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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



**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



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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**

<u>Verder Brochure</u>

**Verder Specs** 



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## **ADDITIONAL INFORMATION**

Weight 1025 lbs

**Dimensions**  $42 \times 40 \times 42$  in