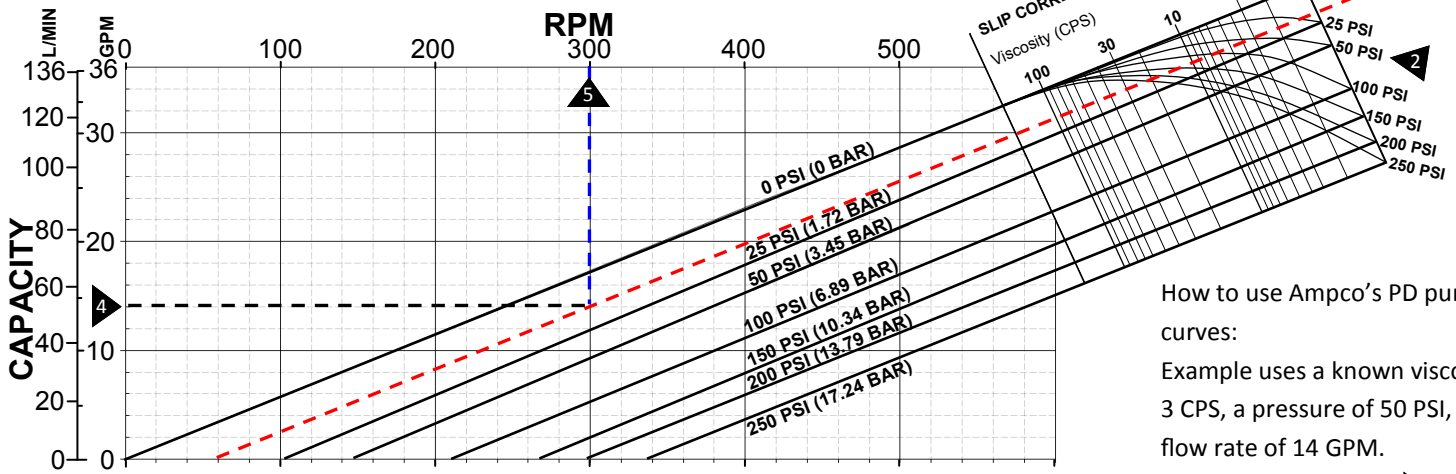


ZP Positive Displacement Pumps



How to use Ampco's PD pump curves:

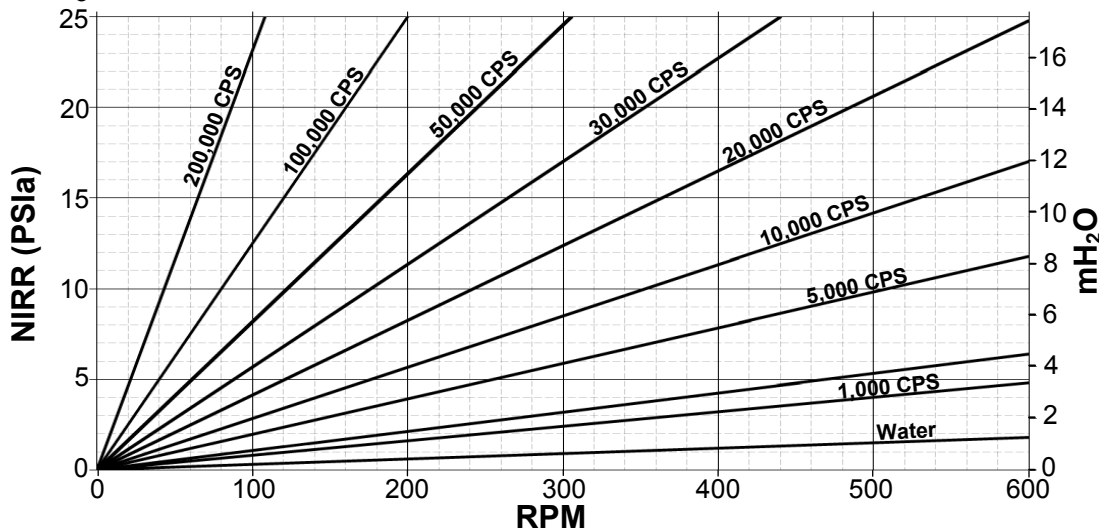
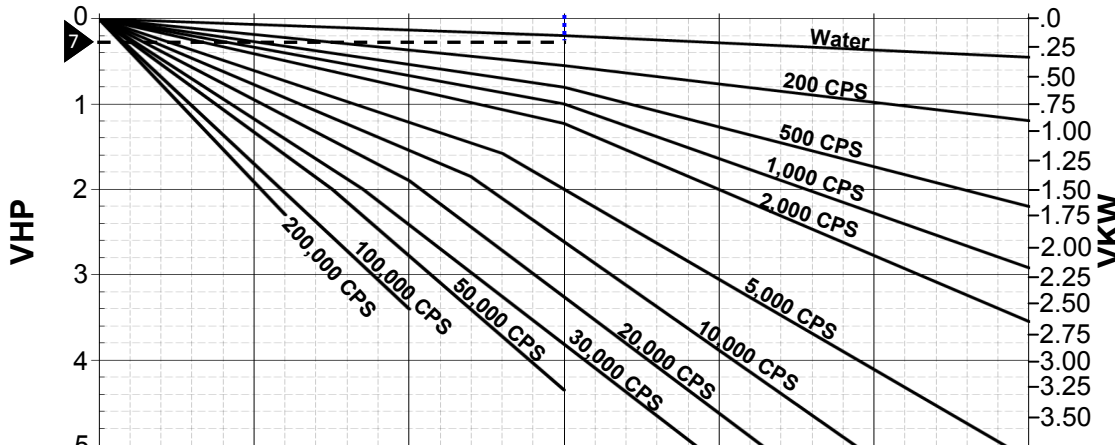
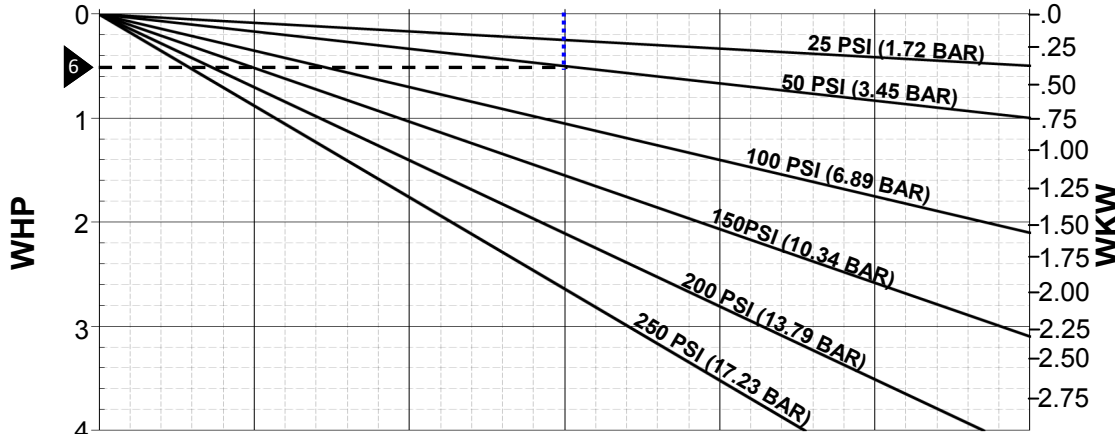
Example uses a known viscosity of 3 CPS, a pressure of 50 PSI, and a flow rate of 14 GPM.

- Find the viscosity **1** and calculated pressure **2**.
- Use **1** and **2** to find the operating line **3**.
- From the operating line and the required GPM **4** find the RPM **5**.
- Use **2** and **5** to find the WHP **6**.
- Use **1** and **5** to find VHP **7**.
- Find $HP = WHP + VHP$

Using this example $HP = 0.5 + 0.25 = 0.75$ HP required

Quick Reference:

- (1) Viscosity
- (2) Calculated Pressure
- (3) Operating Line
- (4) GPM
- (5) RPM
- (6) WHP
- (7) VHP



Note: Ampco Curves are intended as an aid in sizing and selection of pumps. Selections should be reviewed by an Ampco sales personnel prior to placing an order.

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