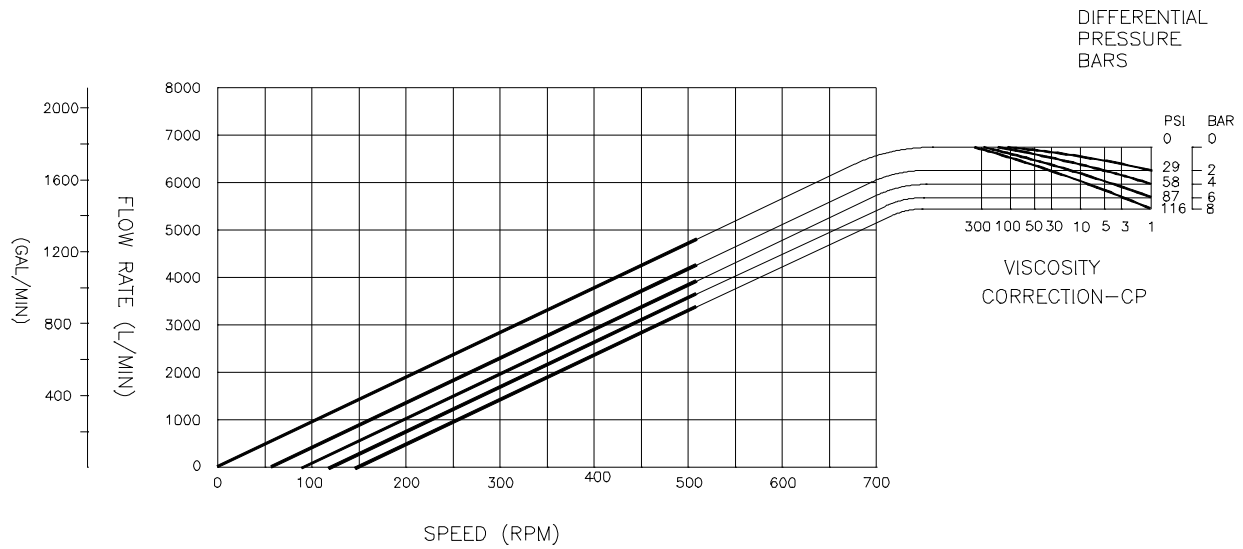
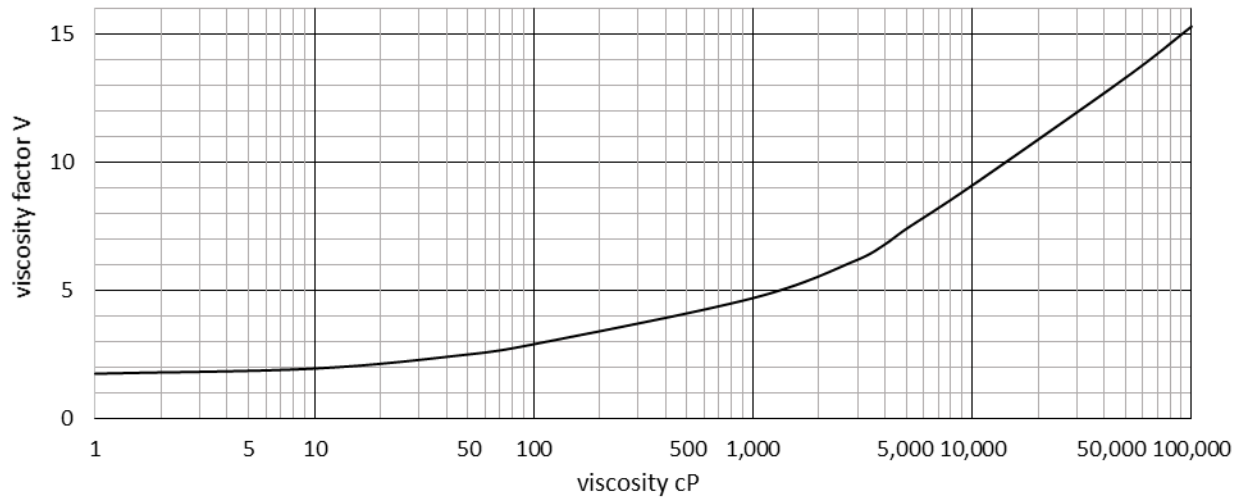


Rotary Lobe Pump RZF5100

APPLIES TO TRIPLE HELI-LOBE ROTOR
PORT SIZE: FLANGE 10 X 10



Power Calculation for Viscosity Liquids



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

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

p = pressure (psi or bar)

v = viscosity correction factor (from graph)

n = speed (RPM)

c = displacement ($2.64\ gal/rev$ or $10.0\ L/rev$)