

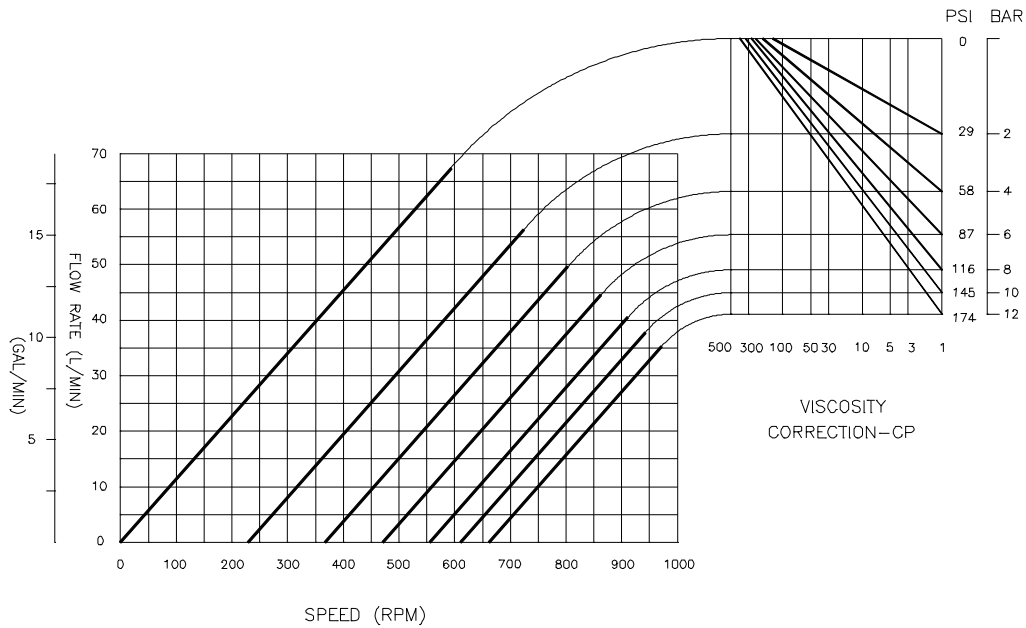


The Right Connection®

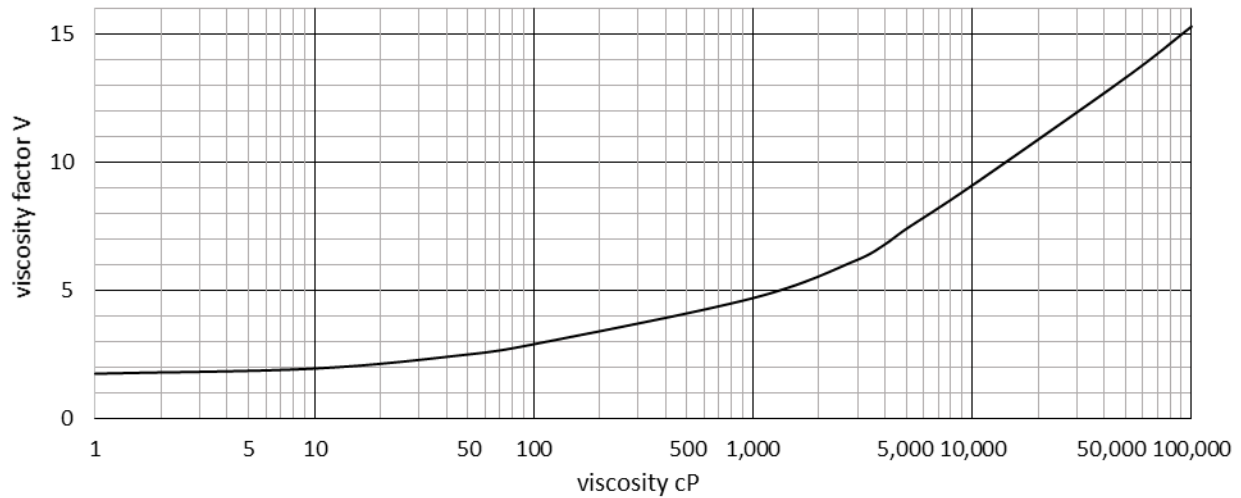
# PUMP CURVE

Applies to Bi-wing, Bi-lobe, and Single Wing\* Rotors

\* Single Wing Rotor 100 RPM Max



## Power Calculation for Viscosity Liquids



$$\text{(English units) Total Power (HP)} = (0.0007 \times p + 0.0051 \times v) \times n \times c$$

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

$p$  = pressure (psi or bar)

$v$  = viscosity correction factor (from graph)

$n$  = speed (RPM)

$c$  = displacement (0.03 gal/rev or 0.12 L/rev)



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