



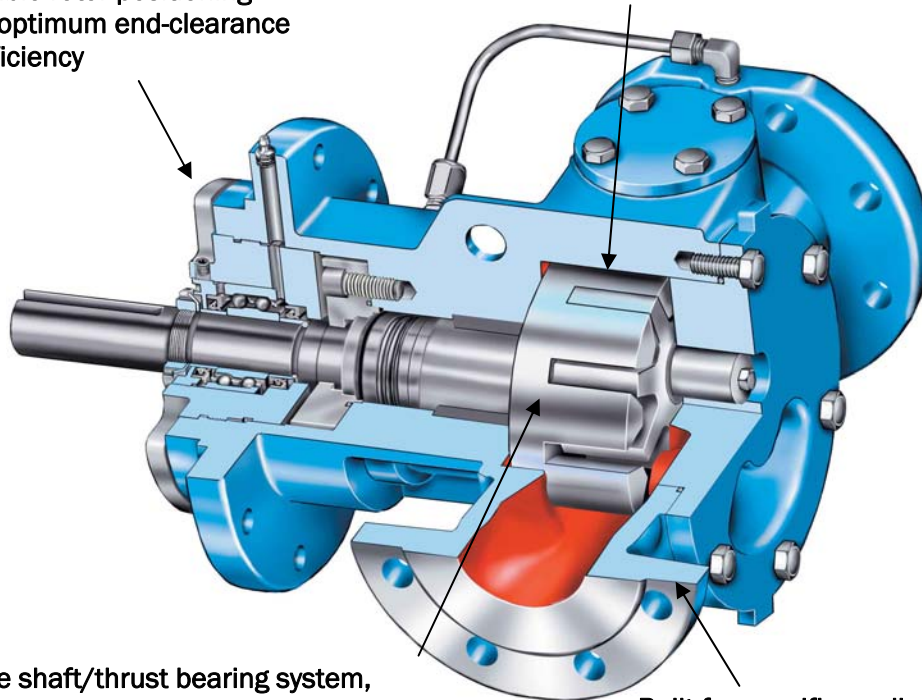
KelairPumps

Motor Speed

VIKING GEAR PUMPS

Adjustable rotor positioning allows optimum end-clearance and efficiency

Optimised gear geometry delivers high-speed performance, while controlling noise levels



Large shaft/thrust bearing system, with a large diameter carbon graphite bushing, minimises shaft deflection, extending rotor and seal life

Built for specific applications, can be direct-mounted to an IEC motor or foot-mounted. Other options include jacketed heads, wide range of DIN seals, and relief valves

FEATURES & BENEFITS

- Designed specifically for high-speed operation
- Provides more performance from a smaller package at a lower cost
- New concept in pump design delivers smooth, high-speed performance
- Robust mechanical design provides Viking's traditional reliability

Call Kelair Direct 1300 789 466

STANDARD PUMP CONSTRUCTION & OPTIONS

STANDARD:

- Casing -Ductile Iron
- Rotor -Ductile Iron
- Idler -Cast Iron
- Bushing -Carbon Graphite
- Seal Type -Single Buna N fitted mechanical seal

OPTIONS:

- Casing -N/a
- Rotor -Steel
- Idler -N/a
- Bushing -N/a
- Seal Type -Viton fitted mechanical seal

TYPICAL LIQUIDS AND APPLICATIONS

- Chemical Processing - Glycols, Glycerins, Polyols, Styrenes
- Grain Processing - Corn Oil, Soybean Oils, Fructose, Glucose
- Petroleum Products - Solvents, Oils, Additives, Fuels
- Rotating Equipment OEM's - Compressor Lube Systems, Fuel Transfer Systems

PERFORMANCE SPECIFICATIONS - Standard Construction

| Model | Port Size | Nominal Pump Rating | | Maximum Differential Pressure | Maximum Temperature | Approximate Shipping Weight |
|-------|-----------|---------------------|-------|-------------------------------|---------------------|-----------------------------|
| | | Flow | Speed | | | |
| Size | mm | m ³ /hr | RPM | Bar | DegC | Kg |
| HLE | 40 | 5.9 | 1450 | 12 | 150 | 23 |
| ATE | 65 | 12.1 | 1450 | 12 | 150 | 45 |
| ALE | 65 | 21.4 | 1450 | 12 | 150 | 45 |
| KE | 80 | 28.8 | 1450 | 12 | 150 | 65 |
| KKE | 80 | 38.4 | 1450 | 12 | 150 | 65 |
| LQE | 100 | 45.6 | 970 | 12 | 150 | 86 |