

ACDEU



VARIOUS PATENTS APPLY

Diesel Engine Driven Priming Assisted Centrifugal Pump w/Autostart Model PAV3B60C-3TNV70 Size 3" x 3"



| Total Head | | Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance | | | |
|---------------------|------|---|------------|------------|------------|
| P.S.I. | Feet | | | | |
| 55.5 | 128 | 50 | 50 | 50 | 50 |
| 52.0 | 120 | 116 | 126 | 130 | 130 |
| 47.7 | 110 | 146 | 177 | 198 | 200 |
| 43.4 | 100 | 170 | 210 | 235 | 245 |
| 39.0 | 90 | 185 | 234 | 260 | 274 |
| 34.7 | 80 | 195 | 248 | 284 | 301 |
| 30.3 | 70 | 205 | 259 | 300 | 325 |
| 26.0 | 60 | 210 | 267 | 317 | 348 |
| 21.7 | 50 | 213 | 275 | 330 | 365 |
| 17.3 | 40 | 216 | 281 | 334 | 379 |
| 13.0 | 30 | 220 | 268 | 345 | 390 |
| Suction Lift | | 25' | 20' | 15' | 10' |



PUMP SPECIFICATIONS

Size: 3" x 3" (76,2 mm x 76,2 mm) Flanged.

Casing: Gray Iron 30.

Maximum Operating Pressure 88 psi (607 kPa).*

"Staggerwing®" Four Vane Vortex Impeller: Ductile Iron 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Bearing Housing: Gray Iron 30.

Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*

Shaft Sleeve: Alloy Steel 4130.

Priming Chamber: Gray Iron 30 Housing w/Stainless Steel Float and Linkage.

Flap Valve: Neoprene w/Nylon and Steel Reinforcing.

Removable Cleanout Cover Plate: Gray Iron 30.

Thrust and Radial Bearings: Open Single Row Ball.

Bearing Lubrication: SAE #30 Non-Detergent Oil.

Flanges: Gray Iron 30.

Gaskets: Vegetable and Compressed Synthetic Fibers.

O-Rings: Fluorocarbon (DuPont Viton® or Equivalent) and Buna-N.

Hardware: Standard Plated Steel.

Bearing and Seal Oil Sight Gauge.

**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

Standard Equipment: Belt-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Single Ball Type Float Switch.**

Optional Equipment: Battery. High Speed (55 MPH/89 KM/H) Wheel Kit with 5.3 x 12" Pneumatic Tires. 3" NPT Flange Kit. Metric Flanges

***50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.*



ENGINE SPECIFICATIONS

Model: Yanmar 3TNV70.

Type: Three Cylinder, Four Cycle, Liquid Cooled Diesel Engine.

Displacement: 52 Cu. In. (.854 Liters).

Governor: Electronic Isochronous.

Lubrication: Forced Circulation.

Air Cleaner: Dry Type.

Oil Reservoir: 1.8 U.S. Quart (1.7 Liters) Refill.

Fuel Tank: 28 U.S. Gallons (106 Liters).

Full Load Operating Time: 24 Hrs.

Starter: 12V Electric.

Standard Features: Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Manual/Stop/Auto Key Switch, 10 Amp Pushbutton Circuit Breaker, Startup Warning Delay. Muffler w/Weather Cap. Throttle Control.

YANMAR PUBLISHED PERFORMANCE:

Maximum Net Industrial B.H.P.
21.9 (16.3 kW) @ 3600 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

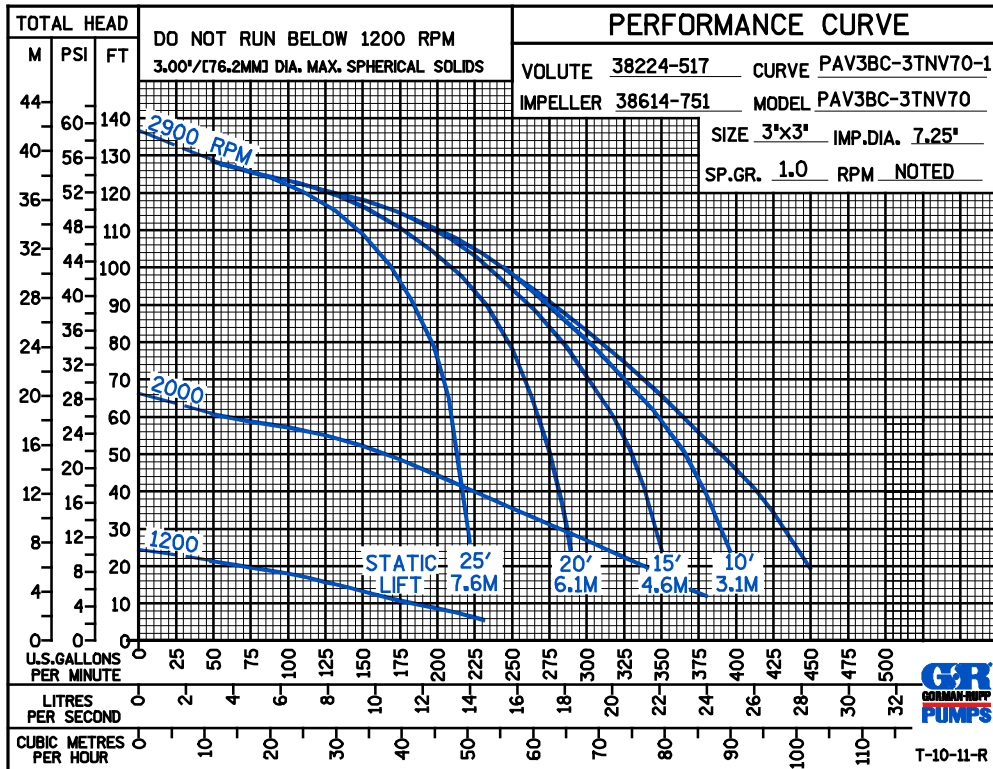
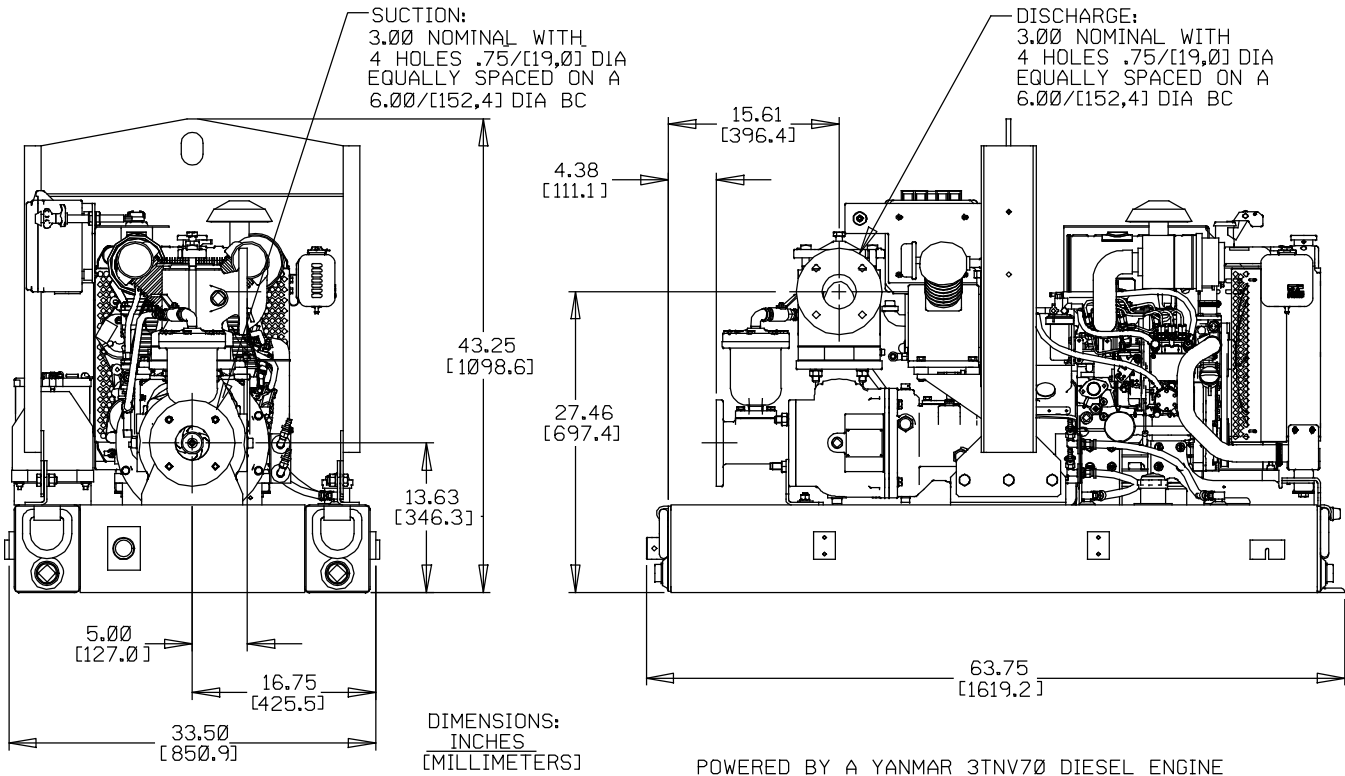
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Specification Data

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APPROXIMATE
DIMENSIONS and WEIGHTS

SKID BASE
NET WEIGHT: 1160 LBS. (526,2 KGS.) 2-WHEEL 1345 LBS. (610 KGS.)
SHIPPING WEIGHT: 1360 LBS. (616,9 KGS.) 1345 LBS. (610 KGS.)
EXPORT CRATE SIZE: 78 CU. FT. (2,2 CU. M.)



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