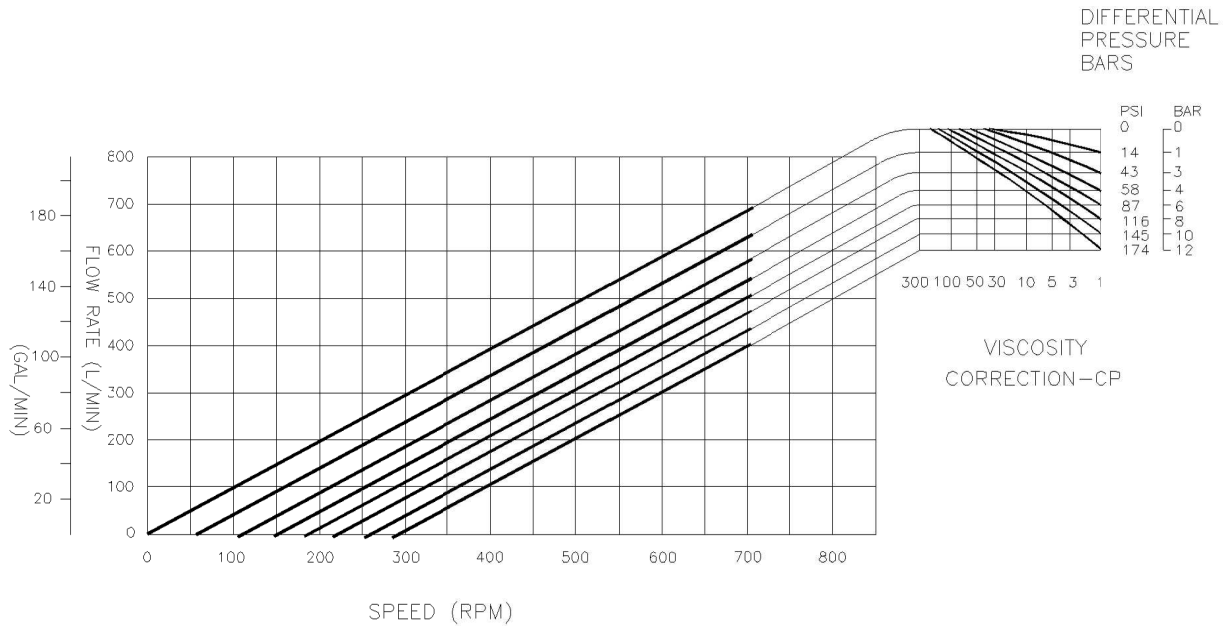


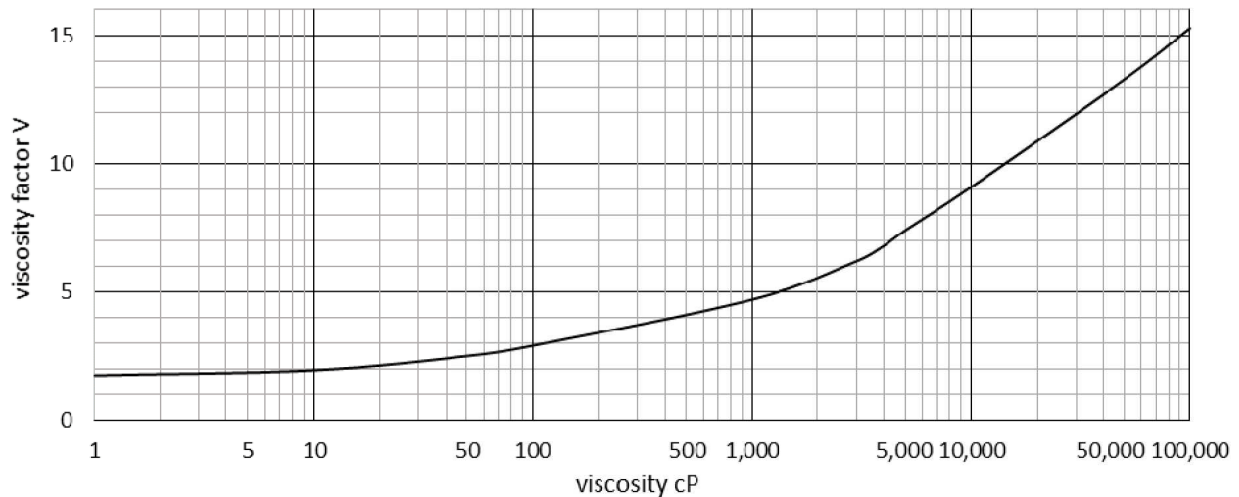
# Rotary Lobe Pump RZL330

APPLIES TO BI-WING, BI-LOBE, AND SINGLE WING\* ROTORS

\* SINGLE WING ROTOR MAX 100 RPM



## Power Calculation for Viscosity Liquids



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

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

$p$  = pressure (psi or bar)

$v$  = viscosity correction factor (from graph)

$n$  = speed (RPM)

$c$  = displacement (0.27 gal/rev or 1.02 L/rev)