

Optional Accessories

- Automated Air Release Valve
- Discharge Check Valve
- Pump High-Temperature Shutdown Kit
- Volute Casing Heater
- Anti-Clog Kit
- Chopper Assemblies for stringy, straw-like material (3", 4" and 6" models)
- Suction & Discharge Gauge Kits
- Complete Replacement Rotating Assembly
- Pump Spare Parts Kit
- Pump Easy Drain Kit
- Custom Seal Options including: Flush Kits, Metal Bellows, Double and Chemical Duty Seals, and John Crane Type 9 Mechanical Seals (limited pump sizes)
- Optional Elastomers and Suction Flap Valve Materials (EPDM, Neoprene, AFLAS-TFE, Viton®*)

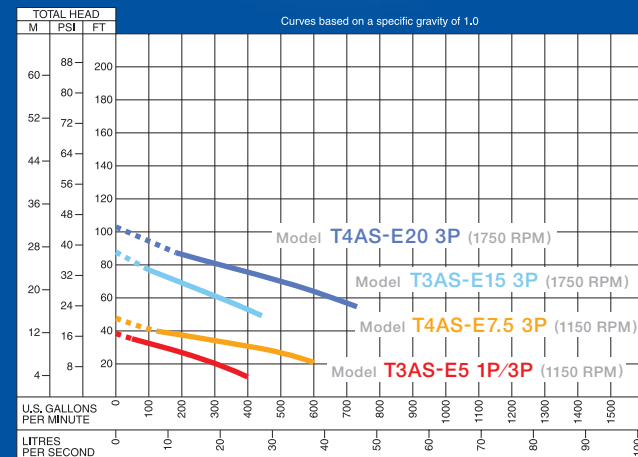
*Viton® is a registered trademark of Dupont-Dow Elastomers, LLC





Drive Variations

Gorman-Rupp Super T Series® pumps are available as basic units, close-coupled, flex-coupled, V-belt driven by an electric motor, or as part of a packaged pumping station.

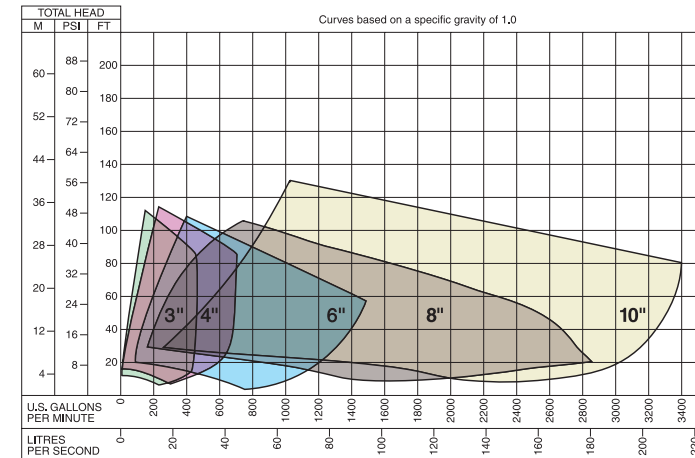
Composite of Performance Curves — Super T Series® Close-Coupled



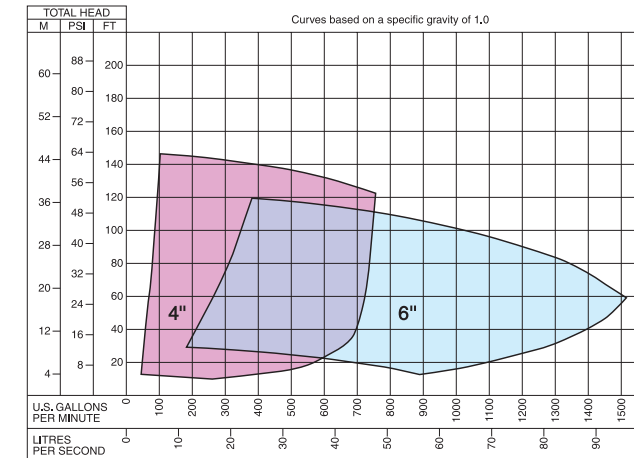
Sizes	Materials of Construction	Max. Capacity	Max. Head	Max. Solids
3", 4", 6", 8", 10" (75 mm, 100 mm, 150 mm, 200 mm, 250 mm)	Cast iron, 316 stainless steel fitted, CD4MCu, G-R hard iron fitted	3400 gpm (214.5 lps)	148' (45 m)	3" (75 mm)

				
3" Super T Series® Shown with optional flanges	4" Super T Series® Shown with optional flanges	6" Super T Series® Shown with optional flanges	8" Super T Series® Shown with optional discharge flange	10" Super T Series®

"A" Version



"B" Version — Limited Solids



Note: Consult factory for other performance conditions.

The Pump People™



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Printed in U.S.A.

Super

The Best

Self-Priming,

Solids Handling

Trash Pumps

Only from

Gorman-Rupp.



Super

Superior Solids Handling

Designed for economical, trouble-free operation, the superior solids handling capabilities of the Super T Series® pumps make them ideally suited for a variety of applications including solids-laden liquids and slurries. The large volute design allows automatic repriming in a completely open system without the need for suction or discharge check valves.

Available in discharge sizes of three, four, six, eight and ten inches, this line of self-priming pumps boasts capacities to 3400 gallons per minute and heads to 148 feet. Pumps four inch and larger are engineered to allow up to three-inch diameter spherical solids to pass through any critical area, including the recirculation port.

Super T Series® pumps are available in several configurations, including a "B" version for higher head applications, close-coupled or engine-driven models. All Gorman-Rupp Super T Series® pumps are backed by an industry-leading five-year manufacturer's warranty.

Easy to Maintain

Super T Series® pumps are designed with ease of service in mind. Because they are self-priming, they can be mounted above the liquid being pumped. Should service or maintenance be required, it can be easily performed using common hand tools without disconnecting piping. The impeller, seal, wear plate and flap valve can all be accessed through the shimless coverplate opening for inspection or service.*

All Super T Series® pumps can be coupled to a standard NEMA motor, which means there's no waiting for special motors.

*Not available on ten-inch models.



A Five-Year Warranty is Standard On All Super T Series® Pumps.

Solids Handling, Fast Service, Economical Operation.



External Shimless Adjustment Design Doubles the Life of the Impeller and Wearplate

The External Shimless Coverplate allows for easy adjustment of the clearance between the impeller and the wearplate. This process eliminates the need to realign belts, couplings or other drive components. In turn, the working height of the seal assembly and impeller back clearance are not disturbed. The unique collar and adjusting screw allow for incremental adjustments of the wearplate clearance.

Once adjustments have been made, the collar locks in place maintaining the clearance setting even if the coverplate is removed.

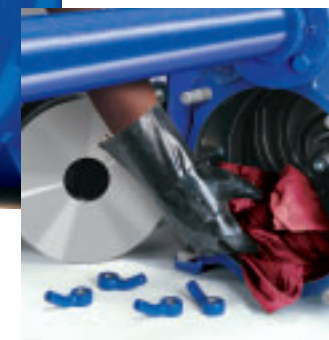
This design feature doubles the life of the impeller and wearplate while maintaining peak operating efficiency.

Easily Removable Coverplate

The removable coverplate with easy-grip handle and pusher bolt capability provides quick and easy access to the pump interior.



Not available on 10" models.



Solids Handling Impeller

Two-vane, semi-open solids handling impeller handles up to 3" (75 mm) diameter solids, depending on pump model. Pump out vanes on impeller shroud reduce foreign material buildup behind impeller and reduce pressure on seal and bearings.

(Multi-vane impellers are available in "B" hydraulics models for higher head applications with limited solids.)



Patented Gorman-Rupp Cartridge Seal

Exclusive double-floating, self-aligning, oil lubricated mechanical cartridge seal with stationary and rotating face of silicon carbide or tungsten titanium carbide is specifically designed for abrasive and/or trash handling service. Consult factory for additional seal configurations.



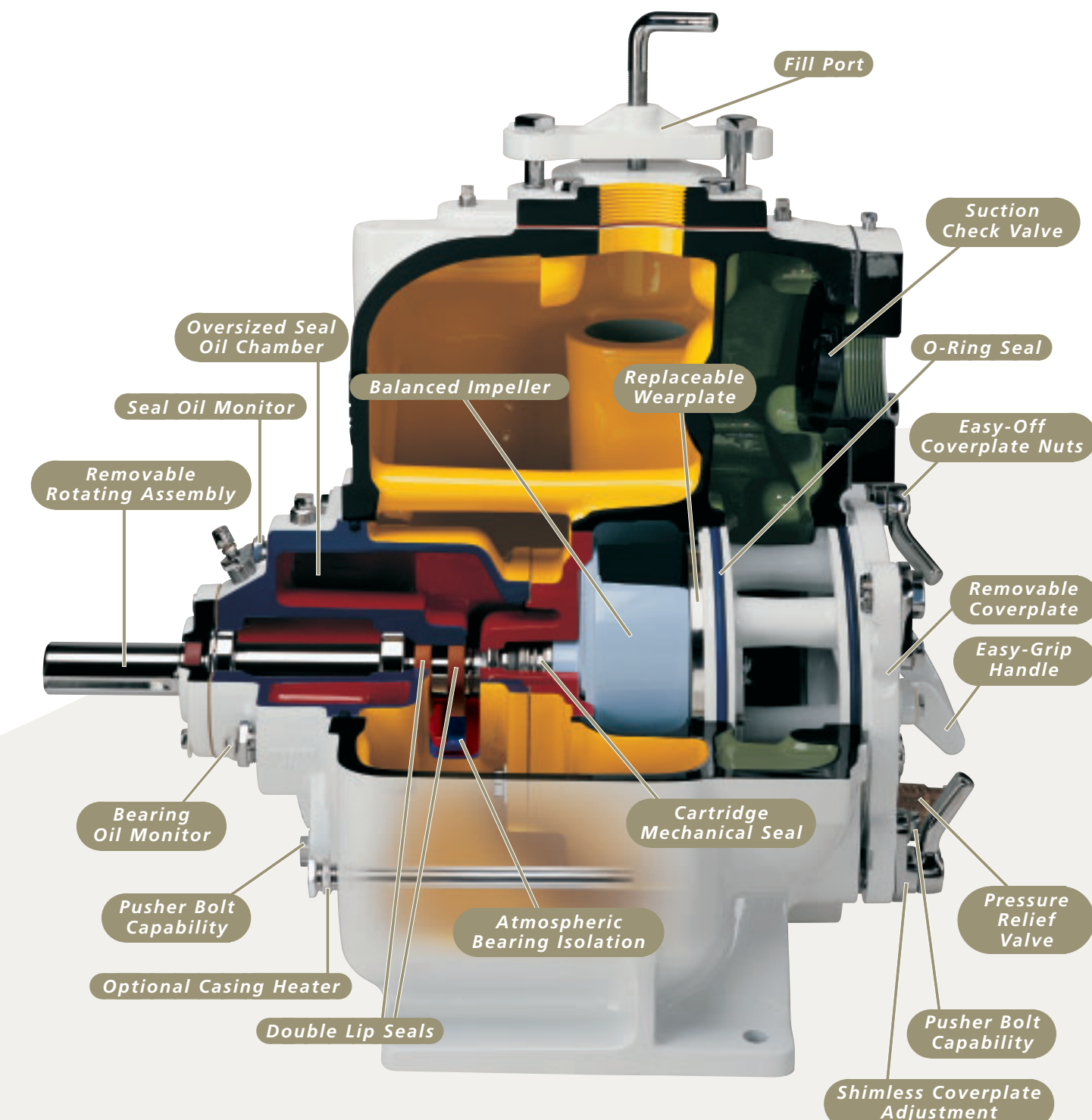
Removable Rotating Assembly

The entire rotating assembly can be removed without disturbing pump volute or piping. Pusher bolt holes are provided to assist with removal. A spare rotating assembly can be easily installed, resulting in less downtime.



Dual Protection of Bearings

Atmospheric barrier along with two lip seals provide additional protection of bearings. This unique design also allows external monitoring.



Fill Port

Suction Check Valve

O-Ring Seal

Easy-Off Coverplate Nuts

Removable Coverplate

Easy-Grip Handle

Pressure Relief Valve

Pusher Bolt Capability

Shimless Coverplate Adjustment

Oversized Seal Oil Chamber

Seal Oil Monitor

Removable Rotating Assembly

Balanced Impeller

Replaceable Wearplate

Bearing Oil Monitor

Pusher Bolt Capability

Optional Casing Heater

Double Lip Seals

Cartridge Mechanical Seal

Atmospheric Bearing Isolation