

# SUBMITTAL DATA SHEET

Waste Water  
Effluent | Sewage Ejectors | Grinders

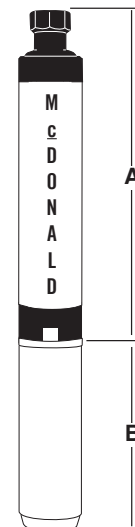
## Thermoplastic



Reinforced Thermoplastic motor bracket and discharge with built-in guide bearing. Sizes range from 1/2 HP - 1 1/2 HP. The 300 series stainless steel top bearing and motor coupling. These are assembled with our A.Y. McDonald stainless steel motors. Two wire single phase models include pump, motor, and 10' lead, 25', 50' & 100' available.

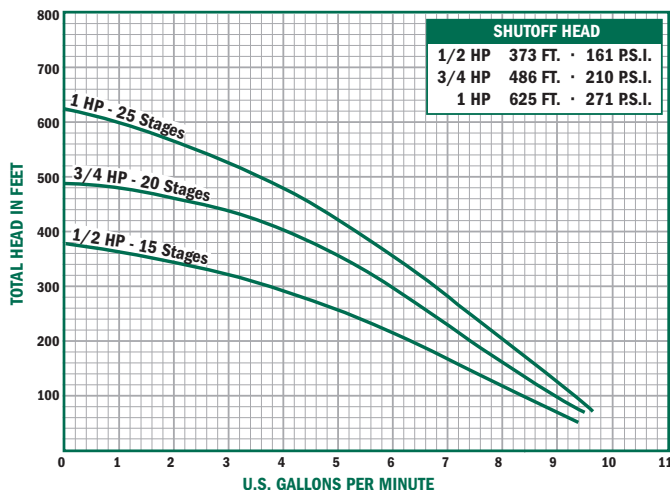
All four inch submersibles are supplied with grounded leads meeting the National Electrical Code (N.E.C.) specifications.

The performance curves on the following page will assist you in choosing the pump that meets your needs.



**MODELS** | 5 GPM - J Series | 7 GPM - V Series | 10 GPM - K Series | 15 GPM - L Series  
20 GPM - P Series | 30 GPM - E Series

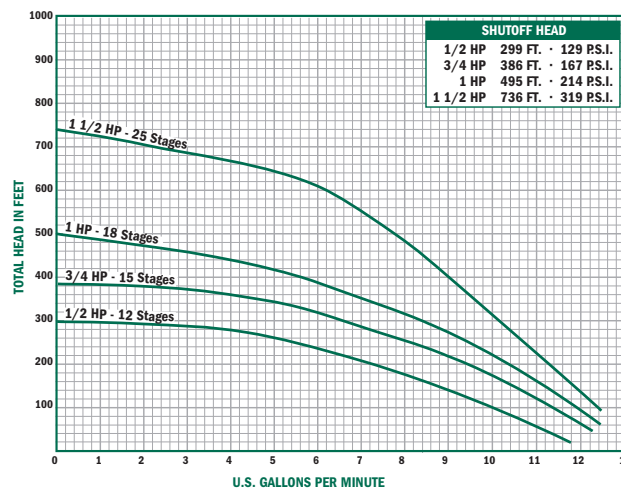
### J - 5 GPM



#### Specifications

Model	HP	Material	Volts	Phase	A	B	Wt.
22050J2AJ	1/2	Plastic	115	1	16.6	9.5	26
22050J2J	1/2	Plastic	230	1	16.6	9.5	26
22075J2J	3/4	Plastic	230	1	20.3	10.7	30
22100J2J	1	Plastic	230	1	22.5	11.8	35

### V - 7 GPM



#### Specifications

Model	HP	Material	Volts	Phase	A	B	Wt.
22050V2AJ	1/2	Plastic	115	1	14.3	9.5	25
22050V2J	1/2	Plastic	230	1	14.3	9.5	25
22075V2J	3/4	Plastic	230	1	16.6	10.7	28
22100V2J	1	Plastic	230	1	18.8	11.7	32
22150V2J	1 1/2	Plastic	230	1	24.0	13.6	40

### SUBMITTAL INFORMATION

- Stainless steel pump shell and pump shaft
- Reinforced Thermoplastic diffusers and impellers
- Internal, anti-spin check valve standard
- Thermoplastic intake screen and cable guard
- Powered by A.Y. McDonald standard composite submersible motors 1/2 - 1 HP.
- 1 1/4" FNPT Discharge

**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.



**A.Y. McDonald Mfg. Co.**  
P.O. Box 508  
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**Fax:** 1-800-832-9296  
**Hours:** 7:00 a.m. - 5:00 p.m., CST

[sales@aymcdonald.com](mailto:sales@aymcdonald.com)  
[www.aymcdonald.com](http://www.aymcdonald.com)

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.

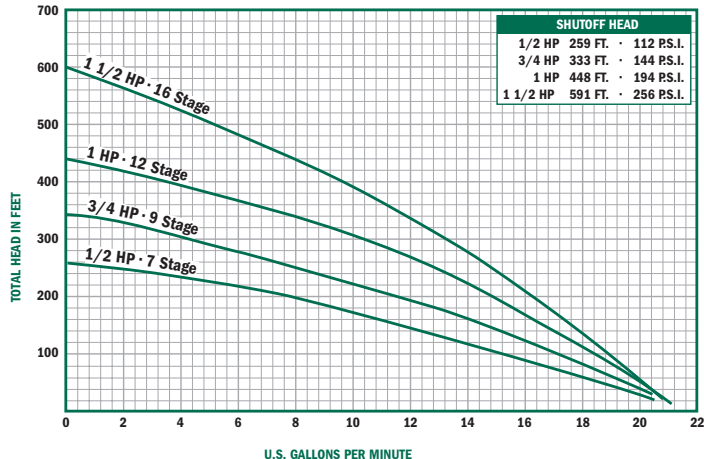
Submitted by:

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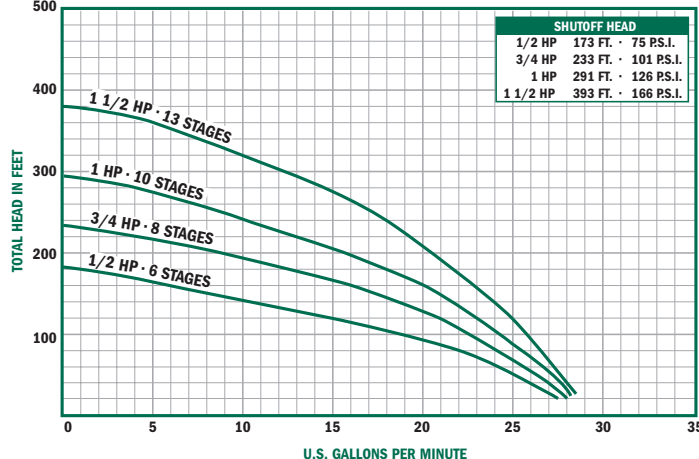
Waste Water  
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**Thermoplastic**



## K - 10 GPM



## L - 15 GPM



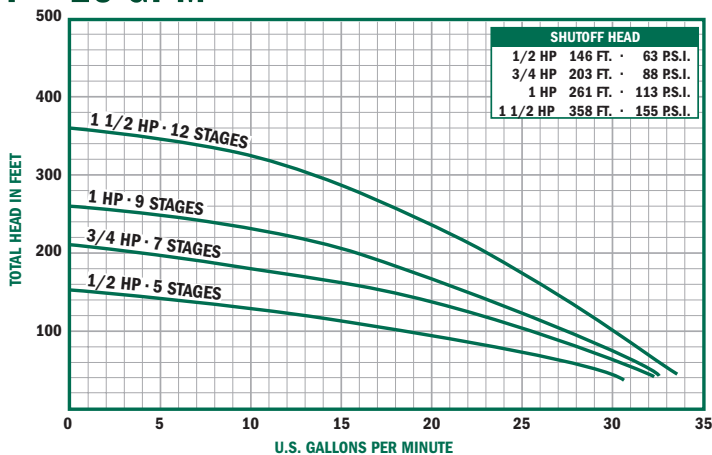
### Specifications

Model	HP	Material	Volts	Phase	A	B	Wt.
22050K2AJ	1/2	Plastic	115	1	12.3	9.53	23
22050K2J	1/2	Plastic	230	1	12.3	9.53	22
22075K2J	3/4	Plastic	230	1	13.7	10.66	27
22100K2J	1	Plastic	230	1	16.0	11.75	31
22150K2J	1 1/2	Plastic	230	1	19.7	15.12	40

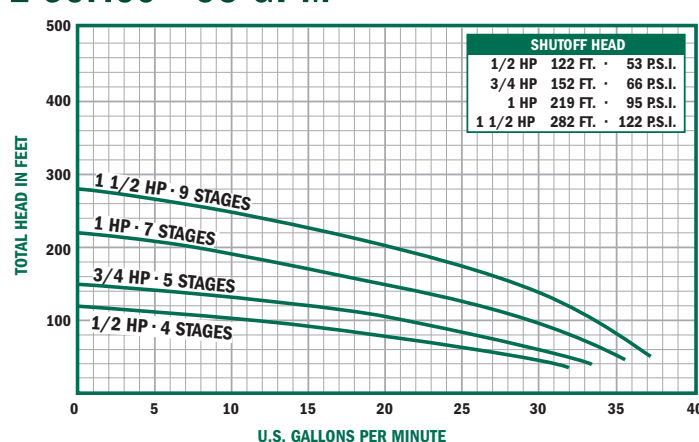
### Specifications

Model	HP	Material	Volts	Phase	A	B	Wt.
22050L2AJ	1/2	Plastic	115	1	13.55	9.53	23
22050L2J	1/2	Plastic	230	1	13.55	9.53	23
22075L2J	3/4	Plastic	230	1	15.71	10.66	27
22100L2J	1	Plastic	230	1	17.85	11.75	31
22150L2J	1 1/2	Plastic	230	1	21.07	15.12	39

## P - 20 GPM



## E Series - 30 GPM



### Specifications

Model	HP	Material	Volts	Phase	A	B	Wt.
22050P2AJ	1/2	Plastic	115	1	12.48	9.53	23
22050P2J	1/2	Plastic	230	1	12.48	9.53	23
22075P2J	3/4	Plastic	230	1	14.63	10.66	27
22100P2J	1	Plastic	230	1	16.78	11.75	31
22150P2J	1 1/2	Plastic	230	1	20.00	15.12	41

### Specifications

Model	HP	Material	Volts	Phase	A	B	Wt.
22050E2AJ	1/2	Plastic	115	1	10.94	9.53	23
22050E2J	1/2	Plastic	230	1	10.94	9.53	23
22075E2J	3/4	Plastic	230	1	12.48	10.66	25
22100E2J	1	Plastic	230	1	14.63	11.75	30
22150E2J	1 1/2	Plastic	230	1	16.78	15.12	39

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