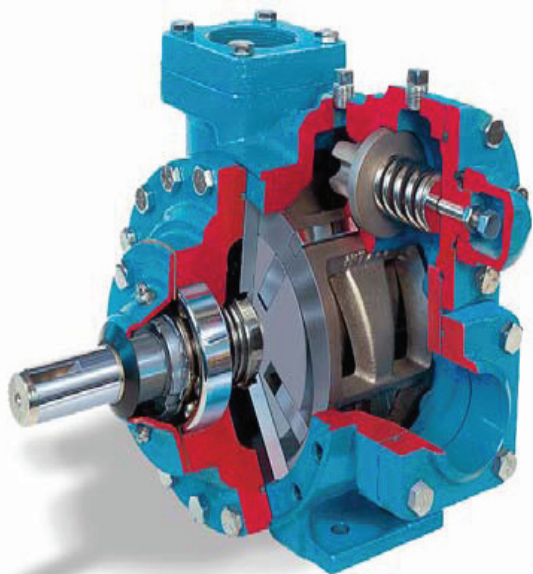




Sliding Vane Pump Technology



The Blackmer rotary vane or sliding vane pump design directly addresses the weaknesses found in other positive displacement pumps. The rotor and shaft are supported on either side by heavy duty bearings as opposed to the overhung/cantilevered design of gear and lobe pumps, providing unmatched seal and bearing support. The sliding vanes self-compensate for wear, meaning the rotary vane pump will hold it's volumetric efficiency throughout it's life cycle instead of steadily losing it's efficiency over time like other PD pumps, and because of this the sliding vane technology also offers superior suction, priming, and vacuum capabilities. The sliding vanes also become the sacrificial component, making inventory and repairs simple, quick, and inexpensive.

Standard Configurations

- Packed with sleeve bearings
- Mechanical Seal with ball bearings
- Upgraded Mechanical Seal designs and environmental controls
- Magnetically coupled (Magdrive) options
- Motor-speed pump to eliminate gearbox and accommodate higher flows
- Hand crank drum pumps

