



## WATER SYSTEMS DIVERTRON

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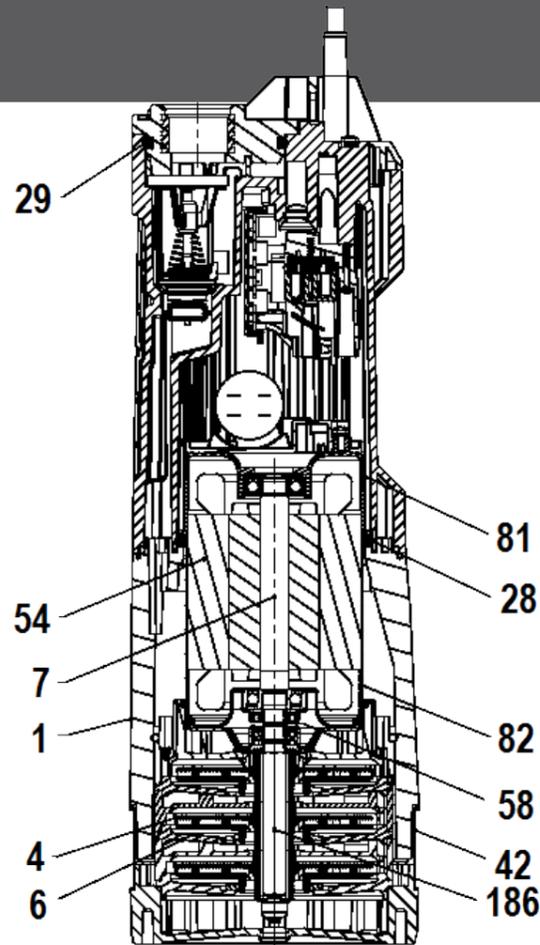
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# DIVERTRON

# HYDRAULIC DATA



### TECHNICAL DATA

#### CONSTRUCTION

| No. | Description           | Material           |
|-----|-----------------------|--------------------|
| 1   | Pump Body             | PP OMO 30% FVAC    |
| 4   | Impeller              | PPO/PPE 20% FV     |
| 6   | Diffuser              | PPO/PPE 20% FV     |
| 7   | Rotor Shaft           | INOX AISI 416      |
| 28  | O Ring                | NBR 70             |
| 29  | O Ring                | NBR 70             |
| 42  | Pump Inlet            | INOX AISI 316      |
| 54  | Motor Casing          | fe PO1 0.65mm      |
| 58  | Ceramic Bush          | INOX AISI 416      |
| 81  | Upper Bearing Support | Cast Aluminum      |
| 82  | Lower Bearing Support | Cast Aluminum      |
| 186 | Pump Shaft            | Hexagonal AISI 303 |

### APPLICATIONS

#### Electronic Multi-stage Submersible Pumps

Available with 3 or 4 impellers. Suitable to pump clear water. Manufactured with anti-corrosive and rust-proof materials. Motor with thermic overload protection. Wear resistant shaft. Anti-debris stainless steel strainer. CSA and UL approved.

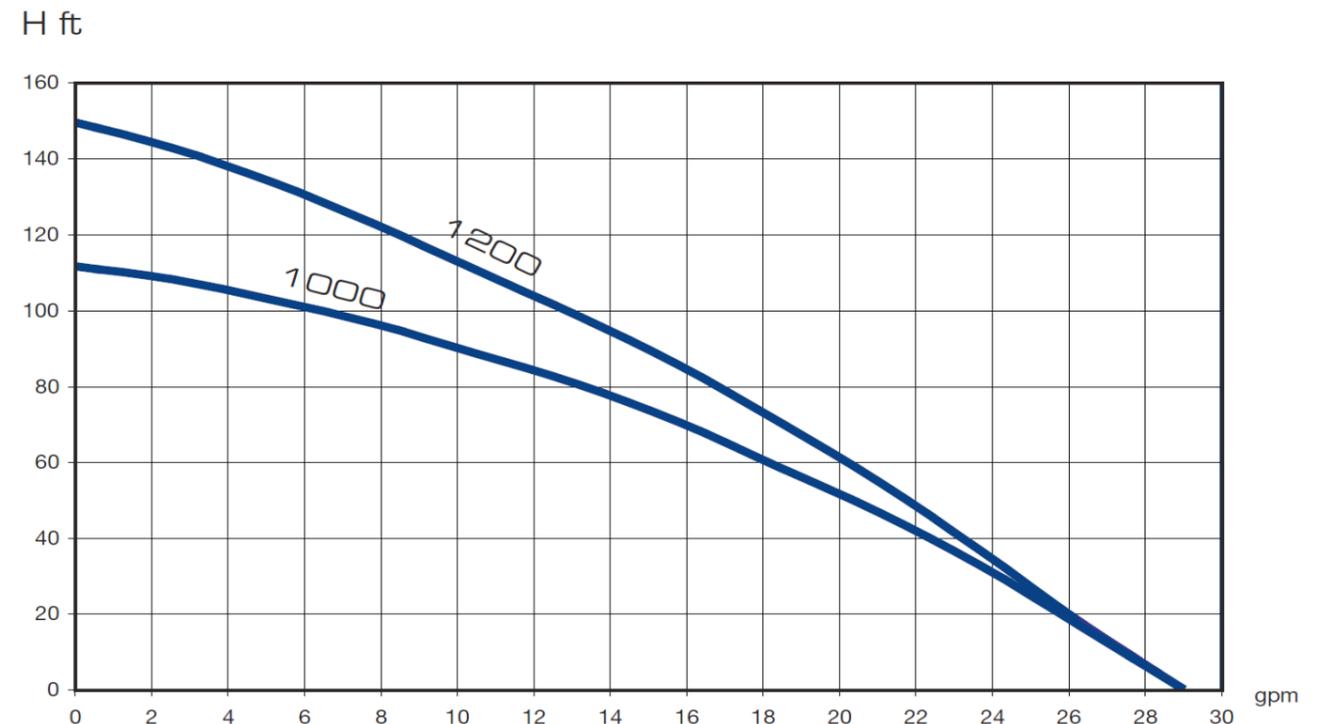
The excellent cooling of the motor that enables the pump to operate even when it is partially submerged. Starts & stops by sensing the flow and pressure in the system. Supplied with power cable with plug, non return valve and 4-step fitting.

- ideal for
- rain water systems
  - operating sprinklers
  - pumping water from tanks & cisterns,
  - pumping water from ponds and wells
  - other applications that require high pressure

### ELECTRICAL DATA

| Model            | HP  | Watts | Volts | Frequency | Amps | Max Flow | Max Head | Impellers | Max PSI |
|------------------|-----|-------|-------|-----------|------|----------|----------|-----------|---------|
| DIVERTRON 1000   | 3/4 | 900   | 115   | 60 Hz     | 8.4  | 29 gpm   | 111 ft   | 3         | 52      |
| DIVERTRON 1200   | 1   | 1100  | 115   | 60 Hz     | 9.8  |          | 149 ft   | 4         | 64      |
| DIVERTRON 1200-X |     |       |       |           |      |          |          |           |         |

### PERFORMANCE DATA



### TECHNICAL DATA

#### DIMENSIONS

| Model        | DIVERTRON 1000 | DIVERTRON 1200 | DIVERTRON 1200X |
|--------------|----------------|----------------|-----------------|
| H            | 17.7"          | 18.9"          | 18.9"           |
| A            | 5.9"           | 5.9"           | 5.9"            |
| ØB           | 1" NPT         | 1" NPT         | 1" NPT          |
| Weight (lbs) | 24             | 25             | 25              |
| Pallet Qty   | 40             | 40             | 40              |
| Cable length | 48 ft          | 48 ft          | 48 ft           |

