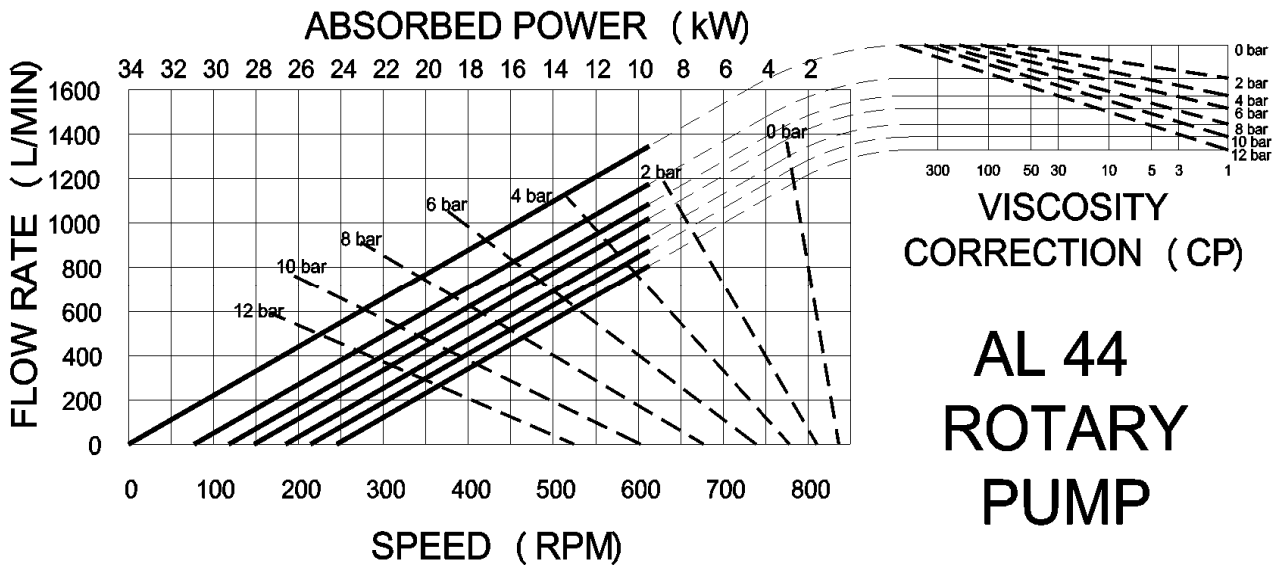


AL Series Positive Displacement Pumps

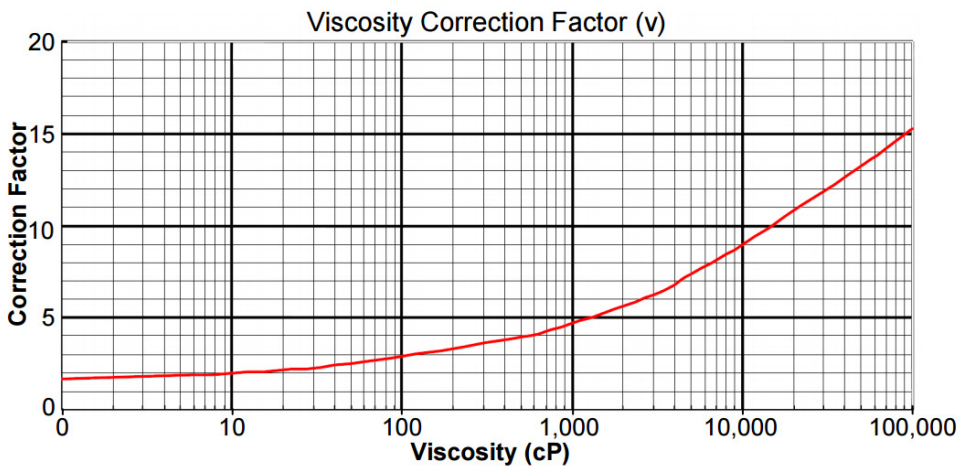
WATER CAPACITY AND ABSORBED POWER GRAPH



AL 44 ROTARY PUMP

ABSORBED KW FIGURES ARE FOR 1 CP VISCOSITY

Standard Clearances
 Standard Port Size = 4.0"
 Displacement =
 .60 Gal/Rev
 2.27 L/Rev



Operating Specifications

- 0-500 RPM range
- 175 PSI (12.00 Bar) Max. Pressure
- Temperature range -40°F (-40°C) to 250°F (121°C)

(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)

Subject to change without notice

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

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