REMOVABLE ROTATING ASSEMBLY
Inspection of pump shaft or bearings is easily accomplished without disturbing pump casing or piping by removing rotating assembly. Simply remove four bolts from the back or front of the pump and the entire assembly slides out.

DUAL PROTECTION OF BEARINGS
Atmospheric isolation of seal cavity provides positive protection of the bearings. This unique design also provides capabilities for external monitoring.

THE RIGHT PUMP FOR THE JOB
Super U Series® pumps are the most efficient self-priming, solids-handling pumps available. Their unique volute casing design minimizes friction loss and drag. The multi-cage, open impeller is designed for high efficiency, yet can still handle solids up to 1-1/4” (31 mm) in diameter. Super U Series® pumps not only deliver high efficiencies up to 75%, they also perform efficiently across a broad operating range. Bearing loads, which cause a pump to operate left or right of its best efficiency point on the operating curve, self-adjust operating efficiency by only a very small percentage. The patented external shimless adjustment makes it easy to keep the pump in peak operating condition. Each size pump is available in two different design variations, “A” or “B” versions.

EASY TO SERVICE
Super U Series® pumps are designed with easy service in mind. Because they’re self-priming, they can be mounted high and dry above the liquid being pumped. If service or maintenance is required, it’s done quickly and easily with common hand tools. No need to “pull the pump” and waste hours or days of valuable man and machine time. Since there are no elongated shafts, a minimum of workspace is required. And, because all Super U Series® pumps can be coupled to a standard NEMA motor, there’s no waiting around for special motor parts.

THE MOST EFFICIENT SELF-PRIMING, SOLIDS-HANDLING PUMPS AVAILABLE
Up to 75% Efficiency
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All Super U Series® pumps come standard with a five-year warranty.

1. Handles up to 1-1/4” Solids
2. Suction Check Valve
3. Inner O-Ring Seal
4. Replaceable Wearplate
5. Impeller
6. Oversize Seal Oil Chamber
7. Seal Oil Monitor
8. Removable Rotating Assembly
9. Bearing Oil Monitor
10. Pusher Bolt Capability
11. Optional Casing Heater
12. Double Lip Seals
13. Atmospheric Bearing Isolation
14. Cartridge Mechanical Seal
15. Easy-Off Coverplate Nuts
16. Removable Coverplate
17. Easy-Grip Handle
18. Pressure Relief Valve
19. Pusher Bolt Capability
20. Shimless Coverplate Adjustment

* “B” version only.

** “B” version only.

**HIGH EFFICIENCY, FAST SERVICE, ECONOMICAL OPERATION**

**REMOVABLE ROTATING ASSEMBLY**

Inspection of pump shaft or bearings is easily accomplished without disturbing pump casing or piping by removing rotating assembly. Simply remove four bolts from the back or front** of the pump and the entire assembly slides out.

**DUAL PROTECTION OF BEARINGS**

Atmospheric isolation of seal cavity provides positive protection of the bearings. This unique design also provides capabilities for external monitoring.
Multi-vane, open impeller is designed for high efficiency. Constructed of ductile iron, the impeller will handle up to 1-1/4" (31 mm) diameter solids.

GORMAN-RUPP CARTRIDGE SEAL

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

REMOVABLE ROTATING ASSEMBLY

Inspection of pump shaft or bearings is easily accomplished without disconnecting piping or casing by removing rotating assembly. Simply remove four bolts from the back or front** of the pump and the entire assembly slides out.

DUAL PROTECTION OF BEARINGS

Atmospheric isolation of seal cavity provides positive protection of the bearings. This unique design also provides capabilities for external monitoring.

EASILY REMOVABLE COVERPLATE

If service is required, the removable coverplate with “easy-grip” handle and pusher bolt capability provides quick and easy access to the pump interior without disconnecting piping.** Clogs can be removed and the pump can be returned to service in minutes. Impeller, seal, replaceable wearplate and suction check valve* can also be accessed through the coverplate opening for inspection or service.

**6" models only.

*“B” version only.
Super U Series® pumps are available in 3", 4" and 6" discharge sizes. They are capable of handling spherical solids up to 1-1/4" in diameter. There are two different pump design variations to choose from, the "A" or "B" version (depending on installation requirements or performance needs).

"A" VERSION

Highest Efficiency
The "A" version provides more efficiency than the "B" version because the liquid enters directly into the impeller eye.

Removable Spool Flange
A vikuarc collar couples the suction extension to the removable coverplate for easy access to pump interior, should the pump need service.

"B" VERSION

The "B" version of the Super U Series® is dimensionally interchangeable (suction and discharge dimensions) with Gorman-Rupp Super T Series® pump models. A removable coverplate with easy-grip handle provides quick access to pump interior, should the pump need service.

DRIVE VARIATIONS

Gorman-Rupp Super U Series® pumps are available as basic units for connection to customers' power or they may be flex-coupled or belt-driven by an electric motor. When space is critical, belt-coupling often solves the "tight-fit" problem. V-belt drive offers the advantage of flexibility in speed selection and usually provides maximum operating speed for required head and capacity without the need to trim the impeller. Various belt and sheave configurations are available.

The 5-year savings generated when you install a Super U Series® high efficiency pump.
**SUPER U SERIES® SPECIFICATIONS**

<table>
<thead>
<tr>
<th>SIZES</th>
<th>MATERIALS OF CONSTRUCTION</th>
<th>MAX. CAPACITY</th>
<th>Max. Head</th>
<th>Max. Solids</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;, 4&quot;, 6&quot;</td>
<td>Cast iron, 316 stainless steel lined, CD4MCU, G-R Hard Iron lined</td>
<td>1500 gpm (95 lps)</td>
<td>207' (63 m)</td>
<td>1-1/4&quot; (31 mm)</td>
</tr>
</tbody>
</table>

**A VERSION**

3" Super U Series®

4" Super U Series®

6" Super U Series®

**B VERSION**

Note: Consult factory for other performance conditions.

MATERIALS OF CONSTRUCTION

- Cast iron
- 316 stainless steel lined
- CD4MCU
- G-R Hard Iron lined

MAX. CAPACITY

- 1500 gpm (95 lps)
- 207' (63 m)
- 1-1/4" (31 mm)

SIZES

- 3" (75 mm)
- 4" (100 mm)
- 6" (150 mm)

MATERIALS OF CONSTRUCTION

- Cast iron
- 316 stainless steel lined
- CD4MCU
- G-R Hard Iron lined

MAX. CAPACITY

- 1500 gpm (95 lps)
- 207' (63 m)
- 1-1/4" (31 mm)

SIZES

- 3" (75 mm)
- 4" (100 mm)
- 6" (150 mm)