



FILL-RITE®

A GORMAN-RUPP COMPANY

FR700V SERIES TECHNICAL SPECIFICATIONS

Motor

| | |
|----------------------------------|---------|
| Power - AC 115, 230, 115/230 | 115 |
| HZ 50, 60, 50/60 | 60 |
| Power - DC 12, 24, 12/24 | None |
| HP (horsepower) rating | 1/3 |
| Power cord length | None |
| Power cord gauge | None |
| Power cord DC battery connectors | None |
| Amps (FLA) | 5.5 |
| RPM | 1725 |
| Duty cycle | 30 min. |
| Thermal protection switch | Y |
| Circuit protection fuse | None |
| Certification | UL, cUL |

| SKU/Kit # | Small Pump Kits | Consists of: |
|-----------|-----------------|--|
| KIT700BD | Bio-Diesel | Special Shaft Seal Assembly, Gasket, Inlet Gasket, Bypass O-ring |
| KIT700BV | Bypass | Poppet, Spring, O-ring, Cap |
| KIT700CV | Check Valve | Bypass Valve, Ring, Gaskets, Spring, Check Valve Body |
| KIT700SL | Shaft Seal | 8 Piece Assembly |
| KIT700RG | Rotary Group | Rotor, 8 Vanes, Rotor Key, Gasket, Rotor Cover, 4 Screws |
| KIT700BG | Inlet | Inlet, 4 Screws, J-Box Cover, Label, Gasket, 4 Screws |
| KIT700OT | Screen & Gasket | Screen, Gasket |
| KIT700NB | Nozzle Boot | Nozzle Boot, 2 Screws, (Small Pumps and 700 Series Pumps) |
| KIT700SG | Screen & Gasket | Strainer, Gasket, Strainer Cover |
| KIT700SW | Switch Lever | Switch Lever, Nut |

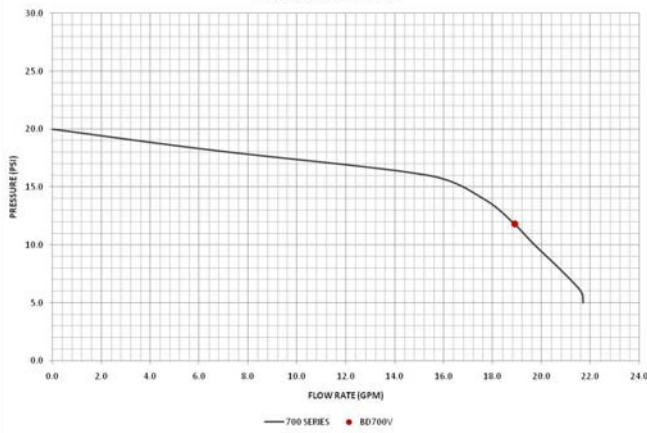
Pump

| | |
|---|---|
| Type - rotary, diaphragm, gear, vane | Rotary vane |
| GPM in supplied configuration | 18.1 |
| GPM open flow - no hose or nozzle | 21.4 |
| By-pass pressure rating (psi) - Max | 23 |
| Dry vac (in Hg) | 12 |
| Head- Max | 53.13 |
| Anti-siphon valve | Anti-siphon Ready |
| Inlet - Size / Thread | 1 ¼" |
| Outlet - Size / Thread | NPT |
| Mount | Bung (NPT) |
| Materials of construction - pump housing | Cast Iron |
| Materials of construction - wetted material | Buna |
| Rotor materials of construction | 80% Iron / 20% Copper |
| Rotor vane material of construction | Carbon |
| Compatible fluids | Diesel, Gasoline, Bio-Diesel up to B20, E15, Kerosene |
| Strainer mesh size | 40 x 40 x .010" |
| Warranty | 2 Years |

Accessories

| | |
|-------------------------------------|----------------------|
| Suction pipe material | None |
| Suction pipe length | None |
| Nozzle size | ¾" |
| Nozzle - manual / automatic | Manual |
| Hose liquid materials compatibility | Black Nitrile Rubber |
| Hose diameter | ¾" |
| Hose length | 12' |
| Hose static wire (Y/N) | Y |

700 SERIES
PERFORMANCE CURVE



Logistics

| | |
|-----------------------------------|-----------------|
| UPC | 0-89404-00638-2 |
| Freight Class of Product (# Only) | 85 |
| Length | 17 |
| Width | 15 |
| Height | 15 |