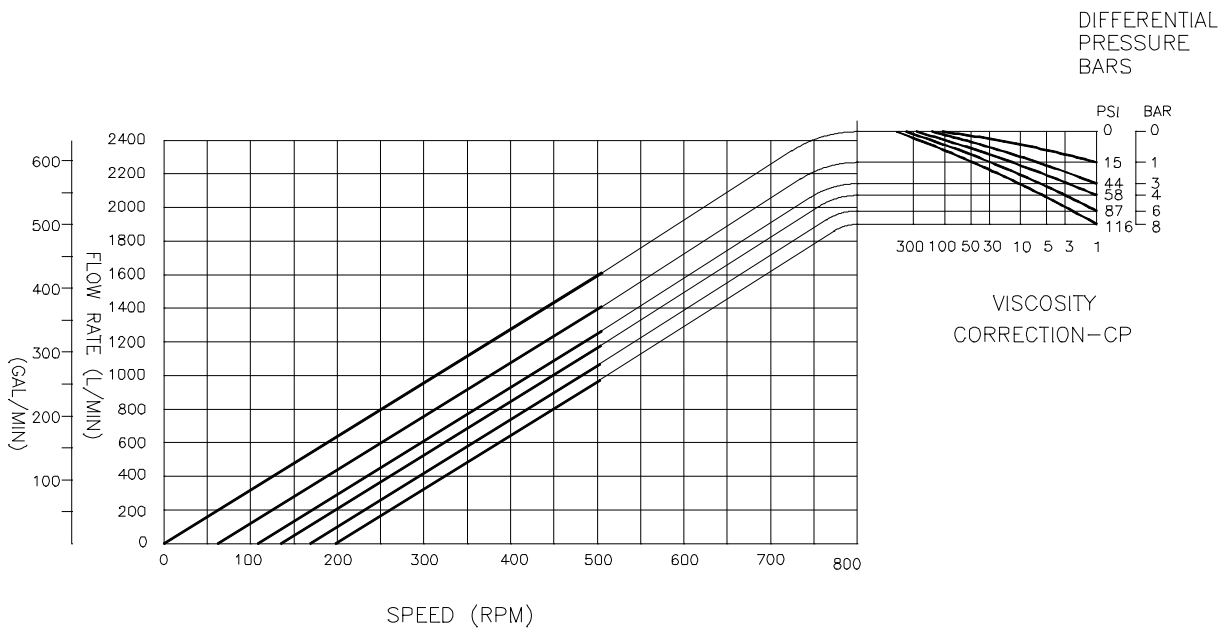


Rotary Lobe Pump JRZL450

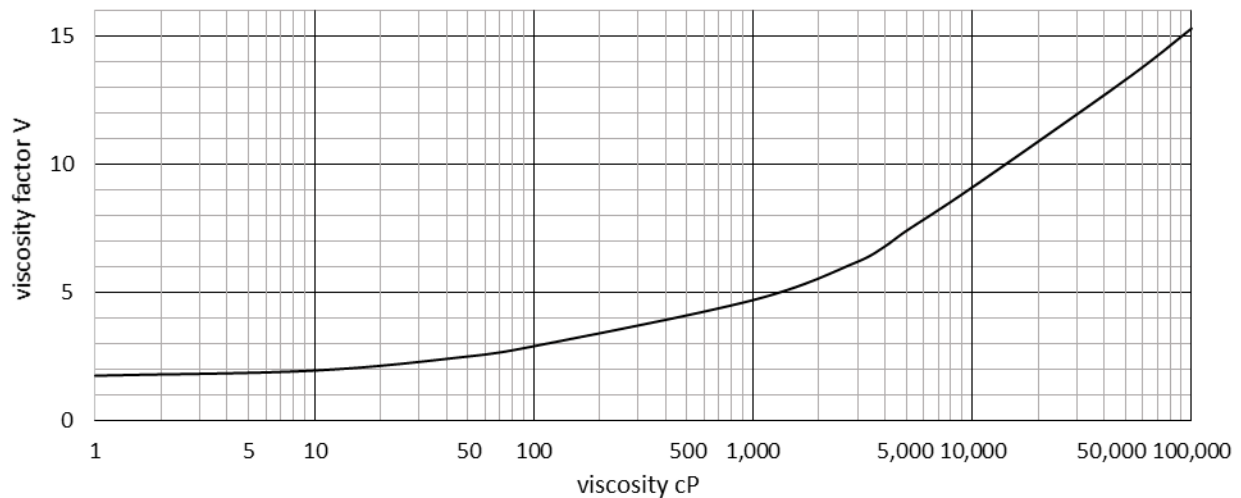
APPLIES TO BI-WING, BI-LOBE, AND SINGLE WING* ROTORS

* SINGLE WING ROTOR MAX 100 RPM

PORT SIZE: 5 X 5



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 (0.88 gal/rev or 3.34 L/rev)

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