



An Ingersoll Rand Business



PETROLEUM 80

1-1/2" x 1-1/4" End Suction Centrifugal Pump

The Petroleum 80 End Suction Centrifugal Pump is a robust, high-efficiency solution designed for transferring petroleum-based liquids with outstanding reliability and performance.

This series includes three models – SO 80, SG 80, and SE 80 – each tailored to meet the requirements of different operational environments.

Engineered for compatibility with 56C and 145TC frame electric motors, the Petroleum 80 line offers flexible installation options such as pedestal mounts and PumPAKs® assemblies.

Additionally, the pump can be rotated in 90-degree increments, ensuring maximum adaptability and optimal functionality across a wide range of applications.

The Petroleum 80 Pump is available in three distinct models: SE, SG and SO:

Model SE Pumps - Compatible For Ethanol & E 85

Model SG Pumps - Compatible For Gasoline, Kerosene, Avgas & Jet Fuel

Model SO Pumps - Compatible For BioDiesel, Fuel Oil & Diesel

SPECIFICATIONS:

Suction / Discharge	1-1/2" x 1-1/4" 150# flange
Flow	Up to 80 GPM (18.2 m ³ /h)
Head Feet	Up to 139' (42 m)
Impeller	SE 80 - enclosed cast iron SG 80 - enclosed aluminum SO 80 - enclosed cast iron
Motor	Up to 3 HP (2.2 kW)
Drive Options	Close coupled 56C Close coupled 145TC Hydraulic motor .37 cu. in. (6.1 cm ³) Pedestal PumPAK® (without motor)
Seal	SE 80 - Type 2 viton/carbon/silicon carbide/SS SG 80 - Type 2 viton/carbon/silicon carbide/SS SO 80 - Type 21 viton/carbon/niresist/SS
Mounting Options	SE 80 - Explosion proof Class 1 Group D SG 80 - Explosion proof Class 1 Group D SO 80 - TEFC
Compatible For	SE 80 - Ethanol, E 85 SG 80 - Gasoline, Avgas, Jet A/8 SO 80 - Biodiesel, Fuel Oil, Diesel

Features

- Non-spark clamp

Application:

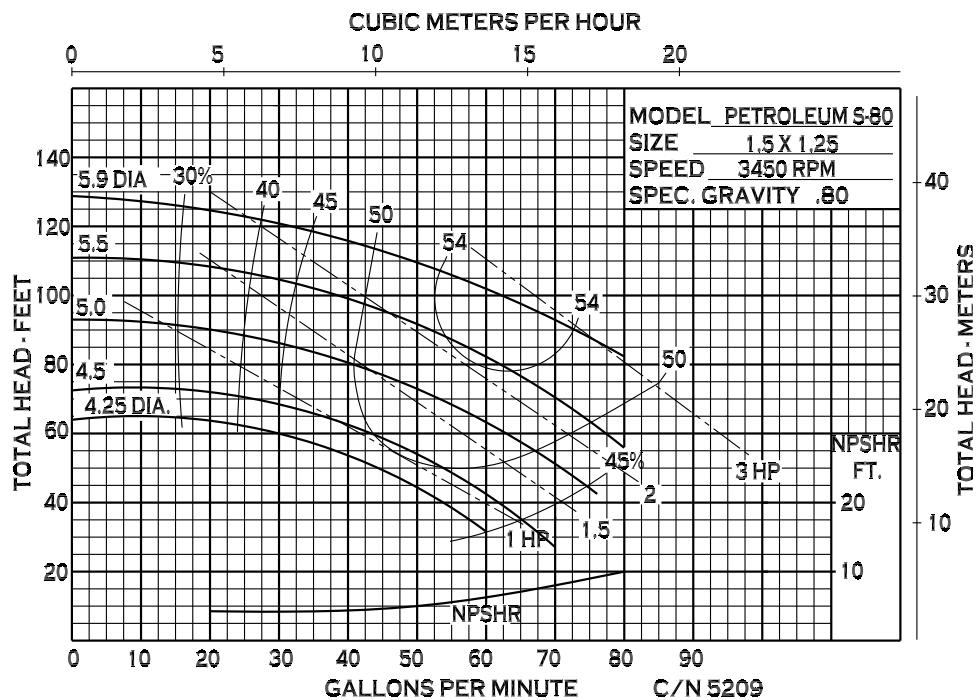
- Agricultural
- Industrial
- Marine
- OEM



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PERFORMANCE CURVES



12500 South Pulaski Road
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Phone (800) 563-8006

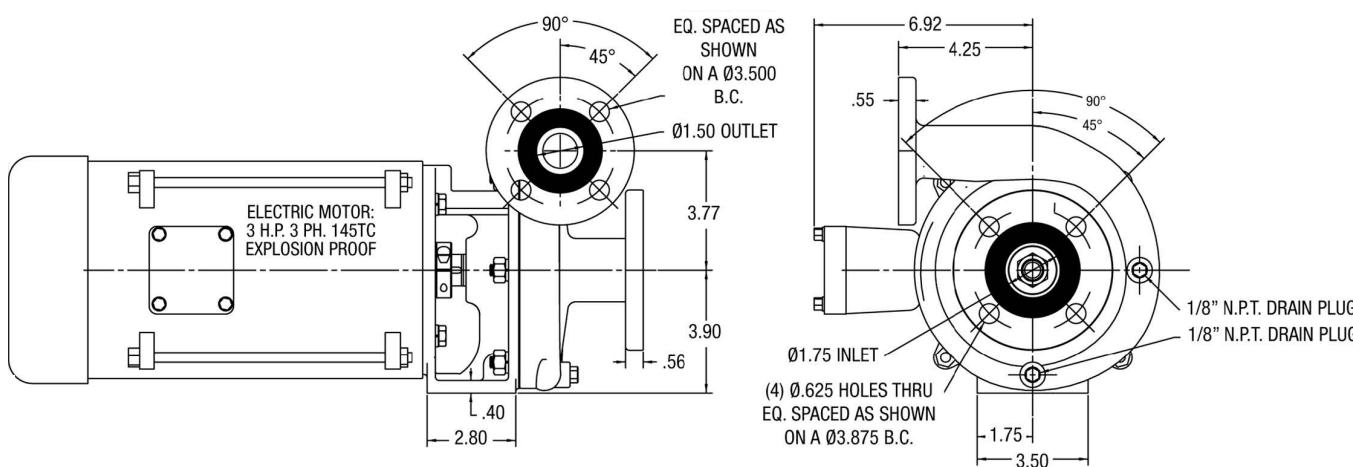
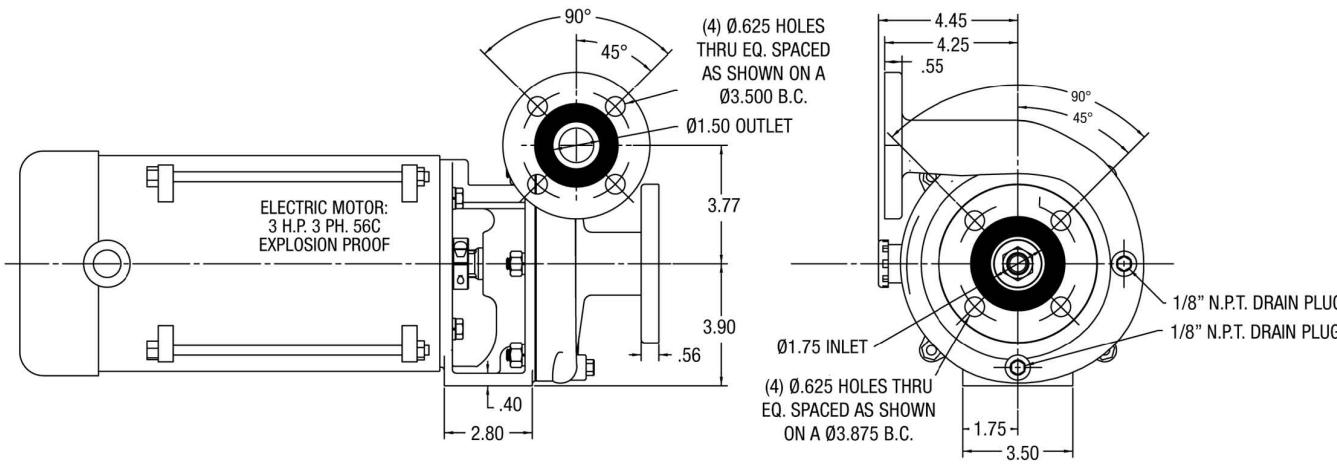


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DIMENSIONS

CLOSE COUPLED - ELECTRIC MOTOR



* For complete parts lists and troubleshooting guidance, please refer to the MP Pumps Installation Operation & Maintenance (IOM) Manual.

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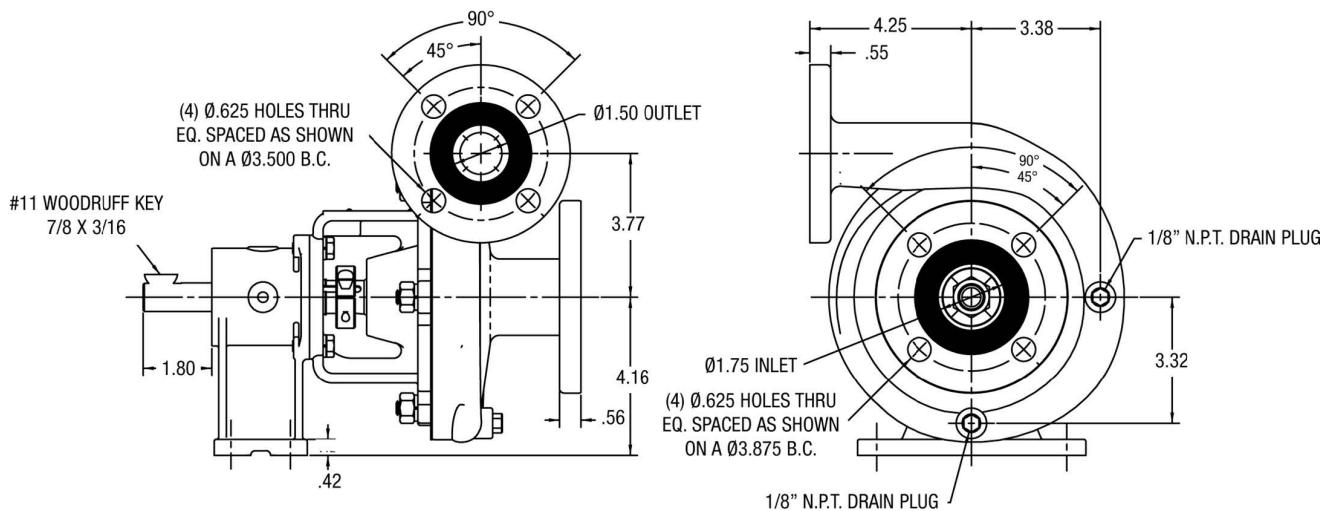


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DIMENSIONS

PEDESTAL - MOUNT



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