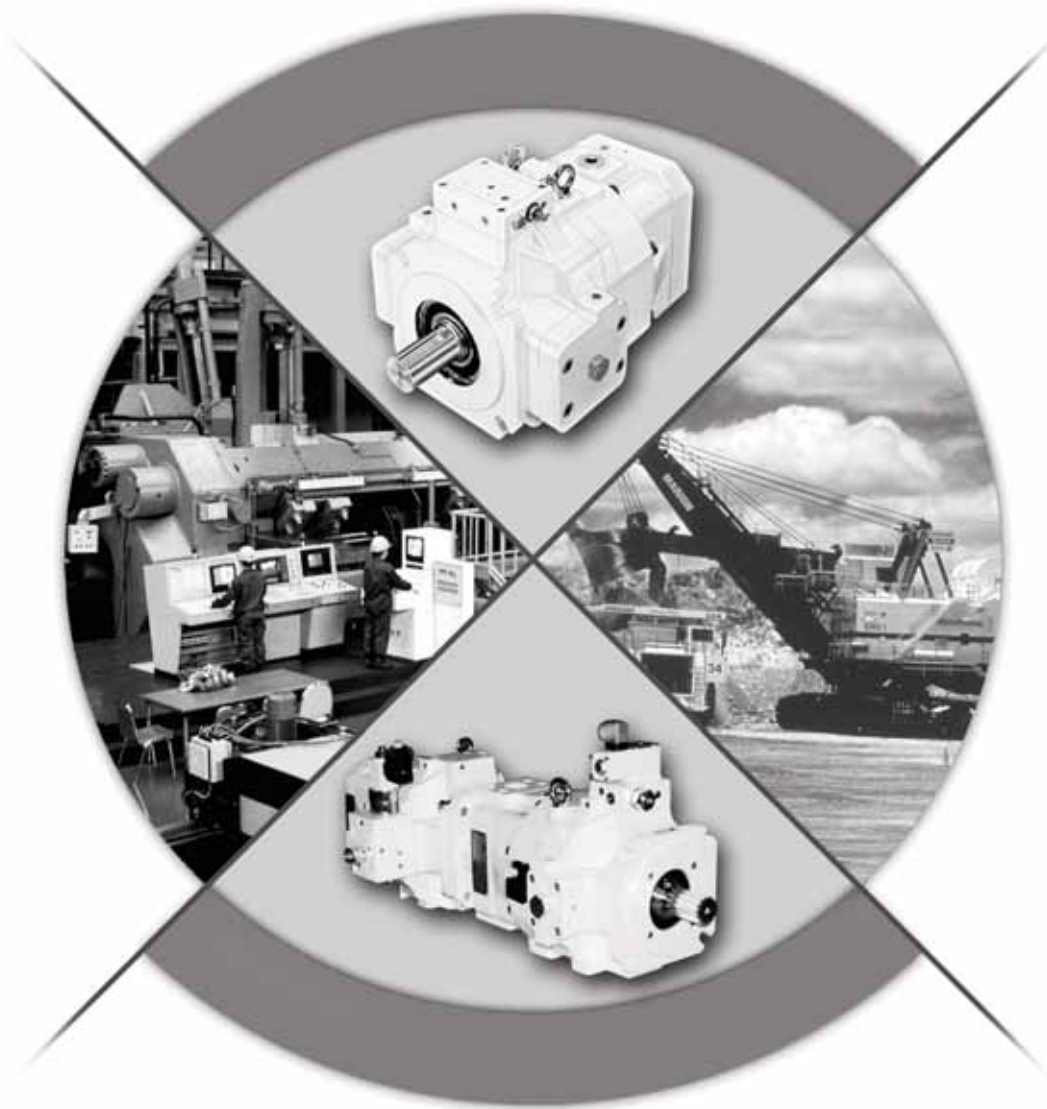
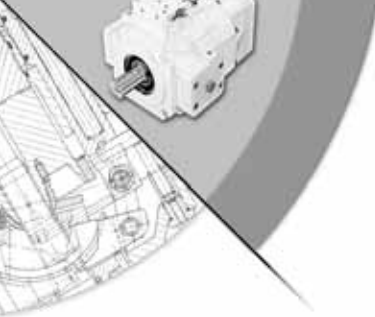


# Oilgear

## PVV Open Loop Pumps





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## PERFORMANCE ASSURANCE – STANDARD WITH EVERY OILGEAR PUMP



**Oilgear**  
PERFORMANCE  
ASSURANCE

**Every** Oilgear product is shipped to you with our Performance Assurance — a corporate commitment to stay with your installation until our equipment performs as specified.

Hydraulic equipment and systems have been Oilgear's primary business since 1921. For decades, we have developed hydraulic techniques to meet the unique needs and unusual fluid power problems of machinery builders and users worldwide, matching fluid power systems to a tremendous range of applications and industries. Our exclusive Performance Assurance program is built upon that strong foundation.

As a customer, you also benefit from access to Oilgear's impressive technical support network. You'll find factory trained and field-experienced application engineers on staff at every Oilgear facility. They are backed by headquarters staff who can access the records and knowledge learned from decades of solving the most difficult hydraulic challenges.

When your design or purchase is complete, our service is just beginning. If you ever need us, our Oilgear engineers will be there, ready to help you with the education, field service, parts and repairs to assure that your installation runs smoothly — and keeps right on running.

**Oilgear** Performance Assurance

# PVV Open Loop Pumps

Compact, computer optimized, high horsepower pumps with Oilgear's time proven rotating group.

- Up to 587 horsepower (438 kw) in a small package enables compact, light weight installation package.
- Proven designed rotating group with 25 years of heavy duty applications.
- Engineered with proven materials and finite element analysis.

Swashblock and integral saddle with special polymerous bearings.

- Allows running with low viscosity or other special fluids.
- Permits consistent control reaction.
- Eliminates troublesome yoke bearing.
- Provides long life.

Keyed or splined shaft.

Patented pressure lubricated swashblock design.

- Provides high performance for high cycling operation.

Sealed front shaft bearings.

- Allows operation with low viscosity or other special fluids.
- Permits side loading.

Adjustable minimum and maximum volume stops (standard).

Piston shoes run on flat steel thrust plate.

- Hydrostatically balanced piston shoe assembly provides long life.
- Allows higher pressure operation, 5000-6500 psi (350-450 bar).
- Thrust plate is easily re-machined or replaced reducing repair costs.
- Retained shoe mechanism allows high speed operation.

Industry proven mechanically retained shoe.

- Retained shoe mechanism allows speeds up to 1800 rpm.

Replaceable hardened cylinder wear plate and bronze port plate.

- Provides greater resistance to contamination.
- Flat plates are easily re-machined or replaced reducing repair costs.

