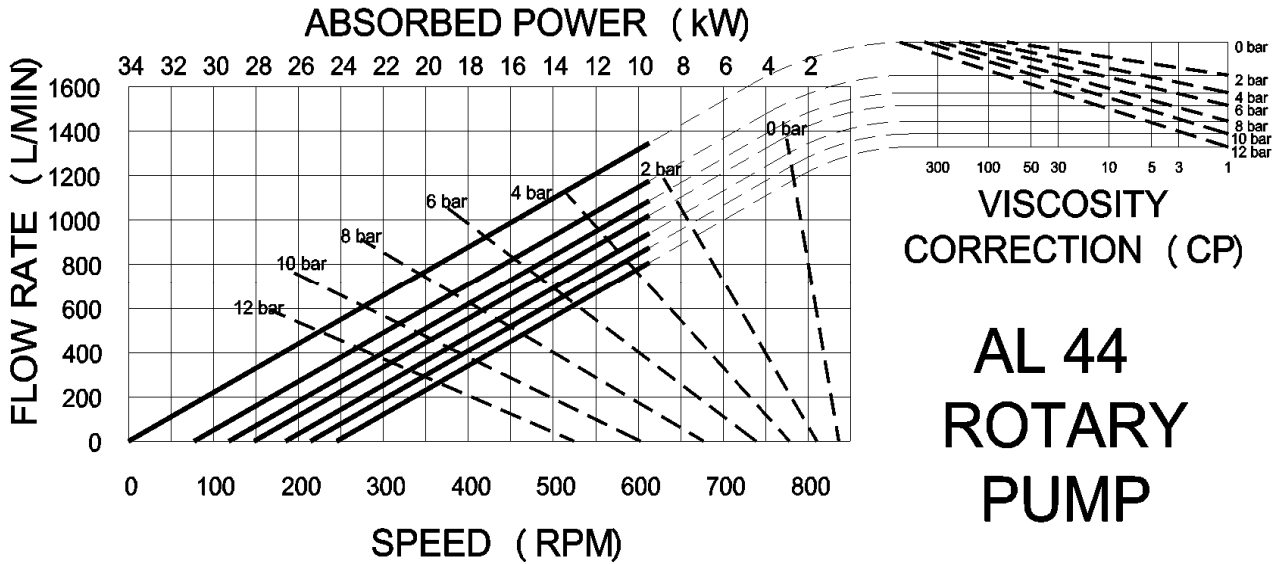


# AL Series Positive Displacement Pumps



www.Rodem.com | (800) 543-7312

## WATER CAPACITY AND ABSORBED POWER GRAPH



# AL 44 ROTARY PUMP

ABSORBED KW FIGURES ARE FOR 1 CP VISCOSITY

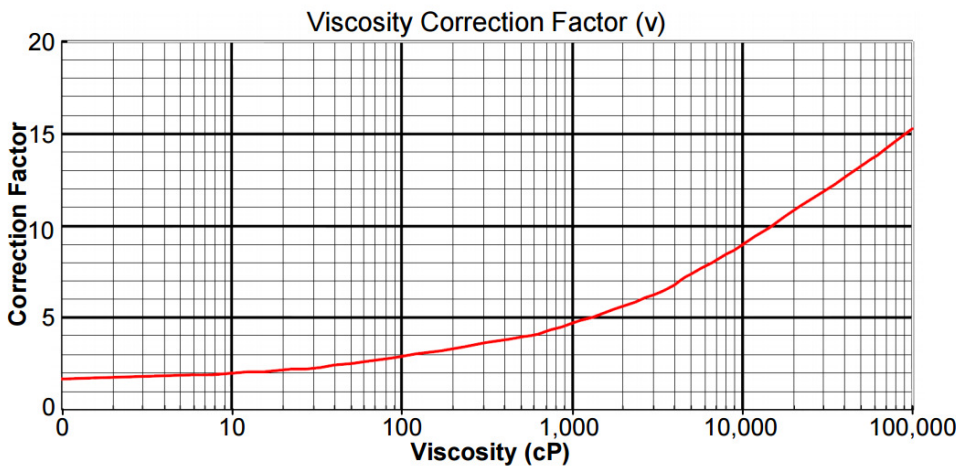
Standard Clearances

Standard Port Size = 4.0"

Displacement =

.60 Gal/Rev

2.27 L/Rev



(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)

Operating Specifications

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

Subject to change without notice

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

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