

# MYERS® MWS9 Series

Cast Iron Submersible Sewage Pumps

**MWS9 Series: 2" NPT Discharge**

**MWS39 Series: 3" NPT Discharge**

## SPECIFICATIONS

|                          |                                                                                                                                                                                                                                                               |                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Applications             | Sewage and Wastewater Removal and Transfer, Sump Drainage                                                                                                                                                                                                     |                                         |
| Capacities               | 235 GPM                                                                                                                                                                                                                                                       | 889 LPM                                 |
| Shut-off head            | 54'                                                                                                                                                                                                                                                           | 16.5 m                                  |
| Operation:<br>Tethered:  | Automatic Float Switch or Non-Automatic (manual) model available.                                                                                                                                                                                             |                                         |
| Solids handling          | 2"                                                                                                                                                                                                                                                            | 50.8 mm                                 |
| Intermittent liquid temp | 130°F                                                                                                                                                                                                                                                         | 55°C                                    |
| Min. Basin Diameter      |                                                                                                                                                                                                                                                               |                                         |
| Simplex:                 | 18"                                                                                                                                                                                                                                                           | 457 mm                                  |
| Duplex:                  | 30"                                                                                                                                                                                                                                                           | 762 mm                                  |
| Motor                    | 1, 1-1/2 and 2 HP, 1725 RPM, 230 Volt, single-phase, or 208-230/460 and 575 volt three-phase, 60 Hz. Oil-filled. PSC with thermal overload with built-in thermal overload protection with automatic reset and permanent split capacitor on single-phase only. |                                         |
| Acceptable pH range      | 6-9                                                                                                                                                                                                                                                           |                                         |
| Shaft seal               | Primary: Mechanical type 21 or equal, Buna-N elastomers, silicon carbide seal faces, stainless steel metal parts; Secondary: self-lubricating energized nitrile lip seal                                                                                      |                                         |
| Motor housing            | Cast Iron                                                                                                                                                                                                                                                     |                                         |
| Volute case              | Cast Iron                                                                                                                                                                                                                                                     |                                         |
| Impeller                 | Cast Iron Two-Vane Semi-Open Vortex                                                                                                                                                                                                                           |                                         |
| Power cord               | Single Phase: 20' UL/CSA Listed. 3 wire 16-3 SJTW-A/SJTW water resistant cord with integrally grounded three-prong plug. Three Phase: 20' UL/CSA Listed. 4 wire 16-4 SJTW-A/SJTW water resistant cord.                                                        |                                         |
| Discharge                | 2" NPT vertical discharge:<br>The MWS9                                                                                                                                                                                                                        | 3" NPT vertical discharge:<br>The MWS39 |



**3 YEAR**  
WARRANTY



## FEATURES

- Impeller – Non-clog vortex style, pump out vanes for seal protection.
- Dual Shaft Seals – Primary mechanical seal with a secondary self-lubricating lip seal.
- Bearing and Mechanical Seal – Permanently lubricated for long life.
- Serviceability – Heavy-duty lift-out ring, field serviceable.
- Overload Protection – Built-in thermal overload with automatic reset on single phase
- Cord Design – Prevents oil loss from and moisture protection for motor.
- Controls – Standard controls available for automatic operation.

## ORDERING INFORMATION

| Catalog Number | HP    | Max. Load Amps | Volts   | Phase/Cycles | Cord Length | Mechanical Switch Type | Discharge |      |      |
|----------------|-------|----------------|---------|--------------|-------------|------------------------|-----------|------|------|
| MWS9100220M    | 1     | 8.5            | 230     | 1/60         | 20'         | Manual                 | 2" NPT    |      |      |
| MWS9100220T    |       |                |         |              |             | Tethered               |           |      |      |
| MWS9150220M    | 1-1/2 | 12.0           | 460     | 3/60         |             | Manual                 |           |      |      |
| MWS9150420M    |       | 4.7            |         |              |             |                        |           |      |      |
| MWS9200220M    | 2     | 13.0           | 230     | 1/60         |             | Manual                 |           |      |      |
| MWS9200420M    |       | 5.3            |         |              |             |                        | 460       | 3/60 |      |
| MWS39100220M   | 1     | 8.5            | 230     | 1/60         |             | Tethered               |           |      |      |
| MWS39100220T   |       |                |         |              |             |                        |           |      |      |
| MWS39100520M   | 1-1/2 | 3.5            | 575     | 3/60         |             | Manual                 |           |      |      |
| MWS39150220M   |       | 12.0           |         |              |             |                        | 230       | 1/60 |      |
| MWS39150520M   | 2     | 3.8            | 575     | 3/60         |             |                        | 3" NPT    |      |      |
| MWS39200220M   |       | 13.0           |         |              |             |                        |           | 230  | 1/60 |
| MWS39200320M   | 2     | 10.0           | 208-230 | 3/60         |             |                        |           |      |      |
| MWS39200520M   |       | 4.2            |         |              |             |                        |           |      | 575  |

In order to provide the best products possible, specifications are subject to change.

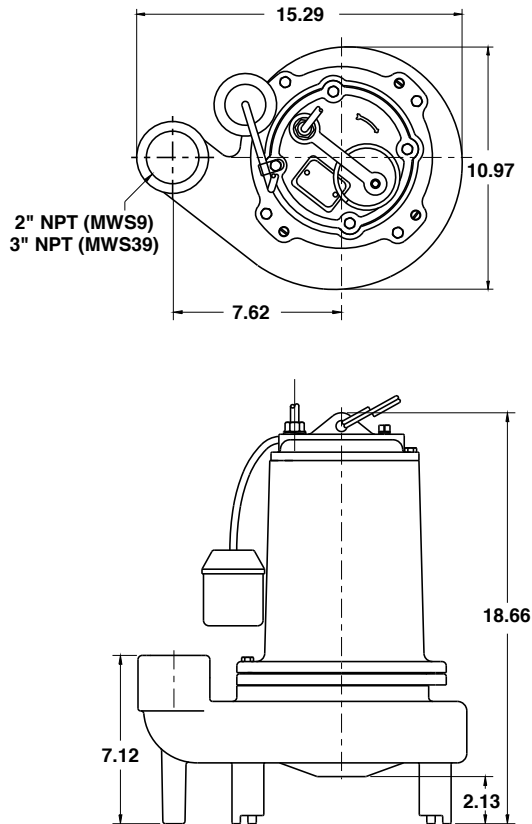
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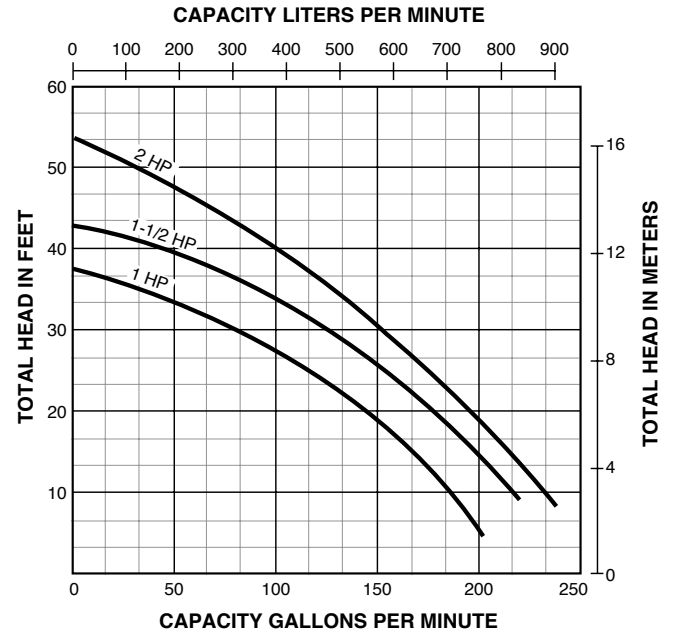
**MWS39 Series: 3" NPT Discharge**

## OUTLINE DIMENSIONS



Dimensions (in inches) are for estimating purposes only.

## PUMP PERFORMANCE



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