PHYDROMATIC®

SK Sewage Series

Submersible Sewage Ejector Pumps **Applications** Commercial Sewage • Residential Sewage

- Septic Tank Effluent



- The Redesigned SK75 & SK100 Appearance
- The SK50 is now Available in Automatic Operation with the New Non-Clog Diaphragm Switch
- The SK60 is now Available in Automatic Operation with the Wide Angle Float Switch



SK50/60/75/100 - Submersible Sewage Ejector Pump

DETAILS

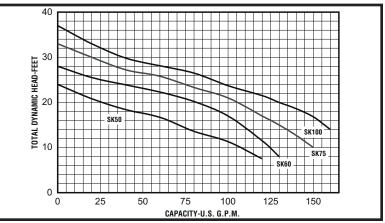
Pump Characteristics

Pump/Motor UnitSubmer/Motor SolvementSK50 Automatic ModelsPPSK50 Automatic ModelsPSK50 Automatic ModelsPPPPHorsepowerPPPPF All Cad AmpsPPPPImperatureM1M7M2M6M3M4SK60 Manual ModelsM1M7M2M6M3M4SK60 Manual ModelsA1-A21.31.1SK60 Manual ModelsA1-S3.02.51.31.1BarsepowerFPSS1.81.51.6SK60 Manual ModelsA1-M7M2M6M3M4M5SK75 Manual ModelsFM7M2M6M3M4M5SK75 Manual Models-1.0M7M2M6M3M4M5SK100 Manual Models-N7M2M6M3M4M5Integrature1.151.105.04.42.21.7Sk100 Manual Models-N7M2M6M3M4M5Integrature1.151.105.04.42.21.7Sk100 Manual Models1.151.105.04.42.21.7Integrature1.151.105.04.42.21.7 <tr <tr="">Sk100 Manual M</tr>	_				_						
KS0 Automatik Models IN INTERAL STREE Horsepower I I Full Load Amps Split Phase w/ Thermal Userfaced Porterion Mator Type Split Phase w/ Thermal Userfaced Porterion Temperature Split Phase w/ Thermal Userfaced Porterion Weight Still Phase w/ Thermal Userfaced Porterion K60 Manual Models M1 M7 M2 M6 M3 M4 M5 SK60 Automatik Models M1 M7 M2 M6 M3 M4 M5 SK60 Automatik Models A1 0 M2 0 3.0 2.5 1.3 1.1 Innegrature I2 6.9 6.0 3.0 Q.5 1.3 1.1 Innegrature I2 6.9 6.0 3.0 Q.5 1.3 1.1 Innegrature I M7 M2 M6 M3 M4 M5 SK75 Manual Models I M7 M2 M6 M3 M4 M5 Innegrature I M7 M2 M6 </td <td colspan="3"></td> <td colspan="7"></td>											
1/2 Image of the set				M1				M2			
ILO 6.0 Split Phase w/ Thermal Overload Protection Meight Split Phase w/ Thermal Overload Protection Temperature Split Phase w/ Thermal Overload Protection Weight Selit Phase w/ Thermal Overload Protection Selit Phase w/ Thermal Overload Pr	SK50 A	SK50 Automatic Models			Al						
Motor Type Split Plaze w/ Thermal Quertains Temperature Split Plaze w/ Thermal Quertains Weight Stite Note: Solution of the colspan="4">Stite Note: Solution of the colspan="4">Stite Note: Solution of the colspan="4">Solution of the colspan="4"Solution of the colspan="4"Solution of the colspan="	Horsepo	Horsepower			1/2						
Image: I	Full Load	Full Load Amps			12.0 6.0						
	Motor T	ype		Split Phase w/ Thermal Overload Protection							
K60 Manual Models M1 M7 M2 M6 M3 M4 M5 SK60 Automatic Models A1 - A2 - - - - Horsepower I2 6.9 6.0 3.0 2.5 I.3 1.1 Temperature I2 6.9 6.0 3.0 2.5 I.3 1.1 Temperature I2 6.9 6.0 3.0 2.5 I.3 1.1 Temperature Voltog F Ambient SK00 M3 M4 M5 SK10 Monual Models - M7 M2 M6 M3 M4 M5 SK00 Morsepower - M7 M2 M6 M3 M4 M5 Inseparature - SK0 M7 M2 M6 M3 M4 M5 Inseparature - - M7 M2 M6 M3 M4 M5 SK100 Manual Amps - - M7 M2 M6 M3 M4 M5 Inseparature - - M6 M3 M4 M5 SK100 Manual Amps - M7 M2 M6 </td <td>Tempera</td> <td>ture</td> <td></td> <td colspan="8">130⁰ F Ambient</td>	Tempera	ture		130 ⁰ F Ambient							
$ \begin{array}{c c c c c c } SK60 \mbox{ Automatic Models} & A1 & - & A2 & - & - & - & - & - & - & - & - & - & $	Weight	Weight			54 lbs.						
	SK60 M	SK60 Manual Models			M7	M2	M6	M3	M4	M5	
I2 6.0 3.0 2.5 1.1 ISING Amps ISING F Ambient Veight SK12 M	SK60 Au	SK60 Automatic Models			•	A2	•	•	•	-	
	Horsepo	wer		6/10							
	Full Load	Full Load Amps			12 6.9 6.0 3.0 2.5 1.3 1.1						
	Temperature			130 ^o F Ambient							
	Weight	Weight			56 lbs.						
	SK75 M	SK75 Manual Models			M7	M2	M6	M3	M4	M5	
	Horsepower						3/4				
	Full Load Amps			-	10.4	9.0	4.0	3.5	1.8	1.5	
	Temperature			140° F Ambient							
	Weight			76 lbs.							
	SK100 Manual Models			-	M7	M2	M6	M3	M4	M5	
	Horsepower						1				
	Full Load Amps			-	11.5	11.0	5.0	4.4	2.2	1.7	
Motor Type Split Phase Three-Phase R.P.M. I 1750 Phase 115 200 230 230 460 575 Phase 115 200 230 230 230 460 575 Hertz 0 230 200 230 460 575 Hertz 0 Intermittent 60 575 5015 5015 5015 5015 5015 5015 5015 5015 5015 5016	Temperature			140° F Ambient							
R.P.M. I ITS IS IS <t< td=""><td colspan="3">Weight</td><td colspan="8">78 lbs.</td></t<>	Weight			78 lbs.							
	Motor Type			Split Phase Three-Phase							
Voltage 115 200 230 230 230 460 575 Hertz 60 60 575 60 575 Operation Intermittent 60 60 575 MEMA Design Class A 60 575 Insulation Class A 60 575 Solids Hendling 2"NPT std. (3" opt.) 50 50 Solids Hendling 2" 2" 16/3, STA, 16, 10' std. (20' opt.) Solids Hendling 16/3, STA, 16, 10' std. (20' opt.) 50 50 Sk50 115V 16/3, STMA, 16, 10' std. (20' opt.) 50 Sk60 200V/230V 16/3, STWA, 10, 20' std. 50 Sk75/5K100 16/3, STWA, 10, 20' std. 50 50	R.P.M.			1750							
Heriz 60 Operation Intermittent NEMA Design A Insulation Class A Discharge Size 2" NPT std. (3" opt.) Solids Handling 2" Yever 115V Style 115V 16/3, SJTA, 10, 10' std. (20' opt.) 200V/230V 16/3, STMA, 10, 10' std. 30 16/4, STWA, 10, 20' std. 30 16/4, STWA, 10, 20' std. SK75/SK100 16/3, STWA, 10, 20' std.	Phase			1 3							
Kitz Intermittent NEMA Design Intermittent NEMA Design A Insolution Class A Discharge Size 2" NPT std. (3" opt.) Solids Hendling 2" Power Cord \$115V \$K50 115V 16/3, SJTA, 10, 10' std. (20' opt.) \$K60 200V/230V 16/3, STWA, 10, 0' std. 30 16/4, STWA, 20' std. \$K75/\$K100 16/3, STWA, 10, 20' std.	Voltage	Voltage		115	200	230	200	230	460	575	
NEMA Design A Insulation Class A Discharge Size 2" NPT std. (3" opt.) Solids Hendling 2" Power Cord StSo 115V 16/3, SJTA, 10, 10' std. (20' opt.) 230V 16/3, SJTA, 10, 10' std. 115V 16/3, SJTA, 10, 10' std. 200V/230V 16/3, STWA, 10, 20' std. 30 16/4, STWA, 20' std. SK75/SK100 16/3, STWA, 10, 20' std.	Hertz	Hertz		60							
Insulation Class A Discharge Size 2" NPT std. (3" opt.) Solids Handlinz 2" Power Cord 5K50 115V 16/3, SJTA, 10, 10' std. (20' opt.) 115V 16/3, SJTA, 10, 10' std. 20' opt.) 200V/230V 16/3, STWA, 10, 10' std. 20' opt.) 30 16/4, STWA, 20' std. 30' std. 5K75/SK100 16/3, STWA, 10, 20' std. 16/3, STWA, 10, 20' std.	Operation		Intermittent								
Discharge Size 2" NPT std. (3" opt.) Solids Handlinz 2" Power Cord 5K50 115V 16/3, SJTA, 10, 10' std. (20' opt.) SK60 200V/230V 16/3, SJTA, 10, 10' std. 20' opt.) SK60 200V/230V 16/3, STWA, 10, 10' std. 20' opt.) 30 16/4, STWA, 20' std. 30 16/3, STWA, 10, 20' std. 2' opt.) SK60 200V/230V 16/4, STWA, 20' std. 2' opt.) 16/3, STWA, 10, 20' std. 2' opt.) 16/3, STWA, 10, 20' std. 2' opt.) 16/3, STWA, 10, 20' std. 2' opt.)	NEMA Design		A								
Solids Hendling 2" Power Cord SK50 115V 16/3, SJTA, 10, 10' std. (20' opt.) 230V 16/3, SJTA, 10, 10' std. 10' std. SK60 200V/230V 16/3, STWA, 10, 10' std. 20' opt.) 3Ø 16/4, STWA, 20' std. 36' 16/4, STWA, 20' std. SK75/SK100 16/3, STWA, 10, 20' std. 16/3, STWA, 10, 20' std.	Insulation		Class A								
Power Cord 115V 16/3, SJTA, 10, 10' std. (20' opt.) 230V 16/3, SJTA, 10, 10' std. 16'////////////////////////////////////	Discharge Size			2" NPT std. (3" opt.)							
Cord SK50 230V 16/3, SJTA, 10, 10' std. XK0 230V 16/3, SJTA, 10, 10' std. 16/3, STWA, 10, 10' std. SK60 200V/230V 16/3, STWA, 10, 20' std. 30 30 16/4, STWA, 20' std. SK75/SK100 16/3, STWA, 10, 20' std.	Solids Handling		2"								
Construct 230V 16/3, SJTA, 10, 10' std. 115V 16/3, STWA, 10, 10' std. (20' opt.) 200V/230V 16/3, STWA, 10, 20' std. 30 16/4, STWA, 20' std. 5K75/5K100 16/3, STWA, 10, 20' std.		SK50	115V	16/3, SJTA, 1Ø, 10' std. (20' opt.)							
SK60 200V/230V 16/3, STWA, 10, 20' std. 30 16/4, STWA, 20' std. SK75/SK100 16/3, STWA, 10, 20' std.			230V								
3Ø 16/4, STWA, 20' std. SK75/SK100 16/3, STWA, 10, 20' std.		SK60	115V								
SK75/SK100 16/3, STWA, 10, 20' std.			200V/230V								
SK75/SK100			3Ø	16/4, STWA, 20' std.							
16/4, STWA, 30, 20' std.		647	s /sv 100	16/3, STWA, 10, 20' std.							
		51(/:	5/5K100	16/4, STWA, 30, 20' std.							

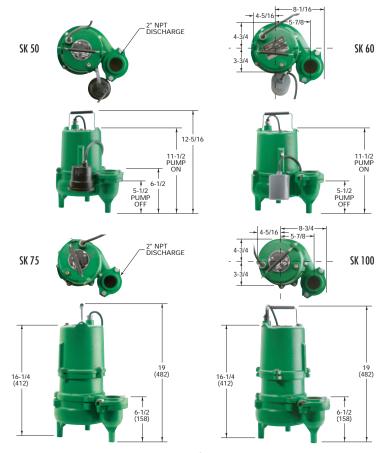
Materials of Construction

Handle	Steel				
Lubricating Oil	Dielectric Oil				
Motor Housing	Cast Iron				
Pump Casing	Cast Iron				
Shaft	Stainless Steel				
Mechanical Shaft Seal	Seal Faces: Carbon/Ceramic Seal Body: Brass Spring: Stainless Steel Bellow: Bound-N				
Impeller	Cast Iron				
Upper Bearing	Single Row Ball Bearing				
Lower Bearing	Single Row Ball Bearing				
Fasteners	Stainless Steel				

Performance Data



Dimensional Data



All dimensions in inches. Metric for international use. Component dimensions may vary \pm 1/8 inch. Dimensional data not for construction purpose unless certified. Dimensions and weights are approximate. On/Off level adjustable. We reserve the right to make revisions to our product and their specifications without notice.



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