



# Sewage Pumps



CAPITAL SEPTIC SUPPLY

**Ashland**  
PUMP



## Features

- Heavy duty cast iron construction
- Oil-filled continuous duty PSC motor (1Ph)
- Vortex cast iron impeller
- 2" solids handling

## Specifications

### Physical Data:

DISCHARGE SIZE	2" N.P.T. 3" NPT Optional
IMPELLER TYPE	9 Vane Vortex -Cast Iron
CABLE LENGTH	20'

### Liquid Handling:

SOLIDS SIZE	2"
MAXIMUM LIQUID TEMP.	104°F – Intermittent
ACCEPTABLE PH RANGE	6-8

### Technical Data:

MOTOR HOUSING	Cast Iron
CASING	Cast Iron
IMPELLER	Cast Iron
MOTOR SHAFT	AISI 1045
HARDWARE	SST
"O" RINGS	NBR
SEAL	Single Mechanical, Carbon Ceramic
UPPER BEARING	6202
LOWER BEARING	6203

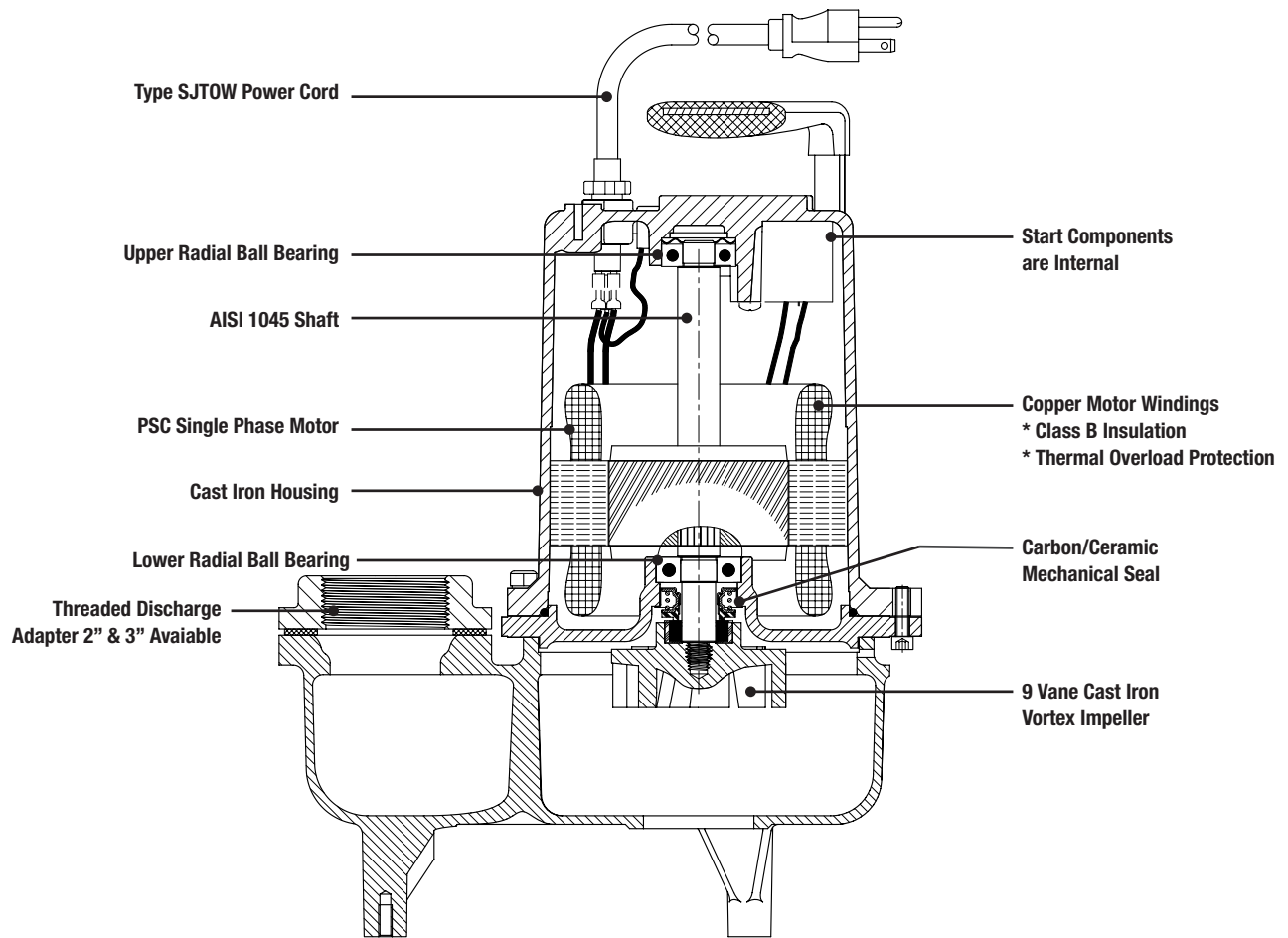
### Electrical Data:

R.P.M.	3450
MOTOR TYPE	PSC
GEN INSULATION CLASS	B
STATOR WINDING CLASS	B
MAXIMUM STATOR TEMP	130°C
VOLTAGE TOLERANCE	±10%
MOTOR PROTECTION	Thermally Protected
HP	4/10 HP
VOLTAGE	115/230
PHASE	1
SERVICE FACTOR	1
FULL LOAD AMPS	115V/9.0 230V/4.5

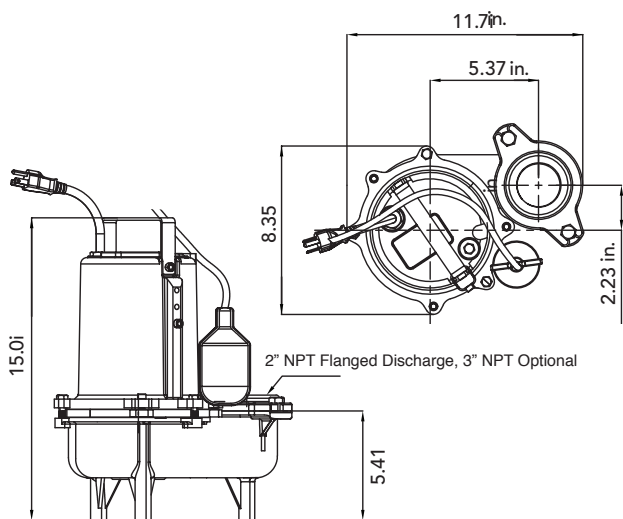
## Specifications

Model	HP	Volt	Ph	Nema Start Code	Full Load Amps	Cord Size	Cord Type	Cord O.D. Inches (mm)
SW40M1-20	4/10	115	1	R	9.0	16AWG/3C	SJTOW	.325-.360
SW40M2-20	4/10	230	1	R	4.5	16AWG/3C	SJTOW	.325-.360

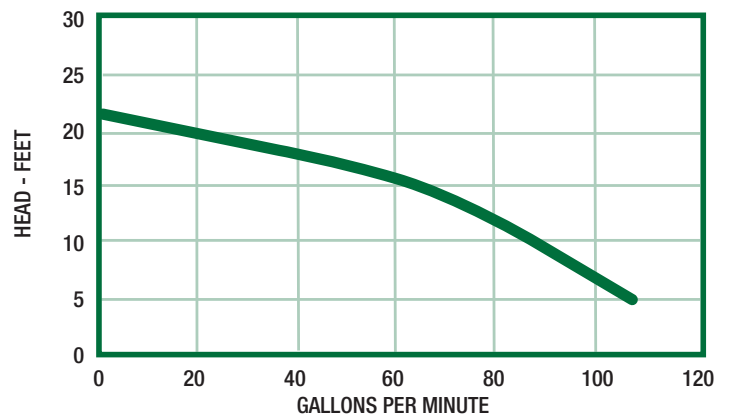
## Features



## Dimensional Data



## Performance Curve





# SW-50



## Features

- Heavy duty cast iron construction
- Oil-filled continuous duty PSC motor (1Ph)
- Vortex cast iron impeller
- 2" solids handling

## Specifications

### Physical Data:

DISCHARGE SIZE	2" N.P.T. 3" NPT Optional
IMPELLER TYPE	9 Vane Vortex -Cast Iron
CABLE LENGTH	20'

### Liquid Handling:

SOLIDS SIZE	2"
MAXIMUM LIQUID TEMP.	104°F – Intermittent
ACCEPTABLE PH RANGE	6-8

### Technical Data:

MOTOR HOUSING	Cast Iron
CASING	Cast Iron
IMPELLER	Cast Iron
MOTOR SHAFT	AISI 1045
HARDWARE	SST
"O" RINGS	NBR
SEAL	Single Mechanical, Carbon Ceramic
UPPER BEARING	6202
LOWER BEARING	6203

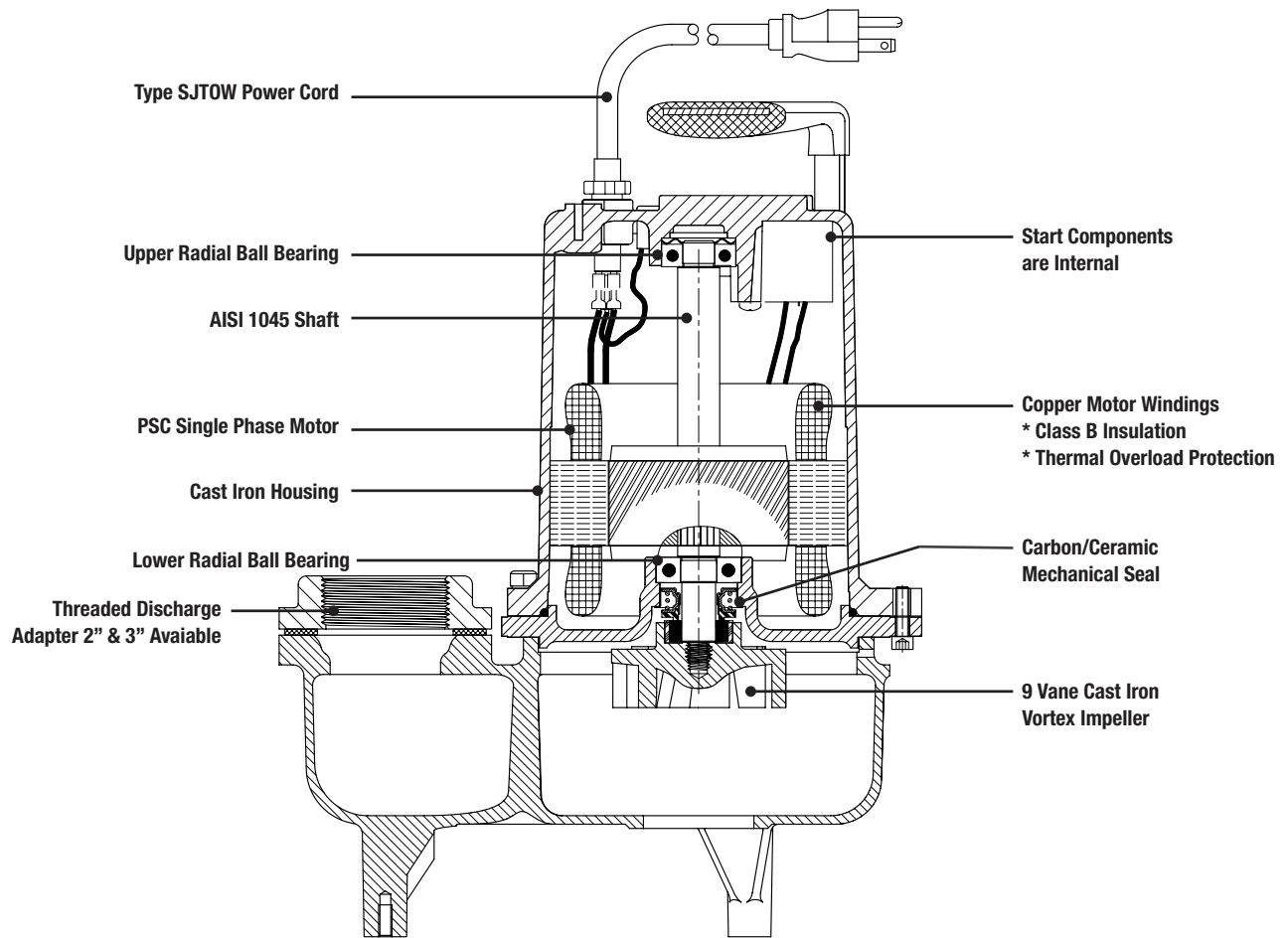
### Electrical Data:

R.P.M.	3450
MOTOR TYPE	PSC
GEN INSULATION CLASS	B
STATOR WINDING CLASS	B
MAXIMUM STATOR TEMP	130°C
VOLTAGE TOLERANCE	±10%
MOTOR PROTECTION	Thermally Protected
HP	1/2 HP
VOLTAGE	115/230/208
PHASE	1 and 3
SERVICE FACTOR	1

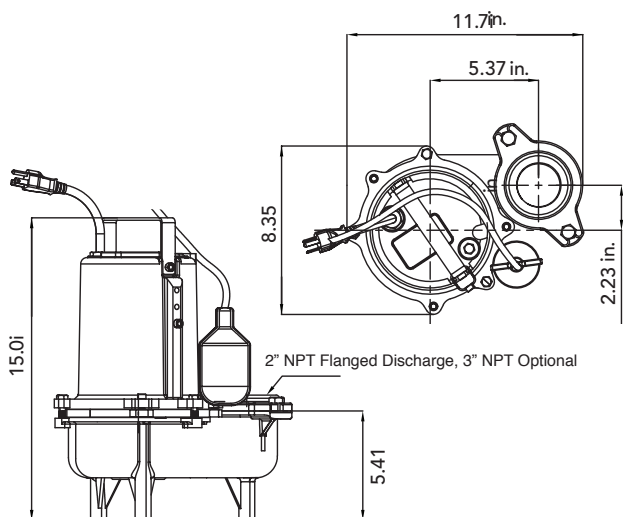
## Specifications

Model	HP	Volt	Ph	Nema Start Code	Full Load Amps	Cord Size	Cord Type	Cord O.D. Inches (mm)
SW50M1-20	1/2	115	1	P	9.5	16AWG/3C	SJTOW	.325-.360
SW50M2-20	1/2	230	1	P	4.8	16AWG/3C	SJTOW	.325-.360
SW50M3-20	1/2	230	3	R	3.0	16AWG/4C	SJTOW	.325-.360
SW50M5-20	1/2	208	1	P	5.2	16AWG/3C	SJTOW	.325-.360
SW50M6-20	1/2	208	3	R	3.1	16AWG/4C	SJTOW	.325-.360

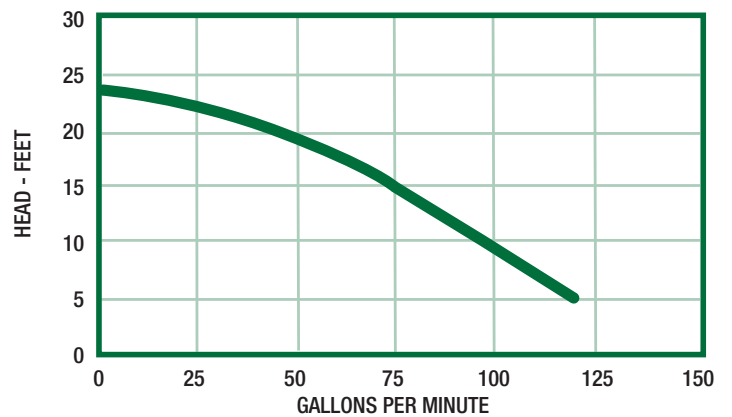
## Features



## Dimensional Data



## Performance Curve



## Features

- Heavy duty cast iron construction
- Oil-filled continuous duty PSC motor (1&3 Ph)
- 9-Vane Vortex cast Iron impeller
- 2" solids handling

## Specifications

Physical Data:	
DISCHARGE SIZE	2" N.P.T. 3" NPT Optional
IMPELLER TYPE	9 Vane Vortex -Cast Iron
CABLE LENGTH	20'
Liquid Handling:	
SOLIDS SIZE	2"
MAXIMUM LIQUID TEMP.	104°F – Intermittent
ACCEPTABLE PH RANGE	6-8
Technical Data:	
MOTOR HOUSING	Cast Iron
CASING	Cast Iron
IMPELLER	Cast Iron
MOTOR SHAFT	AISI 1045
HARDWARE	SST
"O" RINGS	NBR
SEAL	Single Mechanical, Carbon Ceramic
UPPER BEARING	6202
LOWER BEARING	6203
Electrical Data:	
R.P.M.	3450
MOTOR TYPE	PSC
GEN INSULATION	CLASS B
STATOR WINDING	CLASS B
MAXIMUM STATOR TEMP	130°C
VOLTAGE TOLERANCE	±10%
MOTOR PROTECTION	Thermally Protected
HP	3/4 HP
VOLTAGE	115/230/208/460
PHASE	1 and 3
SERVICE FACTOR	1

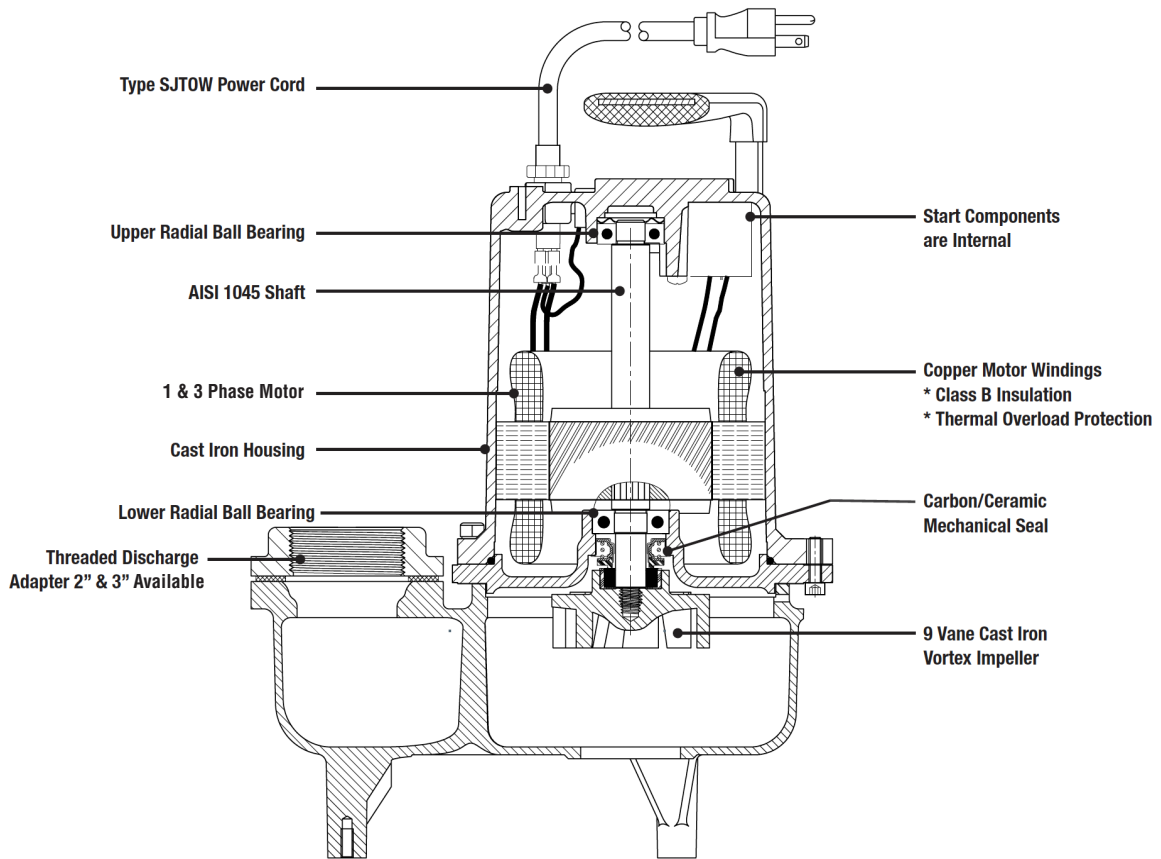


## Specifications

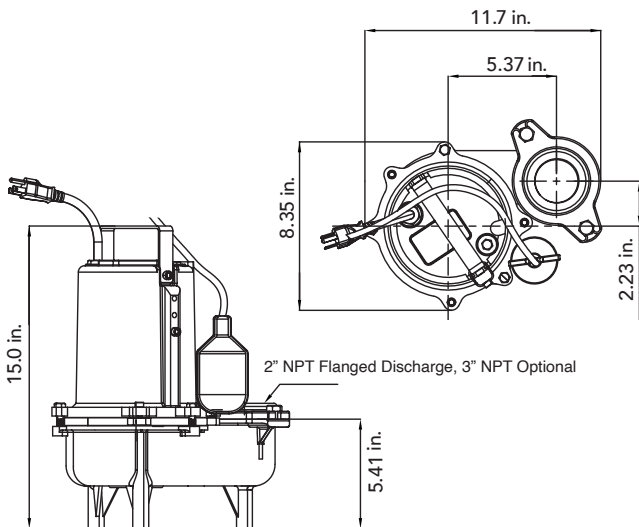
Model	HP	Volt	Ph	Nema Start Code	Full Load Amps	Cord Size	Cord Type	Cord O.D. Inches (mm)
SW75M1-20	3/4	115	1	P	10.5	16AWG/3C	SJTOW	.325-.360
SW75M2-20	3/4	230	1	P	5.3	16AWG/3C	SJTOW	.325-.360
SW75M3-20	3/4	230	3	R	3.2	16AWG/4C	SJTOW	.350-.395
SW75M4-20	3/4	460	3	R	1.6	16AWG/4C	SJTOW	.350-.395
SW75M5-20	3/4	208	1	P	5.8	16AWG/3C	SJTOW	.325-.360
SW75M6-20	3/4	208	3	R	3.3	16AWG/4C	SJTOW	.350-.395



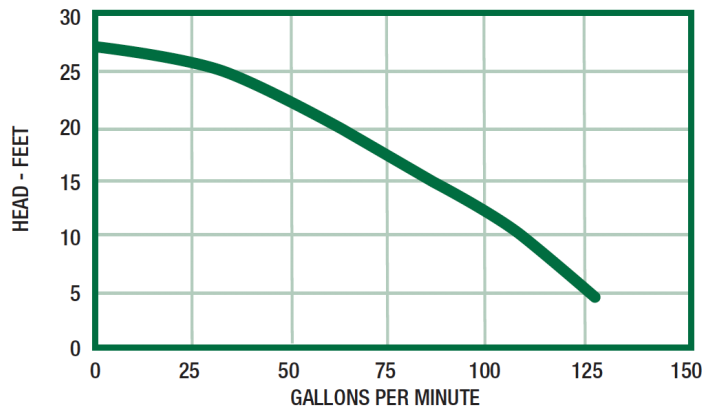
## Features



## Dimensional Data



## Performance Curve





# SWF-100



## Features

- Heavy duty cast iron construction
- Oil-filled continuous duty PSC motor (1Ph) and Induction motor (3Ph)
- Semi-open cast iron impeller
- 2" solids handling

## Specifications

### Physical Data:

DISCHARGE SIZE	2" Flanged with 2" & 3" NPT Adapter
IMPELLER TYPE	2-Vane Semi-open - Cast Iron
CABLE LENGTH	20'

### Liquid Handling:

SOLIDS SIZE	2"
MAXIMUM LIQUID TEMP.	104°F – Intermittent
ACCEPTABLE PH RANGE	6-8

### Technical Data:

MOTOR HOUSING	Cast Iron
CASING	Cast Iron
IMPELLER	Cast Iron
MOTOR SHAFT	SS430
HARDWARE	SST
"O" RINGS	NBR
SEALS	Single Mechanical, Carbon Ceramic
UPPER BEARING	6203
LOWER BEARING	6203

### Electrical Data:

R.P.M.	1750
MOTOR TYPE	PSC/Induction
GEN INSULATION CLASS	B
STATOR WINDING CLASS	B
MAXIMUM STATOR TEMP	130°C
VOLTAGE TOLERANCE	±10%
MOTOR PROTECTION	Thermally Protected
HP 1 (SWF100) and 2 (SWF200)	
VOLTAGE	208/230/460
PHASE	1/3
SERVICE FACTOR	1

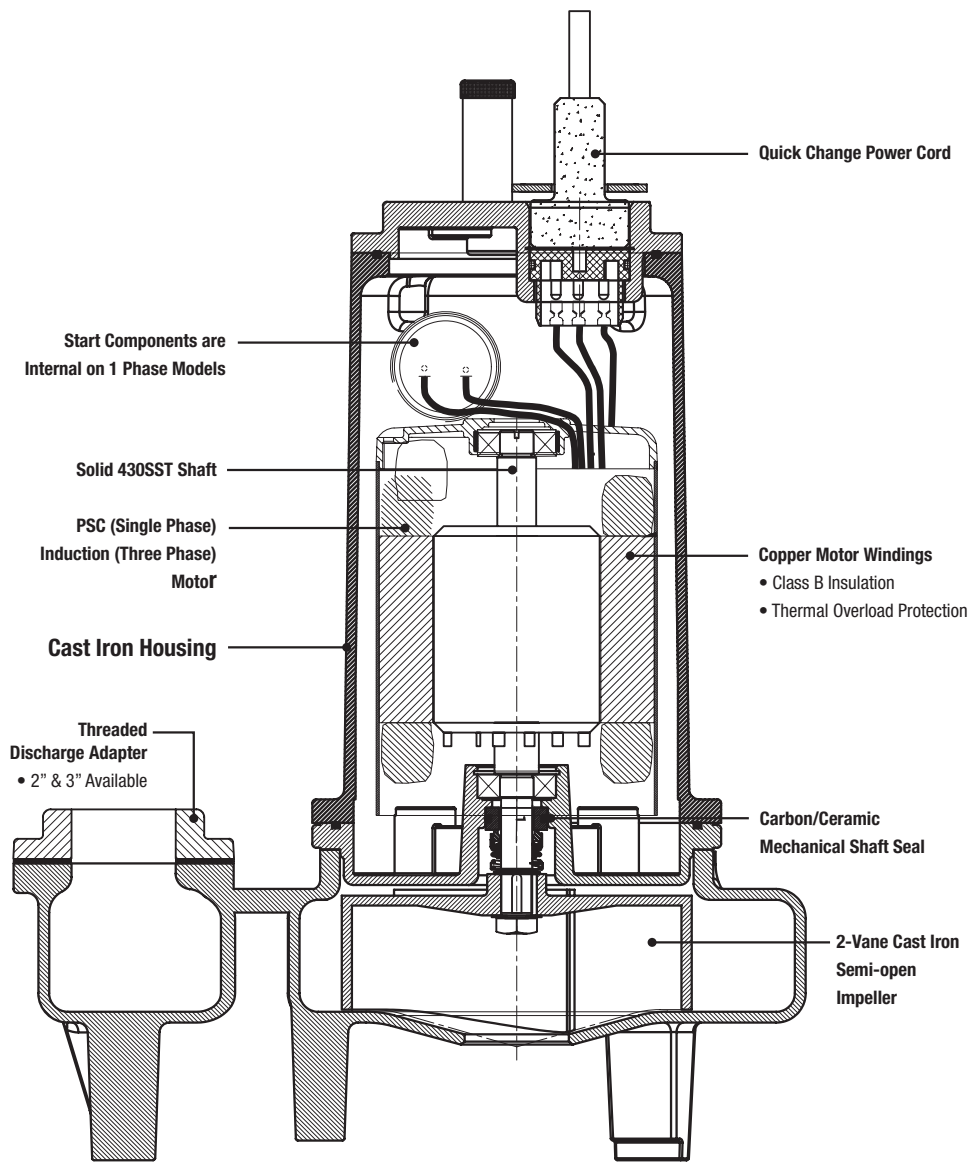


## Specifications

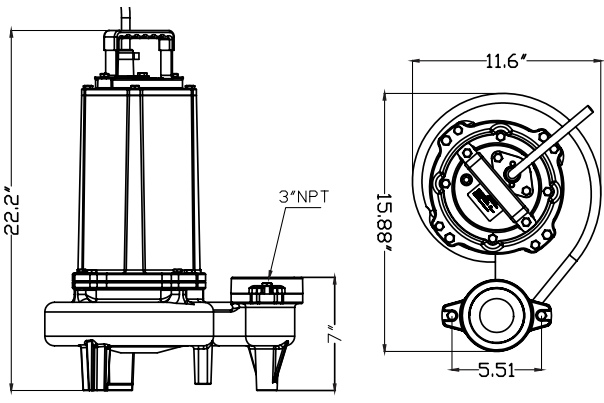
Model	HP	Hz	Volts/Ph	RPM	Full Load Amps	Nema Start Code	Cord Type	Cord Power Size	Cord O.D.
SWF100M2-20	1	60	230/1	1750	10.8	P	SOW	14AWG/3C	.55
SWF100M3-20	1	60	230/3	1750	8.0	P	SOW	16AWG/4C	.45
SWF100M4-20	1	60	460/3	1750	4.0	P	SOW	16AWG/4C	.45
SWF100M5-20	1	60	208/1	1750	13.0	P	SOW	16AWG/4C	.45
SWF100M6-20	1	60	208/3	1750	8.5	P	SOW	16AWG/4C	.45



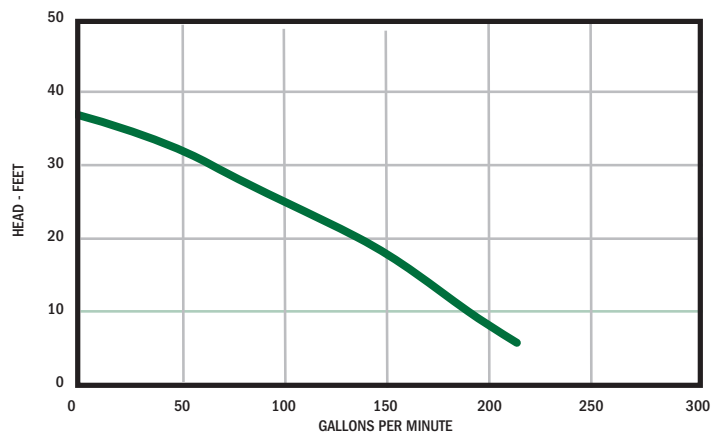
# Features



# Dimensions



# Performance Curve





## Features

- Heavy duty cast iron construction
- Oil-filled continuous duty PSC motor (1Ph) and Induction motor (3Ph)
- 9 Vane vortex cast iron impeller
- 2" solids handling

## Specifications

### Physical Data:

DISCHARGE SIZE	2" Flanged with 2" & 3" NPT Adapter
IMPELLER TYPE	9 Vane Vortex - Cast Iron
CABLE LENGTH	20'

### Liquid Handling:

SOLIDS SIZE	2"
MAXIMUM LIQUID TEMP.	104°F – Intermittent
ACCEPTABLE PH RANGE	6-8

### Technical Data:

MOTOR HOUSING	Cast Iron
CASING	Cast Iron
IMPELLER	Cast Iron
MOTOR SHAFT	SS416
HARDWARE	SST
"O" RINGS	NBR
SEALS	Single Mechanical, Carbon Ceramic
UPPER BEARING	6203
LOWER BEARING	6203

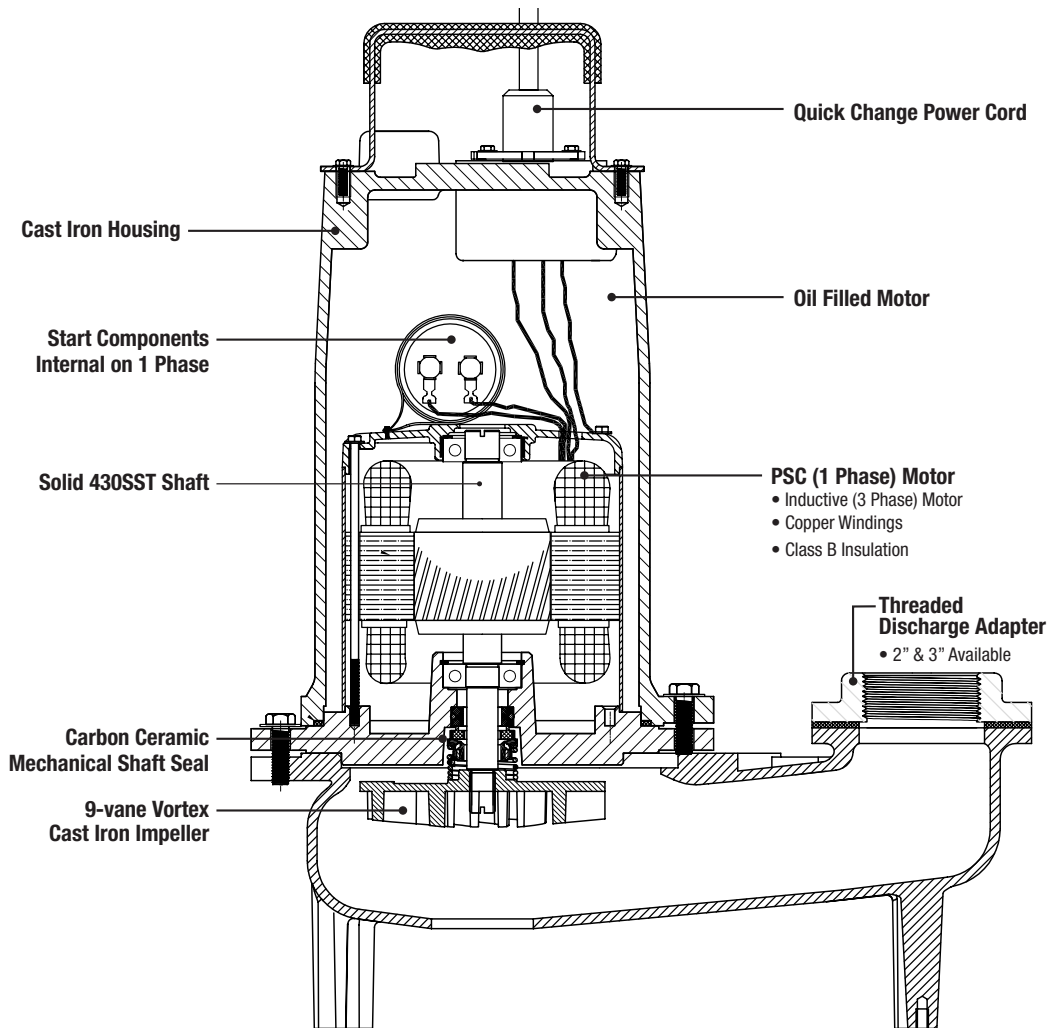
### Electrical Data:

R.P.M.	3450
MOTOR TYPE	PSC/Induction
GEN INSULATION CLASS	B
STATOR WINDING CLASS	B
MAXIMUM STATOR TEMP	130°C
VOLTAGE TOLERANCE	±10%
MOTOR PROTECTION	Thermally Protected
HP 1 (SWF100) and 2 (SWF200)	
VOLTAGE	208/230/460
PHASE	1/3
SERVICE FACTOR	1

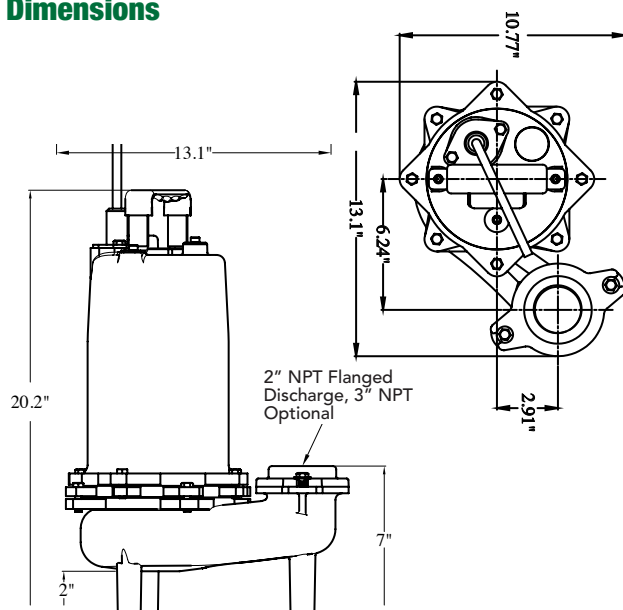
## Specifications

Model	HP	Hz	Volts/Ph	RPM	Full Load Amps	Nema Start Code	Cord Type	Cord Power Size	Cord O.D.
SWH50M1-20	1/2	60	115/1	3450	12.0	P	SOW	16AWG/3C	.43
SWH50M2-20	1/2	60	230/1	3450	6.0	P	SOW	16AWG/3C	.43
SWH50M3-20	1/2	60	230/3	3450	4.0	P	SOW	16AWG/4C	.46
SWH50M4-20	1/2	60	460/3	3450	2.0	P	SOW	16AWG/4C	.46
SWH50M5-20	1/2	60	208/1	3450	6.8	P	SOW	16AWG/4C	.43
SWH50M6-20	1/2	60	208/3	3450	4.2	P	SOW	16AWG/4C	.46

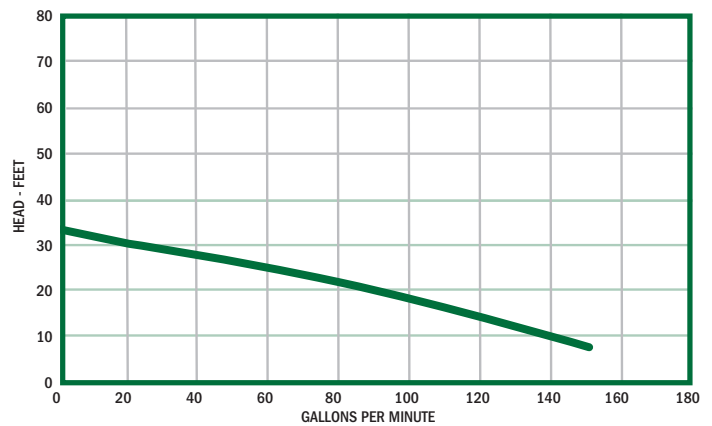
## Features



## Dimensions



## Performance Curve





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