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Clear Solutions Technology Company

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VERDER HOSE PUMP DURA 55

CONTACT US FOR PRICING | 57 RPM | 48 GPM @ 72.5 PSI, 95°F Continuous operation | Buna Hose, 2.5" 316SS Ansi Flanges, Powder coated Steel Frame | 7.5 HP, 3/60/460V Inverter Duty motor

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SKU: DURA 55 STANDARD
Stock: Out of stock contact us for lead time
Categories: Hose Pumps

Model Number DURA 55 STANDARD

PRODUCT DESCRIPTION

Rotors and Rotor Shoes

Precise alignment between system pressures and hose life
Every Verderflex VF pump has 2 diametrically opposed rotor shoes, normally
precision cast Aluminum, fitted on their robust cast iron rotor. These large radius of curvature shoes provide a gentle, gradual transition between full hose

occlusion and total hose relaxation, minimizing the hose's re-enforcement fibre
stress and helping maximize hose life unlike the harsh transition of small radius
roller designs.

Each rotor shoe's compression and the associated hose occlusion can be custom configured using shims to closely match the hose's compression with the
pump's operating pressure optimizing the trade off between hose compression
and hose life. This simple combination readily withstands the ingress of pumped
product on a hose burst unlike the complex bearing and seal arrangements used
by roller assemblies.

Options

ATEX versions
Hose burst monitoring
Hose connections for VF15
Hydraulic motors
Optional hygienic connections to standards including Tri-clamp and Dairy Pulsation dampers
Screw on sherardized (vapor galvanized) mating flanges for the VF100 and VF125. Special coatings for corrosion protection
Stainless steel Rotor shoes, base frame and fasteners
Vacuum installations to increase the suction power

Estimated delivery is 4 to 6 weeks

Verder Brochure

Verder Specs

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ADDITIONAL INFORMATION

Weight	1025 lbs
Dimensions	42 × 40 × 42 in