FEATURES & BENEFITS

- Sealless mag drive eliminates the shaft seal to provide the highest level of liquid and vapor containment
- All liquid and vapor is hermetically sealed in the pump
- Used especially for hazardous and difficult-to-seal liquids
- Optional high pressure canister for inlet pressures up to 2,250 PSI (155 BAR)

CAPACITY

to 75 GPM (17 m³/h)

PRESSURE

to 125 PSI (8.5 BAR)

TEMPERATURE

-60°F to +500°F (-50°C to +260°C)

VISCOSITY

28 to 250,000 SSU (1 to 55,000 cSt)

MOTOR SPEED PRODUCT LINE

SERIES: 895, 893, 897

CAST IRON, STEEL EXTERNALS & STAINLESS STEEL

Casing bushings

Optional temperature probe connection

Canister

Balance plate standard material is PPS composite, with an optional iron balance plate for high temperature applications

Head

Internal pressure relief valve standard; return-to-tank valve and plain head optional

Bracekt designed to mount directly to a c-flange NEMA motor (MD-A or MD-B coupling sizes) or to a bearing carrier assembly for a shafted version of this pump (not shown)

Casing

Canister O-ring - along with the canister, this static seal replaces traditional dynamic seals like packing and mechanical seals; this provides the highest assurance against leakage on difficult to seal liquids

The outer magnet is the drive magnet, driven directly by the motor

The inner magnet is the driven magnet, aligned by magnetic force passing through the canister; the inner magnet assembly is shielded in a laser welded 316SS housing to prevent exposure of the magnets to the liquid

VIKING PUMP
PERFORMANCE

MODELS
Sealless Mag Drive

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Cast Iron</th>
<th>Steel Externals</th>
<th>Stainless Steel</th>
<th>Max Speed, RPM</th>
<th>GPM</th>
<th>m³/h</th>
<th>Size, Inches</th>
<th>Type*</th>
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<td>GG897</td>
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</table>

* 893 & 897 Series ports are Flange.
** AS895 and AK895 models have 2½ inch ports.

CURVES

PORTING
- Opposite (180°)
- NPT
- Flanged (ANSI)
- High Pressure Flanges

SEALING
- Sealless Mag Drive

MOUNTING
- Motor Mount
- Foot Mount

DRIVES
- Motor Mounted Drive
- Bracket Mounted Drive
- Direct-Mounted Drive

TYPICAL APPLICATIONS
- Refined Fuels
- Lube Oils
- Rotating Equipment
- Lubrication
- Mobile Pump Carts
- Glycols
- Pipeline Sampling
- Isocyanates

VIKING PUMP, INC.
A Unit of IDEX Corporation
406 State Street
Cedar Falls, Iowa 50613 U.S.A.
Telephone: (319) 266-1741
vikingpump.com

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