



TRA®10 SERIES™

CIRCUMFERENTIAL PISTON PRODUCT LINE



FEATURES & BENEFITS

CLEANABILITY

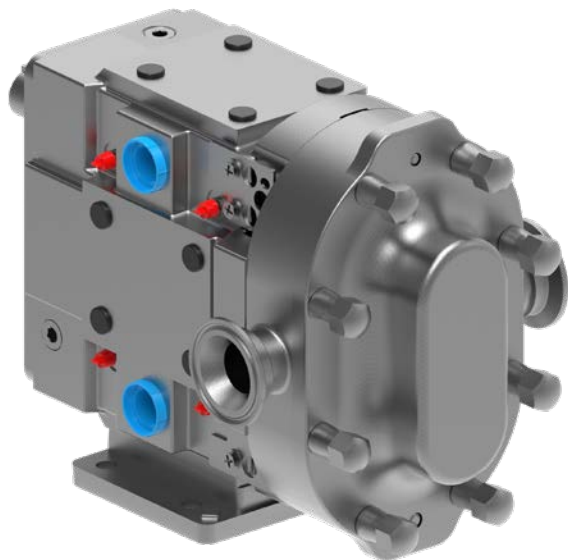
- Easy disassembly for easy COP (Clean Out of Place)
- Designed to 3A standards

PERFORMANCE

- Efficient handling for low & high viscosity applications
- Exclusive, non-galling WFT 808® alloy rotors standard; permits running at tighter clearances
- High strength 17-4 PH single piece shaft standard on 0300 and larger
- Helical gears, improving load carrying capabilities

EASE OF MAINTENANCE

- Drop-in-place with TRA®20 & comparable manufacturer models
- Interchangeable service parts with comparable manufacturer models
- Easy disassembly



PERFORMANCE

MODELS

| Model | Displacement | | Max Pressure | | Max Speed | Standard Ports | | Max Capacity | |
|-------|--------------|--------|--------------|-----|-----------|----------------|-----|--------------|------|
| | USG/rev. | l/rev. | PSI | BAR | RPM | In | mm | GPM | m³/h |
| 0060 | 0.008 | 0.03 | 200 | 14 | 800 | 1.5 | 38 | 6 | 1.3 |
| 0150 | 0.014 | 0.052 | 200 | 14 | 700 | 1.5 | 38 | 9 | 2 |
| 0180 | 0.03 | 0.11 | 200 | 14 | 600 | 1.5 | 38 | 17 | 3.8 |
| 0300 | 0.06 | 0.23 | 200 | 14 | 600 | 1.5 | 38 | 36 | 8.2 |
| 0450 | 0.1 | 0.38 | 400 | 27 | 600 | 2 | 51 | 59 | 13.3 |
| 0600 | 0.15 | 0.58 | 200 | 14 | 600 | 2.5 | 64 | 90 | 20.4 |
| 1300 | 0.25 | 0.96 | 200 | 14 | 600 | 3 | 76 | 150 | 34.1 |
| 2200 | 0.52 | 1.98 | 200 | 14 | 600 | 4 | 102 | 310 | 70.4 |
| 3200 | 0.75 | 2.85 | 200 | 14 | 600 | 6 | 152 | 450 | 102 |

RECTANGULAR FLANGE MODELS

| Model | Displacement | | Max Pressure | | Max Speed | Inlet (WxL) | | Outlet | | Max Capacity | |
|-------|--------------|--------|--------------|-----|-----------|--------------|----------------|--------|-------|--------------|------|
| | USG/rev. | l/rev. | PSI | BAR | RPM | In | mm | In | mm | GPM | m³/h |
| 0340 | 0.06 | 0.22 | 200 | 14 | 400 | 1.75 x 6.75 | 44.50 x 171.45 | 2 | 50.8 | 24 | 5.4 |
| 0640 | 0.15 | 0.57 | 200 | 14 | 400 | 2.24 x 8.82 | 56.90 x 224.03 | 2.5 | 57.2 | 60 | 13.6 |
| 1340 | 0.25 | 0.96 | 200 | 14 | 400 | 2.97 x 9.25 | 75.44 x 234.95 | 3 | 76.2 | 100 | 22.7 |
| 2240 | 0.52 | 1.97 | 200 | 14 | 400 | 3.87 x 11.00 | 98.30 x 279.40 | 4 | 101.6 | 200 | 45.4 |



CAPACITY
to 450 GPM
(102 m³/h)



PRESSURE
to 400 PSI
(27 BAR)



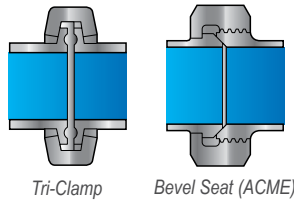
VISCOSITY
to 910,000 SSU
(200,000 cSt)



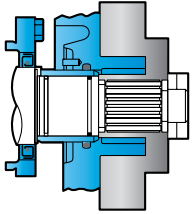
TEMPERATURE
to +300°F
(+150°C)

PORTING

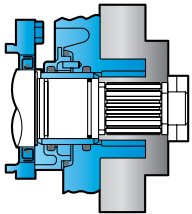
- Complete range of hygienic clamp, screw, flange & industrial screw connections
- Tri-clamp, flanged, DIN, IMDA, NPT, BSP, etc.



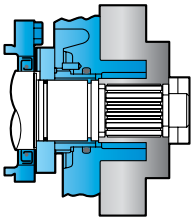
SEALING



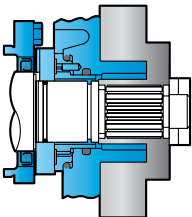
- Single O-ring
 - Standard O-rings & Cover Seals: *Buna/FDA*
 - Optional O-rings & Cover Seals: *FKM, EPDM, Silicone*



- Double O-ring with Flush
 - Standard O-rings & Cover Seals: *Buna/FDA*
 - Optional O-rings & Cover Seals: *FKM, EPDM, Silicone*



- Single Mechanical
 - Standard Seal Faces: *SiC/SiC*
 - Standard O-rings & Cover Seals: *Buna/FDA*
 - Optional Faces: *Carbon, Ceramic or Chrome Oxide*
 - Optional O-rings & Cover Seals: *FKM, EPDM, Silicone*



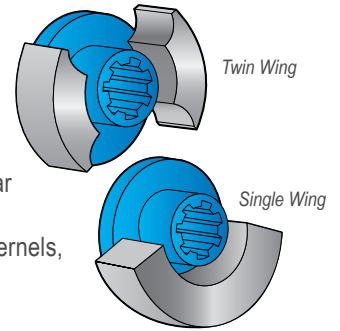
- Double Mechanical with Flush
 - Standard Seal Faces: *SiC/SiC/C*
 - Standard O-rings & Cover Seals: *Buna/FDA*
 - Optional Faces: *Carbon, Ceramic or Chrome Oxide*
 - Optional O-rings & Cover Seals: *FKM, EPDM, Silicone*

GEAR BOX

- Powder-coated standard
- 304 stainless steel optional

ROTOR & CASING OPTIONS

- 316 stainless steel pump casing standard w/ interior finished to 3-A standards
- Non-galling WFT 808[®] nickel alloy rotors standard or 316 stainless steel rotors optional
- Optional clearances: front face, hot, high temperature/high viscosity (chocolate)
- Twin Wing Rotors Standard
 - Suitable for all liquids, provides minimum pulsation
- Single Wing Rotors Optional
 - Standard Provides reduced shear on shear sensitive fluids or large solids such as fruit pieces, nut kernels, cheese curds or meats



MOUNTING

- A gear case that can be mounted in any of four positions allows for horizontal or vertical porting, flexibility in drive shaft positioning to match reducer or gear motor input & improved access to grease fittings

TYPICAL APPLICATIONS

- Dairy
- Bakery
- Meat Processing
- Foods
- Confectionary
- Paints
- Chemical

WHY REMANUFACTURE?

- Worn pump is returned to **like-new condition & performance**
- Your remanufactured pump carries a **full 1 year factory warranty**
- All remanufactured pumps are **tested & certified**
- Save big** compared to purchasing an entirely new pump
- Pumps can be remanufactured **up to four times**, depending on model & wear

VIKING PUMP[®]

VIKING PUMP, INC.
A Unit of IDEX Corporation
406 State Street
Cedar Falls, Iowa 50613 U.S.A.
vikingpump.com

CONTACT YOUR STOCKING DISTRIBUTOR TODAY

BESTPUMP

HYGIENIC PUMPING SPECIALISTS

WEB: bestpump.co.uk
PHONE: +44 (0)1236 433799
EMAIL: info@bestpump.co.uk

GLOBAL LEADER IN POSITIVE DISPLACEMENT PUMPING SOLUTIONS: Cedar Falls, Iowa, USA | Windsor, Ontario, Canada | Shannon, Ireland | Eastbourne, United Kingdom

© Copyright 2022 Viking Pump, Inc. All Rights Reserved. Rev0322 | Form No. 1722