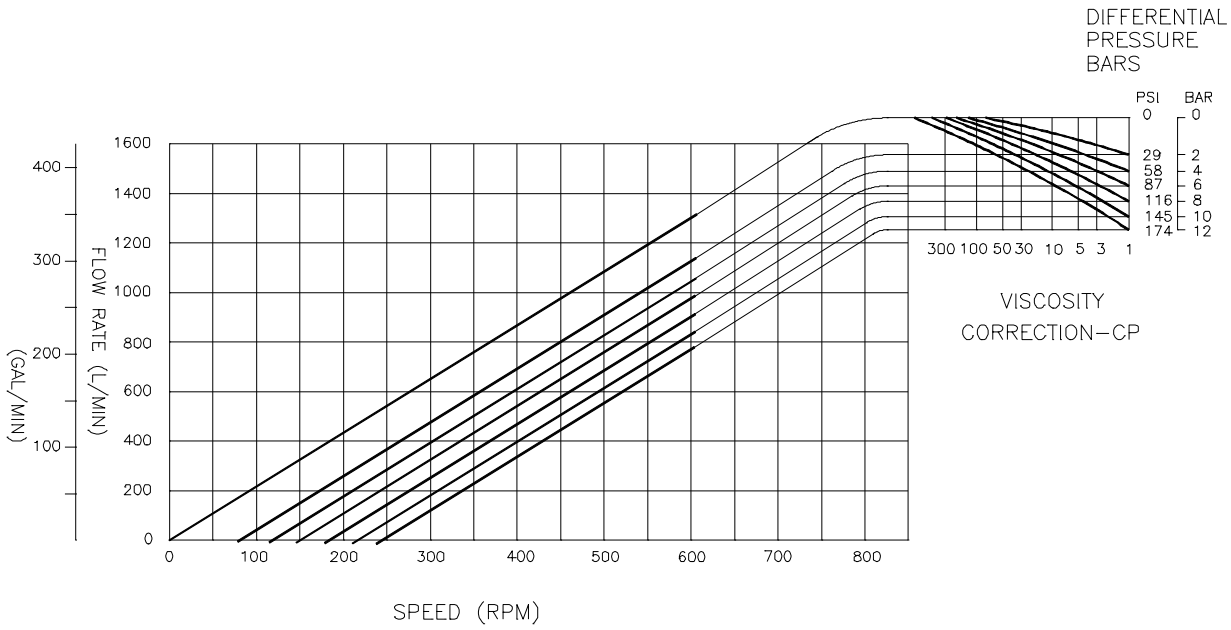
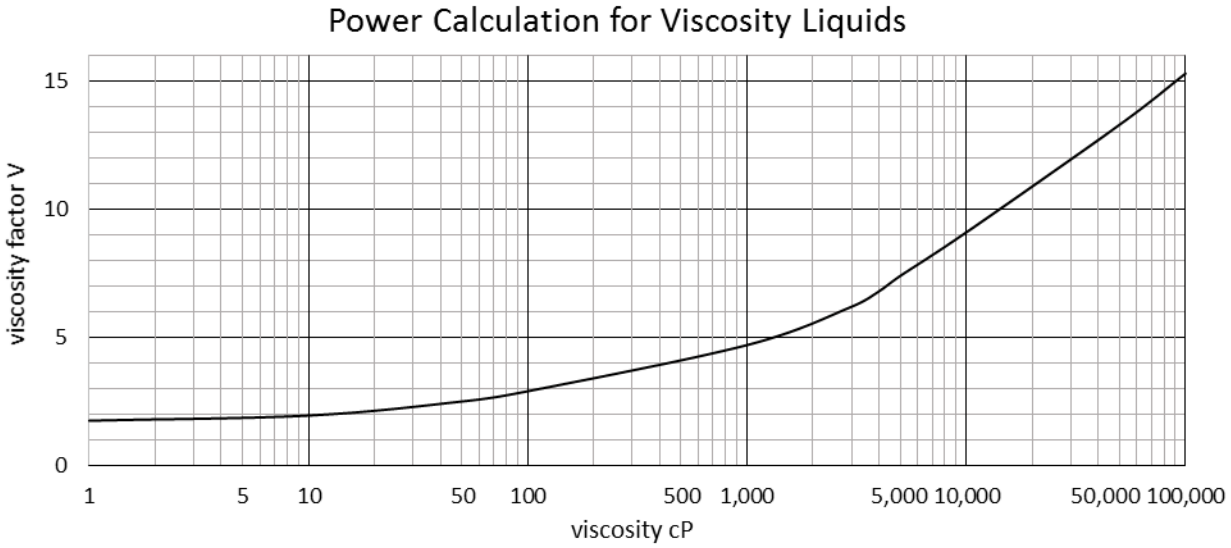
Rotary Lobe Pump RZL440

APPLIES TO BI-WING, BI-LOBE, AND SINGLE WING* ROTORS
* SINGLE WING ROTOR MAX 100 RPM
PORT SIZE: 4 X 4





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

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

$p = pressure\ (psi\ or\ bar)$

$v = viscosity\ correction\ factor\ (from\ graph)$

$n = speed\ (RPM)$

$c = displacement\ \left(0.60\ {}^{gal}/_{rev}\ or\ 2.27\ {}^{L}/_{rev}\right)$