

Data Sheet

The CF-300 Hydraulic Pump is engineered to deliver exceptional performance and reliability in challenging operating conditions. Designed to manage hydraulic flows up to 27 GPM (6.1 m³/h) and withstand pressures reaching 2200 PSI (152 bar), this pump is suitable for diverse applications such as agriculture, industrial processes, marine systems, and OEM integrations.

Built from premium-grade materials, the CF-300 is offered in cast iron or bronze to accommodate different fluid types. All fasteners are stainless steel for superior corrosion resistance, ensuring long service life. Its dynamically balanced impellers enhance efficiency and reduce bearing wear, while the standard carbon/ceramic/Viton mechanical seal is self-adjusting and resistant to corrosion, providing dependable sealing across a wide range of liquids.

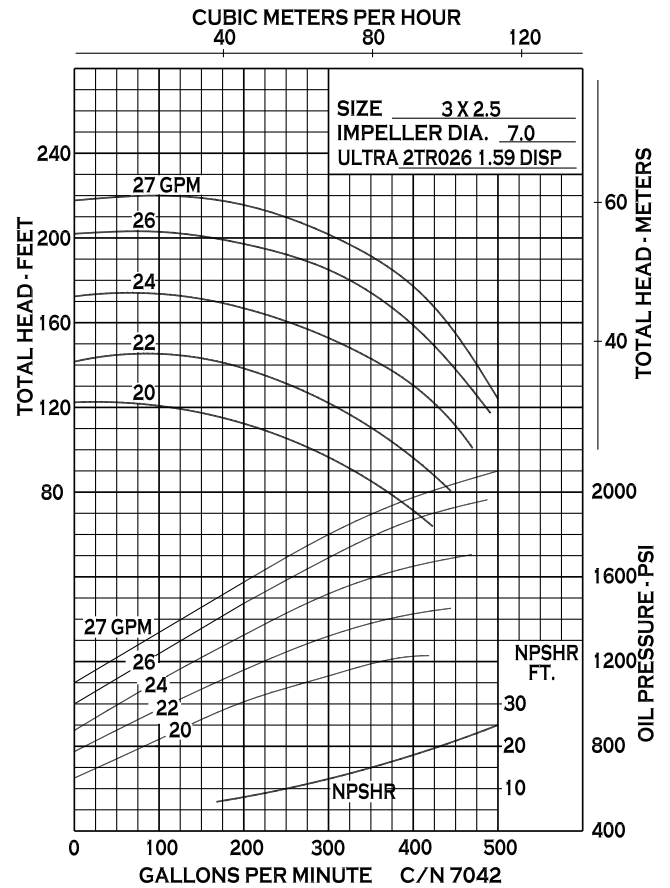
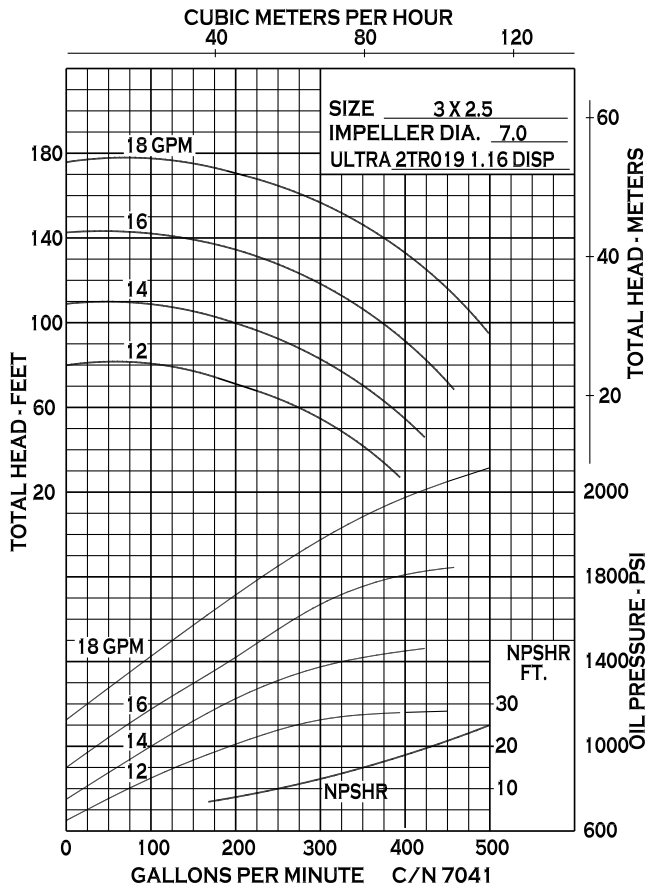
For flexibility, the pump supports two hydraulic motor configurations featuring gerotor motors with displacements of 1.16 in³ (19 cm³) or 1.59 in³ (26 cm³), allowing customization to meet specific flow requirements. With its rugged design and optimized efficiency, the CF-300 pump offers a reliable, low-maintenance solution for multiple sectors.



Technical Data

Suction / Discharge	3" x 2-1/2" 150# ANSI Flanges
Materials of Construction	Cast iron
Flow	Up to 520 GPM (118.1 m ³ /h)
Head Feet	Up to 220' (67 m)
Impeller	7" (177.8 mm) enclosed cast iron
Seal	Standard carbon / ceramic / Viton
Drive Options	Hydraulic motor 1.16 cu. in. (19 cm ³) Hydraulic motor 1.59 cu. in. (26 cm ³)
Max Solid Size	.47" (11.9 mm)
Hydraulic Fluid Flow	Up to 27 GPM (6.1 m ³ /h)
Options	Female spline shaft option (no hyd motor)
Hydraulic Motor	Gear
Hydraulic System Pressure	Up to 2200 PSI (151.6 bar)
PSI / bar	Up to 95 PSI / 6.6 bar

Performance Curves



Dimensions

S300PMP C:HYD 1.59 DISP 7.0 FM VD (MP27010)

