

Viscous Products & Liquid Feed Pump Units

Use these Pump Units for Oils, Liquid Feeds and Other Viscous Products (Non-Abrasive) up to 100,000 SSU.



F12C

F12C Pump Unit is designed to handle viscous products and liquid feeds at about 10 GPM using a Roper 2835 Rotary Gear Pump and 1-1/2 HP TEFC motor. (Meters are *not* suitable for use with certain liquid feed products, or other liquids which contain gritty or abrasive materials in suspension).

The unit is supplied assembled as shown with 110/220 volt TEFC motor, 1" x 12' hose assembly and dispensing nozzle. 2835 PUMP has a 1/2" keyed shaft and 1-1/2" FPT ports.

| 2835 PERFORMANCE | | 1800 RPM | | | | 1200 RPM | | | |
|------------------|-----|----------|------|--------|---------|----------|------|--------|---------|
| PSI | SSU | 100 | 1000 | 10,000 | 100,000 | 100 | 1000 | 10,000 | 100,000 |
| 25 | GPM | 11 | 11.4 | 11.5 | 11.5 | 7.2 | 7.5 | 7.6 | 7.6 |
| | HP | .28 | .40 | .63 | 1.18 | .15 | .22 | .32 | .57 |
| 75 | GPM | 10 | 11.2 | 11.3 | 11.4 | 6.1 | 7.3 | 7.4 | 7.5 |
| | HP | .60 | .72 | .95 | 1.5 | .39 | .46 | .56 | .81 |



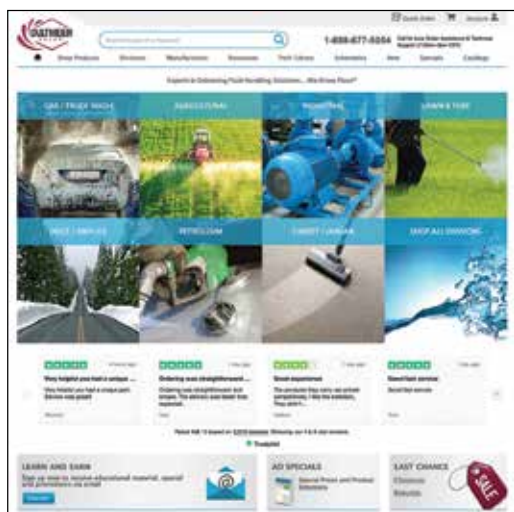
2835

Roper's 2835 rotary pump is designed for use in the pumping of viscous products and molasses base feed supplements. Capacities range up to 11 GPM at 1800 RPM. Teflon-Viton® lip seal is standard.

| Part No. | COMPLETE UNITS (As Shown) | Wt. |
|----------|--|---------|
| DU F12C | With 115/230 -Volt 1-Phase Motor | 82 lbs. |
| DU F12C3 | With 230/460 -Volt 3-Phase Motor | 82 lbs. |

| Part No. | PUMP & MOTOR UNIT ONLY (LESS Hose, Nozzle & Meter) | Wt. |
|----------|--|---------|
| DU F10 | With 115/230-Volt 1-Phase Motor | 72 lbs. |
| DU F10-3 | With 230/460-Volt 3-Phase Motor | 68 lbs. |

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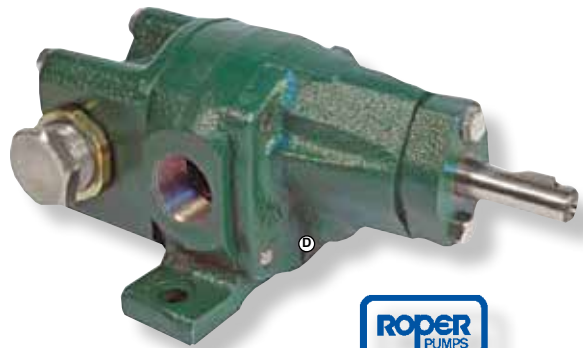
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Series A Gear Pumps

For Pressures to 300 PSI

General Purpose Gear Pumps for a wide variety of applications including pressure lubrication, hydraulic service, fuel supply and more.



- Can Be Run at Standard Motor Speeds (for liquids with low or medium viscosities to 5,000 SSU). 10,000 SSU maximum viscosity.
- Models Shown Below Include Adjustable Relief Valves (126 - 300 PSI) and base "feet".
- CI Housings, Hardened Steel Gears and Drive Shafts, Bronze Bearings and Steel Idler Shafts.
- Standard with Viton® Mechanical Seals.
- Also, Available with TEFC or Explosion-Proof Motors (Long-Coupled - Call with Requirements).

| Part No. | Flowrate @ Max. RPM | Maximum Pressure | * HP Req'd | Ports | Wt. |
|-----------|----------------------|------------------|------------|-------|---------|
| RR 18AM01 | 3.2 GPM @ 3600 RPM | 300 PSI | 1.5 HP | 3/8" | 6 lbs. |
| RR 18AM02 | 6.6 GPM @ 3600 RPM | 300 PSI | 3 HP | 3/8" | 8 lbs. |
| RR 2AM03 | 10.0 GPM @ 3600 RPM | 300 PSI | 3 HP | 3/4" | 11 lbs. |
| RR 2AM03B | †10.0 GPM @ 3600 RPM | 300 PSI | 3 HP | 3/4" | 8 lbs. |

* Maximum HP Shown is at 300 PSI and 3600 RPM; Running with 1800 RPM Motors will Reduce Flowrate by 1/2 & HP Required by 1/2.

† "B" Denotes Buna Mechanical Seal.



Series A Gear Pumps

For Pressures to 100 PSI

These Series A Gear Pumps include the same features as above but with 0-100 PSI relief valves, ductile iron gears and Buna mechanical seals (Viton® seals available). Maximum 1800 RPM. Weight is 35 lbs.

| Part No. | Flowrate @ Max. RPM | Maximum Pressure | * HP Req'd | Ports |
|-----------|---------------------|------------------|------------|--------|
| RR 2AM08B | 15 GPM @ 1800 RPM | 100 PSI | 3 HP | 1-1/4" |
| RR 2AM12B | 22 GPM @ 1800 RPM | 100 PSI | 5 HP | 1-1/4" |

Note: Maximum HP Shown is at 100PSI and 1800 RPM.

Many Other Series A Models Are Available
Call with Your Flow Rate & Pressure Requirements.

FREE FREIGHT
On Orders \$2000 Or More
* See Inside Back Cover for Exclusions

