3MV impact™

SUBMERSIBLE 3" SEWAGE PUMP - CURVES
6.5-9.5 HP SINGLE PHASE AND 4.4-5.5 HP SINGLE PHASE
6.5 - 9.5 HP Single Phase

3MV Impact 1Ø Composite Curve

**POWER (ELECTRIC)**
ISO-Curves: Overall Efficiency (%)

**HEAD**
ISO-Curves: Pump Efficiency (%)

**NOTE:** Curves show performance with clear cold water.

- **B = 5.43”**
- **D = 4.84”**
- **C = 5.12”**
3MV Impact 1Ø

**POWER**

- Units: [hp]
- Graph shows performance with clear cold water.

**HEAD**

- Units: [ft]
- Graph shows performance with clear cold water.

**FLOW**

- Units: U.S. GPM

**NOTE:**
- Curves show performance with clear cold water.
- *: Pump efficiency / shaft power
- O: Overall efficiency / input power
NOTE: Curves show performance with clear cold water.

*: Pump efficiency / shaft power

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4.4 - 5.5 HP Single Phase

3MV Impact 1Ø Composite Curve

**POWER (ELECTRIC)**

ISO-Curves: Overall Efficiency (%)

Head and flow rates are shown on the graph. The curves indicate performance with clear cold water.

**NOTE:** Curves show performance with clear cold water.

**G** = 4.29"

**H** = 3.98"
**3MV Impact 1Ø**

### POWER

- **[hp]**
- 2.7
- 3.4
- 4.0
- 4.7
- 5.4
- 6.1
- 6.7

### HEAD

- **[ft]**
- 34.2
- 30
- 26.7
- 23.1
- 19.5
- 16
- 12

### FLOW

- **[U.S. GPM]**
- 0
- 50
- 100
- 150
- 200
- 250
- 300

**NOTE:** Curves show performance with clear cold water.

*: Pump efficiency / shaft power

O: Overall efficiency / input power
**NOTE:** Curves show performance with clear cold water.

*: Pump efficiency / shaft power

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