



An Ingersoll Rand Business



# PETROLEUM 180

## 3" x 1-1/2" End Suction Centrifugal Pump

The Petroleum 180 End Suction Centrifugal Pump is engineered for superior performance in transferring petroleum-based liquids, ensuring both efficiency and reliability in demanding applications.

These pumps are configured for close coupling with 215JP frame electric motors and offer versatile mounting options, including pedestal setups, diesel engine drives, and hydraulic drives. The pump orientation can be rotated in 90° increments, allowing flexible installation.

The Petroleum 180 series delivers robust capabilities, achieving flow rates up to 320 GPM (72.67 m<sup>3</sup>/h) and heads reaching 160 feet (49 m). Its enclosed impellers are built for durability: cast iron for the SE 180 and SO 180 models, and aluminum for the SG 180. With support for motors up to 15 HP (11 kW), these pumps are ideal for heavy-duty operations.

The Petroleum 180 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:

|                            |   |
|----------------------------|---|
| <b>Suction / Discharge</b> | 3" x 1-1/2" 150# flange   |
| <b>Flow</b>                | Up to 320 GPM (72.67 m <sup>3</sup> /h)   |
| <b>Head Feet</b>           | Up to 160' (49 m)   |
| <b>Impeller</b>            | SE 180 - enclosed cast iron<br>SG 180 - enclosed aluminum<br>SO 180 - enclosed cast iron  |
| <b>Motor</b>               | Up to 15 HP (11 kW)   |
| <b>Drive Options</b>       | Close coupled 215JP<br>Pedestal<br>PumPAK® (without motor)  |
| <b>Seal</b>                | SE 180 - Type 2 Viton/Carbon/Silicon/Carbide/SS<br>SG 180 - Type 2 Viton/Carbon/Silicon Carbide/SS<br>SO 180 - Type 21 Viton/Carbon/NiResist/SS |
| <b>Mounting Options</b>    | SE 180 - Explosion proof Class 1 Group D<br>SG 180 - Explosion Proof Class 1 Group D<br>SO 180 - TEFC   |
| <b>Compatible For</b>      | SE 180 - Ethanol, E 85<br>SG 180 - Gasoline, Avgas, Kerosene, Jet A/8<br>SO 180 - Biodiesel, Fuel Oil, Diesel                                   |

### Features

- Non-spark clamp

### Application:

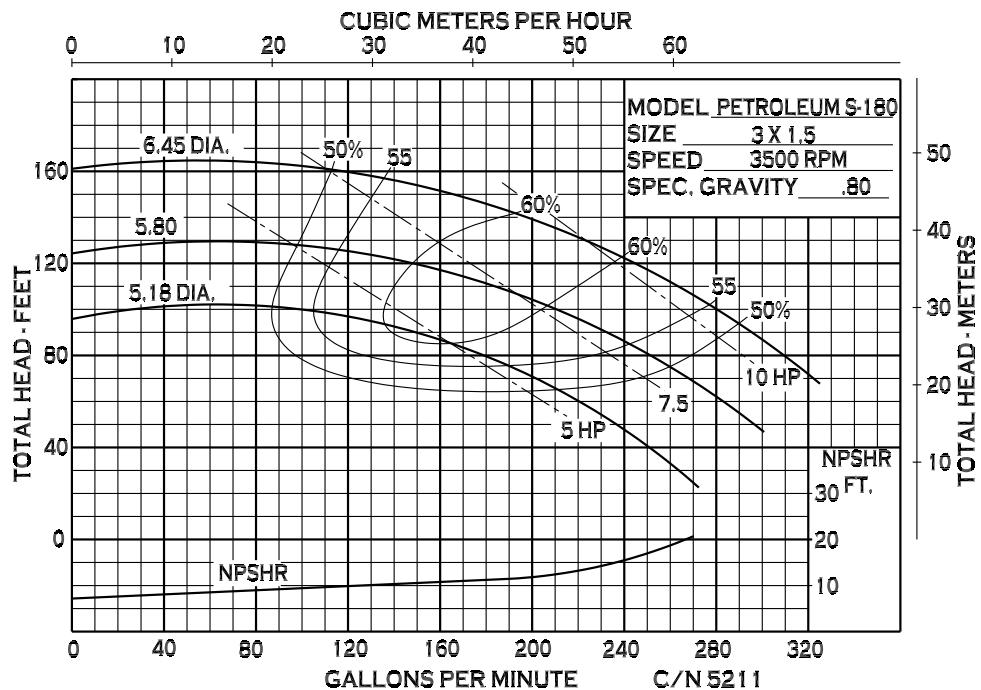
- Agricultural
- Industrial
- Marine
- OEM



An Ingersoll Rand Business

# PETROLEUM 180

## PERFORMANCE CURVES



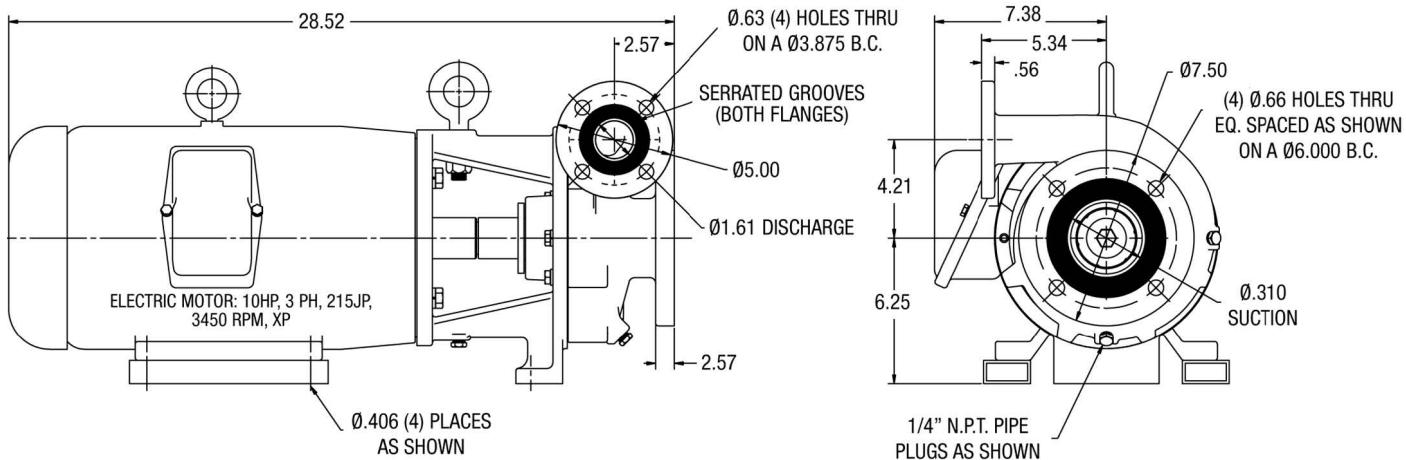


An Ingersoll Rand Business

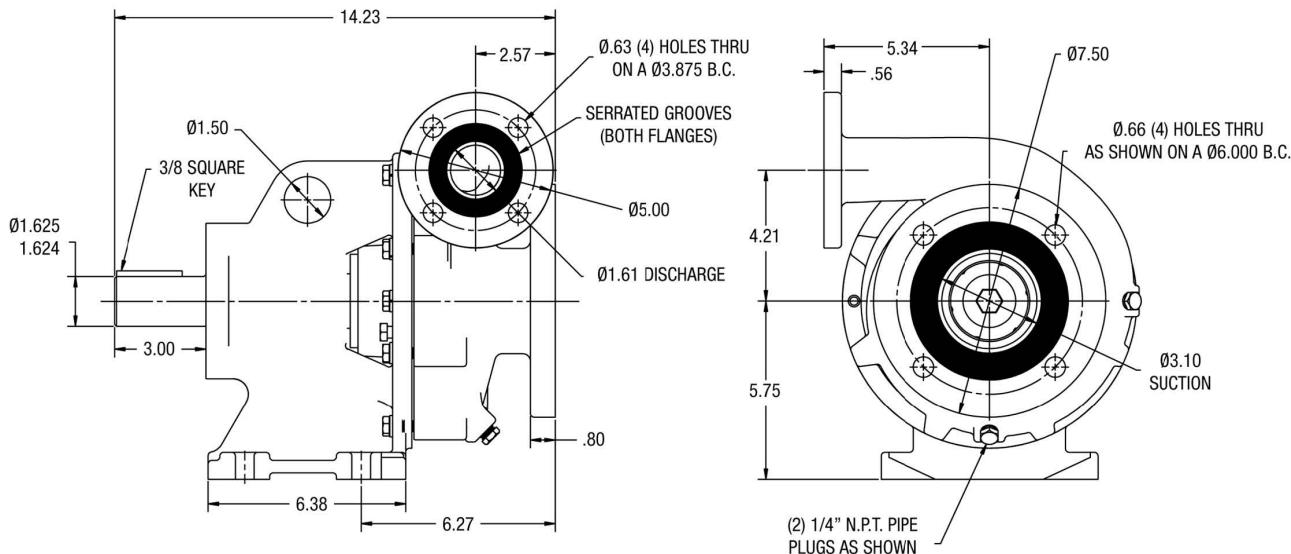
# PETROLEUM 180

## DIMENSIONS

### CLOSE COUPLED - ELECTRIC MOTOR



### PEDESTAL - MOUNT



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