

# PROCON®

## 1300, 1500, 1600 SERIES PUMPS

### ROTARY VANE-TYPE

1300 series



1500 series



1600 series



#### GENERAL INFORMATION

PROCON's 1300, 1500 and 1600 series pumps are of the positive displacement rotary-vane type with capacities to 125 gallons per hour and discharge pressures up to 250 PSI.

- They are ideally suited for handling many clean fluids.
- They have the unique ability to handle many liquids with low lubricating characteristics at relatively high pressure.
- Special internal materials and unique design eliminate metal-to-metal contact and make PROCON pumps low in starting torque.
- PROCON vane pumps are self priming.
- PROCON vane pumps are quiet and have low vibration and pulsation characteristics.
- Flow remains constant over the entire pressure range.
- You can mount PROCON vane pumps on NEMA 56C frame motors for a coupling drive or attach them to NEMA 48YZ motors with a V-band clamp.
- PROCON vane pumps do not have to be lubricated and are virtually maintenance-free throughout their entire life except for cleaning the strainer.
- PROCON provides a quick and low cost factory repair service.
- NSF International listed pumps are available.

#### OPTIONS

PROCON's 1300 series pumps have the protection of an integral inlet strainer to trap particles that can cause serious damage to the pump.

Most PROCON pumps are available with or without a built-in relief valve. The relief valve temporarily protects against dangerous overpressure. All relief valves are preset at the factory to your specifications (30 to 250 PSI range). At the specified setting, the flow will fully by-pass from the outlet to the inlet through the relief valve chamber. The standard relief valve is made of plastic; but a brass valve is available, except in the 1600 series.

PROCON offers a wide range of options, so we can tailor-make a pump for most systems. Some of the options we offer include special seals, mounting flanges, rotations, and clearances.

#### STANDARD SPECIFICATIONS

Body Material	Type 303 stainless steel or brass
	15-125 GPH

#### Typical Horsepower Required

#### Maximum Discharge Pressure

#### Rotation (viewed from nameplate end)

#### Dry Weight

