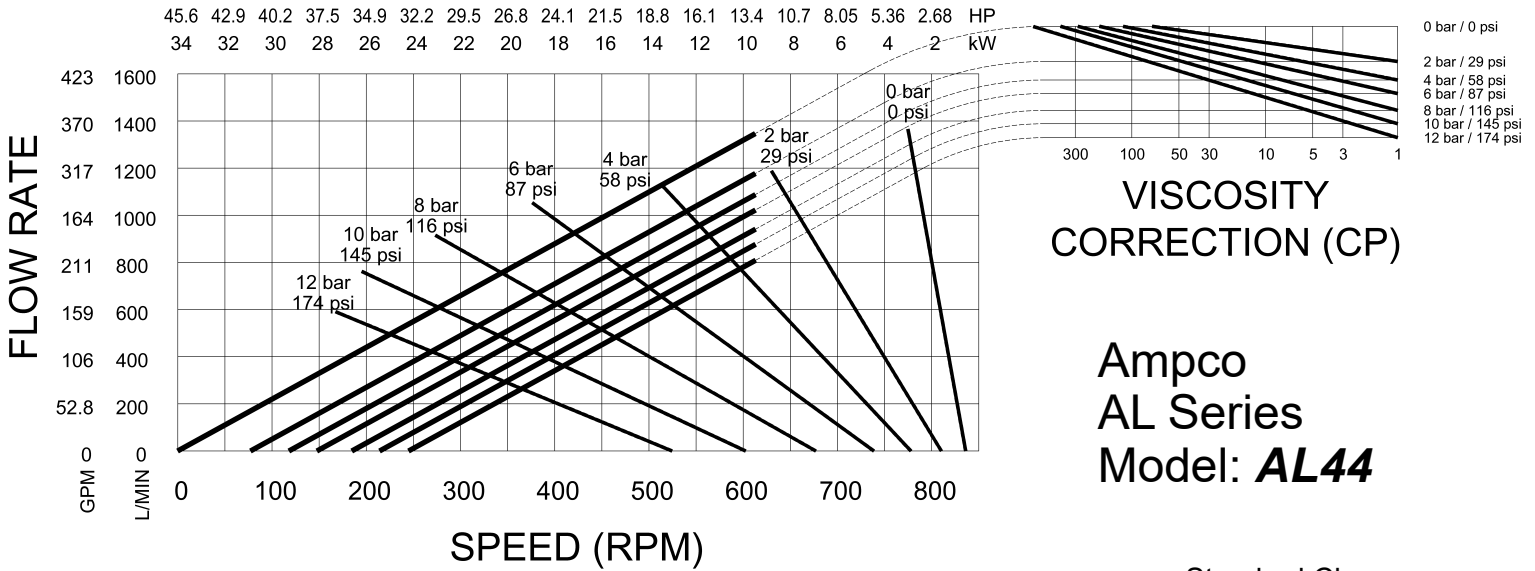


# AL Series Positive Displacement Pumps

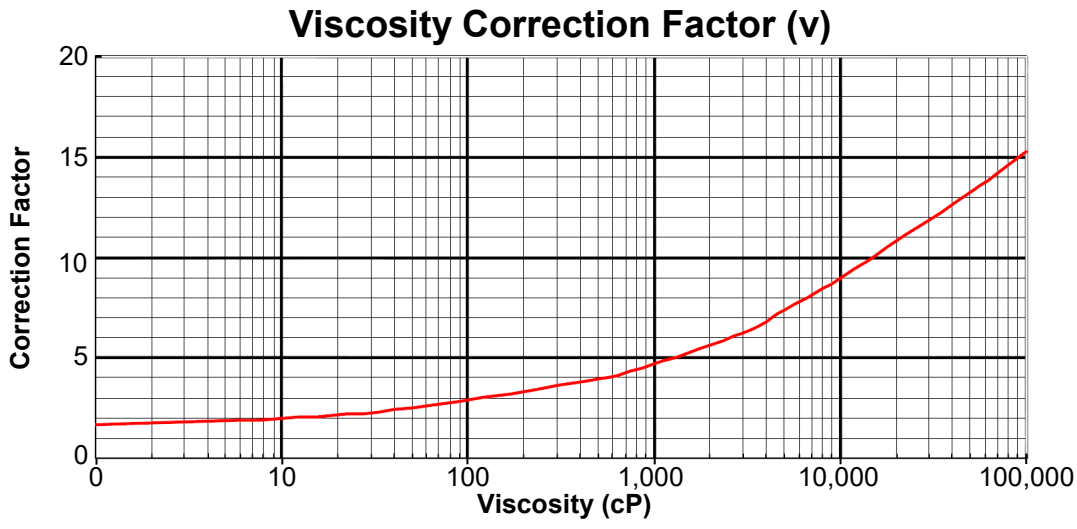
## ABSORBED POWER ABSORBED POWER FIGURES ARE FOR 1 CP VISCOSITY



**Ampco  
AL Series  
Model: AL44**

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

- 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)** =  $(.0007 \times p + .0051 \times v) \times n \times c$   
 (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)

<b>AL Series Model</b>	<b>44</b>
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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