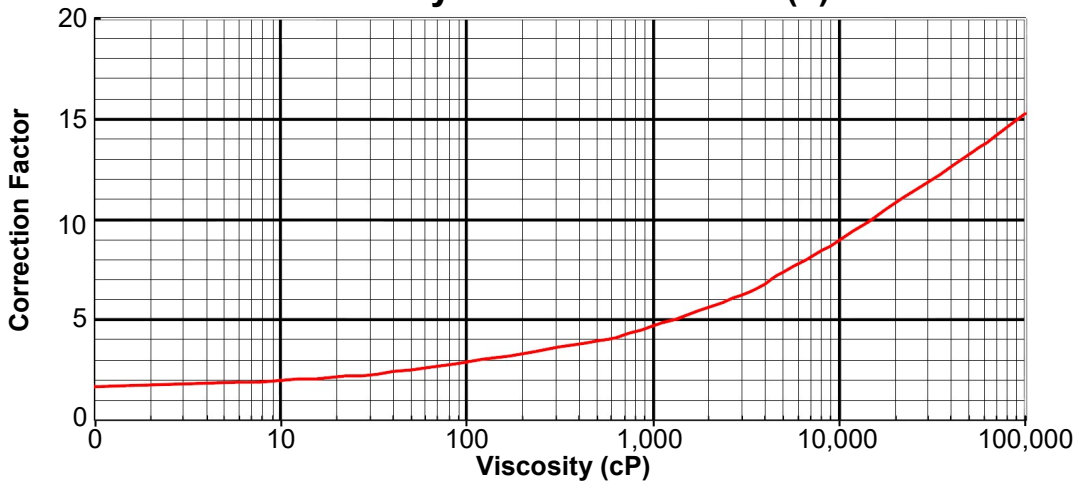
45.6 42.9 40.2 37.5 34.9 32.2 29.5 26.8 24.1 21.5 18.8 16.1 13.4 10.7 8.05 5.36 2.68 HP
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 kW



Ampco
AL Series
Model: **AL44**

Standard Clearances
Standard Port Size = 4.0"
Displacement =
0.60 Gal/Rev
(2.27 L/Rev)

Viscosity Correction Factor (v)



Operating Specifications:

- 0-500 RPM Range
- 175 PSI (12.07 bar) Max. Pressure
- Temperature Range
-40 °F (-40°C) to
250 °F (121°C)

Subject to change without notice

(English units) **Total Power (HP)** = (.0007×p + .0051×v)×n×c

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	44
C (G/rev)	.60
C (L/rev)	2.27

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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