

# SUBMITTAL DATA SHEET

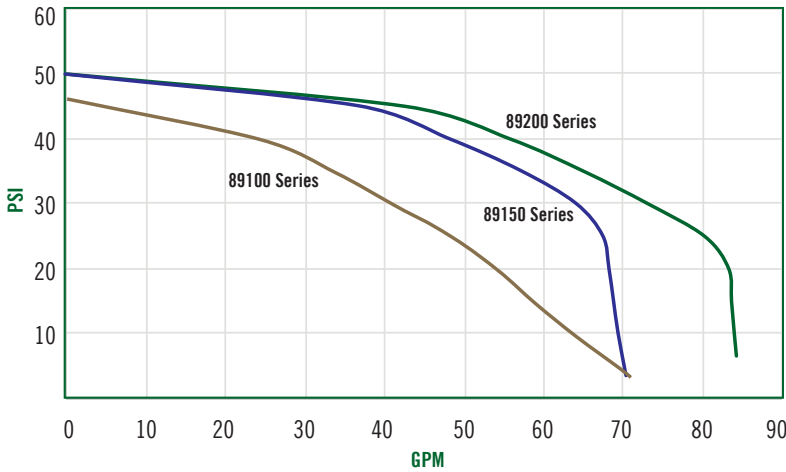
Irrigation & Booster Pumps  
Sprinkler Pump | E-Series

## 89000 Series | Self-Priming Sprinkler Pump



A.Y. McDonald's E-Series Sprinkler Pump is designed with a 1 1/2" inlet and outlet with a flow of up to 85 GPM. With an easy switch between 115V and 230V and a 304 stainless steel insert on the impeller, this high quality pump also contains a stainless steel wear ring between the impeller and diffuser. The E-Series Sprinkler Pump is available in 1, 1 1/2, and 2 HP and comes with a reliable, robust, and tested motor.

Flow GPM vs. Pressure PSI Curve

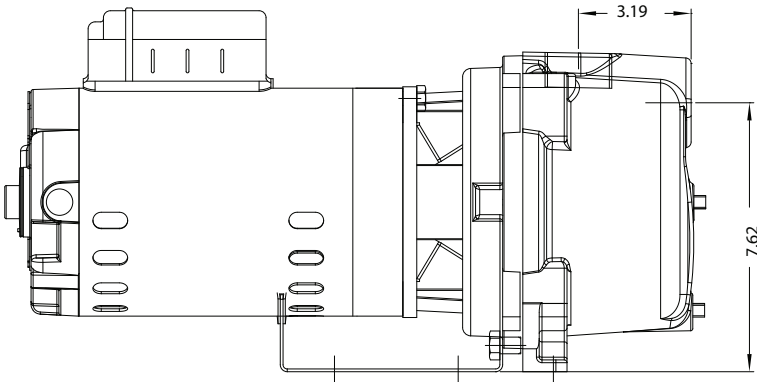


### Models Available

| Model No. | HP    | Volts     | Suction | Discharge | Ship WT. (lbs.) |
|-----------|-------|-----------|---------|-----------|-----------------|
| 89100     | 1     | 115 / 230 | 1 1/2"  | 1 1/2"    | 59              |
| 89150     | 1 1/2 | 115 / 230 | 1 1/2"  | 1 1/2"    | 63              |
| 89200     | 2     | 230       | 1 1/2"  | 1 1/2"    | 64              |

### Performance

| Model No. | HP    | Suction Lift - FT. | Capacities in GPM at Discharge Pressure |    |    |    | Max. Shut off PSI |
|-----------|-------|--------------------|---|----|----|----|-------------------|
|           |       |                    | 10                                      | 20 | 30 | 40 |                   |
| 89100     | 1     | 0                  | 63                                      | 54 | 41 | 24 | 46.2              |
|           |       | 5                  | 61                                      | 51 | 38 | 19 | 44                |
|           |       | 10                 | 56                                      | 46 | 32 |    | 41.9              |
|           |       | 15                 | 51                                      | 44 | 28 |    | 39.7              |
|           |       | 20                 | 43                                      | 40 | 23 |    | 38.3              |
|           |       | 25                 | 35                                      | 34 | 18 |    | 34.8              |
| 89150     | 1 1/2 | 0                  | 69                                      | 68 | 64 | 48 | 49.9              |
|           |       | 5                  | 62                                      | 61 | 58 | 42 | 46.7              |
|           |       | 10                 | 55                                      | 53 | 51 | 35 | 45                |
|           |       | 15                 | 48                                      | 48 | 46 | 26 | 44.2              |
|           |       | 20                 | 42                                      | 40 | 39 | 15 | 43.8              |
|           |       | 25                 | 34                                      | 34 | 30 |    | 41.4              |
| 89200     | 2     | 0                  | 83                                      | 83 | 73 | 54 | 50                |
|           |       | 5                  | 73                                      | 73 | 69 | 49 | 48                |
|           |       | 10                 | 57                                      | 57 | 56 | 39 | 48                |
|           |       | 15                 | 50                                      | 50 | 50 | 34 | 43.8              |
|           |       | 20                 | 42                                      | 42 | 42 | 22 | 45.1              |
|           |       | 25                 | 34                                      | 34 | 34 |    | 39.4              |



### SUBMITTAL INFORMATION

- Up to 85 GPM
- 1, 1 1/2, 2 HP
- 1 1/2" Inlet & outlet
- Reliable, robust, and tested motor
- Easy to switch between 115V & 230V (Factory preset to 230V)
- 2 HP Sprinkler pump - 230V Only
- 304 Stainless steel motor shaft with wrench flat
- All iron pump housing and seal plate
- 304 Stainless steel insert on impeller
- Stainless steel wear ring between the impeller & diffuser
- Stainless steel bolt hardware connecting pump to motor

**NO-LEAD:** The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

**Submitted by:**