



# cast iron submersible sewage pumps

**Silicon Carbide Seals**



*The SC7/SCC7 Series Pumps are rugged, cast iron, submersible pumps with non-clog vortex impellers and solids handling capability to 2". Available with 1/2 or 3/4 HP, 115 Volt or 230 Volt single-phase or 208-230 Volts three-phase motor complete with 20' power cord. The SC7 Series have a 2" NPT vertical discharge. The SCC7 Series have a 3" NPT vertical discharge. A full selection of accessories for automatic operation is available, and*

*includes float switches, simplex controllers, duplex controllers, basins, alarms and check valves.*

### APPLICATIONS\*

- Sewage, Effluent and Wastewater Removal and Transfer
- Sump Drainage
- Dewatering
- Flood Control

\*Oil-filled pumps are not appropriate for use in applications with fish.

## SC7/SCC7 SERIES

### SPECIFICATIONS

- Volute Casing** – Cast iron
- Impeller** – Cast iron
- Upper and Lower Motor Housing** – Cast iron
- Mechanical Seal** – Type 6A or equal, Buna-N elastomers, silicon carbide seal faces, stainless steel metal parts
- Bearings** – Ball type, oil lubricated
- Lower Motor Housing O-Ring** – Buna-N
- Exterior Hardware and Nameplate** – Stainless steel
- Motor\*** – 1/2 and 3/4 HP, 1725 RPM, 115 Volt or 230 Volt single-phase or 230 Volt three-phase, 60 Hz. Oil-filled. Permanent split capacitor. Built-in thermal overload protection with automatic reset. Stainless steel motor shaft and impeller lock nut.
- Power Cord** – *Single Phase:* 20' oil and water resistant 16-3 SJTW-A/SJTW with UL Listed integrally grounded three-prong plug. *Three Phase:* 20' oil and water resistant 16-4 STW-A/STW
- Maximum Liquid Temperature Limits** – 130°F (55°C)
- Oil-Filled Capacitor** – Greatly enhances the continuous duty motor rating.

### FEATURES

- Solids Handling** – 2" spherical capability.
- Bearings and Mechanical Seal** – Permanently lubricated for long life.
- Impeller** – Non-clog vortex style with integral rim to reduce casing and impeller wear.
- Overload Protection** – Built-in thermal overload with automatic reset on single phase.
- Stainless Steel Hardware** – Allows for easy disassembly after extended service.
- Cord Design** – In-field replaceable 50' cord available.

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



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ORDERING INFORMATION									
Catalog* Number	HP	Max. Load Amps	Volts	Phase/Cycles	Cord Length	Mechanical Switch Type	Dis-charge	Switch Setting	
								On	Off
<b>SC7 SERIES</b>									
SC750120M	1/2	11.2	115	1/60	20'	Manual	2" NPT	—	—
SC750120T	1/2	11.2	115	1/60	20'	Tethered	2" NPT	20"	11"
SC750220M	1/2	5.5	230	1/60	20'	Manual	2" NPT	—	—
SC750220T	1/2	5.5	230	1/60	20'	Tethered	2" NPT	20"	11"
SC750320M	1/2	4.0	208-230	3/60	20'	Manual	2" NPT	—	—
SC750420M	1/2	2.0	460	3/60	20'	Manual	2" NPT	—	—
SC775120M	3/4	12.0	115	1/60	20'	Manual	2" NPT	—	—
SC775120T	3/4	12.0	115	1/60	20'	Tethered	2" NPT	20"	11"
SC775220M	3/4	6.7	230	1/60	20'	Manual	2" NPT	—	—
SC775220T	3/4	6.7	230	1/60	20'	Tethered	2" NPT	20"	11"
SC775320M	3/4	4.8	208-230	3/60	20'	Manual	2" NPT	—	—
SC775420M	3/4	2.4	460	3/60	20'	Manual	2" NPT	—	—
<b>SCC7 SERIES</b>									
SCC750120M	1/2	11.2	115	1/60	20'	Manual	3" NPT	—	—
SCC750120T	1/2	11.2	115	1/60	20'	Tethered	3" NPT	20"	11"
SCC750220M	1/2	5.5	230	1/60	20'	Manual	3" NPT	—	—
SCC750220T	1/2	5.5	230	1/60	20'	Tethered	3" NPT	20"	11"
SCC750320M	1/2	4.0	208-230	3/60	20'	Manual	3" NPT	—	—
SCC750420M	1/2	2.0	460	3/60	20'	Manual	3" NPT	—	—
SCC775120M	3/4	12.0	115	1/60	20'	Manual	3" NPT	—	—
SCC775120T	3/4	12.0	115	1/60	20'	Tethered	3" NPT	20"	11"
SCC775220M	3/4	6.7	230	1/60	20'	Manual	3" NPT	—	—
SCC775220T	3/4	6.7	230	1/60	20'	Tethered	3" NPT	20"	11"
SCC775320M	3/4	4.8	208-230	3/60	20'	Manual	3" NPT	—	—
SCC775420M	3/4	2.4	460	3/60	20'	Manual	3" NPT	—	—

\*All SC7/SCC7 Series Pumps have 2" solids handling capabilities.

