Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



SECTION: 2.15.034FM2897
0720
Supersedes
0317

TECHNICAL DATA SHEET

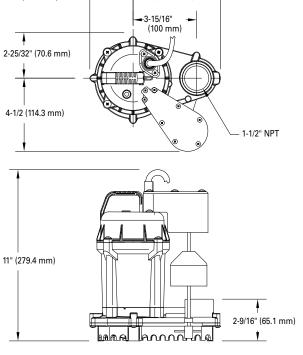
MODEL 73 SUBMERSIBLE DEWATERING PUMP

2-11/16"

(68.3 mm)

PRODUCT SPECIFICATIONS

Horse Power 1/3 Voltage 115 Phase 1 Ph Hertz 60 Hz RPM 3450 Type Permanent split capacitor Insulation Class B Amps 5.5 Operation Automatic or nonautomatic Auto On/Off Points 6-1/2" (16.5 cm)/2-1/2" (6.3 cm) Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Upper Bearing Ball bearing Lower Bearing Ball bearing							
Phase 1 Ph Hertz 60 Hz RPM 3450 Type Permanent split capacitor Insulation Class B Amps 5.5 Operation Automatic or nonautomatic Auto On/Off Points 6-1/2" (16.5 cm)/2-1/2" (6.3 cm) Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Horse Power	1/3				
Hertz 60 Hz RPM 3450 Type Permanent split capacitor Insulation Class B Amps 5.5 Operation Automatic or nonautomatic Auto On/Off Points 6-1/2" (16.5 cm)/2-1/2" (6.3 cm) Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Engineered plastic	MOTOR	Voltage	115				
Insulation Class B Amps 5.5 Operation Auto On/Off Points Discharge Size 1-1/2" (16.5 cm)/2-1/2" (6.3 cm) Solids Handling 3/8" (9 mm) spherical solids Cord Length Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Engineered plastic		Phase	1 Ph				
Insulation Class B Amps 5.5 Operation Auto On/Off Points Discharge Size 1-1/2" (16.5 cm)/2-1/2" (6.3 cm) Solids Handling 3/8" (9 mm) spherical solids Cord Length Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Engineered plastic		Hertz	60 Hz				
Insulation Class B Amps 5.5 Operation Auto On/Off Points Discharge Size 1-1/2" (16.5 cm)/2-1/2" (6.3 cm) Solids Handling 3/8" (9 mm) spherical solids Cord Length Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Engineered plastic		RPM	3450				
Amps 5.5 Operation Automatic or nonautomatic Auto On/Off Points 6-1/2" (16.5 cm)/2-1/2" (6.3 cm) Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Туре	Permanent split capacitor				
Operation Automatic or nonautomatic Auto On/Off Points 6-1/2" (16.5 cm)/2-1/2" (6.3 cm) Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Insulation	Class B				
Auto On/Off Points Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Engineered plastic Base Engineered plastic		Amps	5.5				
Discharge Size 1-1/2" NPT Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Operation	Automatic or nonautomatic				
Solids Handling 3/8" (9 mm) spherical solids Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Auto On/Off Points	6-1/2" (16.5 cm)/2-1/2" (6.3 cm)				
Cord Length 9' (2.7 m) stardard, 20' (6 m) available Cord Type UL listed with 3 prong plug Max. Head 18' (5.5 m) Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Discharge Size	1-1/2" NPT				
Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Solids Handling	3/8" (9 mm) spherical solids				
Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic	<u> </u>	Cord Length	9' (2.7 m) stardard, 20' (6 m) available				
Max. Flow Rate 38 GPM (144 LPM) Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Cord Type	UL listed with 3 prong plug				
Max. Operating Temp. 104 °F (40 °C) Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic	ଅ	Max. Head	18' (5.5 m)				
Cooling Oil filled Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Max. Flow Rate	38 GPM (144 LPM)				
Motor Protection Auto reset thermal overload Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Max. Operating Temp.	104 °F (40 °C)				
Motor Housing Cast iron Pump Housing Engineered plastic Base Engineered plastic		Cooling	Oil filled				
Pump Housing Engineered plastic Base Engineered plastic		Motor Protection	Auto reset thermal overload				
Base Engineered plastic		Motor Housing	Cast iron				
Base Engineered plastic Upper Bearing Ball bearing Lower Bearing Ball bearing	MATERIALS	Pump Housing	Engineered plastic				
Upper Bearing Ball bearing Lower Bearing Ball bearing		Base	Engineered plastic				
▼ Lower Bearing Ball bearing		Upper Bearing	Ball bearing				
		Lower Bearing	Ball bearing				
Mechanical Seals Carbon and ceramic		Mechanical Seals	Carbon and ceramic				
Impeller Type Non-clogging vortex		Impeller Type	Non-clogging vortex				
Impeller Engineered plastic		Impeller	Engineered plastic				
Hardware Stainless steel		Hardware	Stainless steel				
Motor Shaft 410 stainless steel		Motor Shaft	410 stainless steel				
Gasket NBR		Gasket	NBR				



5-13/32"

(137.3 mm)

SK3021



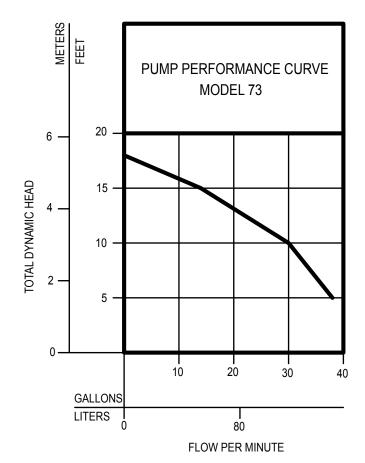
NOTE: See model comparison chart for specific details.





TOTAL DYNAMIC HEAD FLOW PER MINUTE

МС	DDEL	73		
Feet	Meters	Gal.	Liters	
5	1.5	38	144	
10	3.0	30	114	
15	4.6	14	53	
Shut-off I	Head:	18 ft. (5.5 m)		



153077

Model	MODEL COMPARISON								
	Seal	Mode	Volts	Ph	Amps	HP	Hz	Lbs	Kg
M73	Single	Auto	115	1	5.5	1/3	60	12.5	5.6
N73	Single	Non auto	115	1	5.5	1/3	60	12.0	5.4
BN73*	Single	Auto	115	1	5.5	1/3	60	13.5	6.1

^{*} Single piggyback switch included.

CAUTION All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).