

MOTOR SPECIFICATIONS

Motor Design	NEMA design B, squirrel cage induction, air filled
Motor Type	Enclosed submersible, IP 68
Maximum submergence	65 feet (20m)
Insulation Class	Class F, rated at 155° C
Motor Protection	Bi-metallic Thermal Switch
Bi-Metallic Temp Trip	130° C ± 5° C
Service Factor	1.15
Max. Liquid Temperature	104°F (40°C)
Voltage Tolerance	± 10% from nominal



MOTOR DATA, 60Hz

Model	Phase	Output Power BHP	Volts	Full Load Amps	Locked Rotor Amps	NEMA Code Letter	Power Factor 100% Load	Motor Efficiency 100% Load	Pole/Speed (rpm)
			460	14	88	H	.88	.85	2/3450
SL1000SS-2	3	10	575	11	71	H	.88	.85	2/3450

MATERIALS OF CONSTRUCTION

Upper Motor Lid	AISI 304 Stainless Steel
Motor Housing	AISI 304 Stainless Steel
Oil Chamber	AISI 304 Stainless Steel
Strainer	AISI 304 Stainless Steel
Volute	AISI 304 Stainless Steel
External Hardware	AISI 304 Stainless Steel
O-Rings	Viton ®
Motor Shaft	AISI 416 Stainless Steel
Upper Bearing	Deep groove ball bearing, double sealed
Lower Bearing	Double row angular contact ball bearing, double shielded
Shaft Seal	SiC/SiC
Impeller	AISI 316 Stainless Steel

DIMENSIONS, WEIGHT, AND MISC.

Pump weight (without cable)	230 lbs (69kg)
Discharge size	3 inch NPT male vertical
Strainer Opening	18.90mm

CABLE SPECIFICATIONS

MODEL	PHASE/VOLTAGE	POWER CABLE	LENGTH	OUTER JACKET
SL1000SS-2	3Ø-460V	Drill Cord SOOW 10/5, 12/4	50' Standard	CPE, Heavy Duty
	3Ø-575V	Drill Cord SOOW 10/5, 12/4	50' Standard	CPE, Heavy Duty



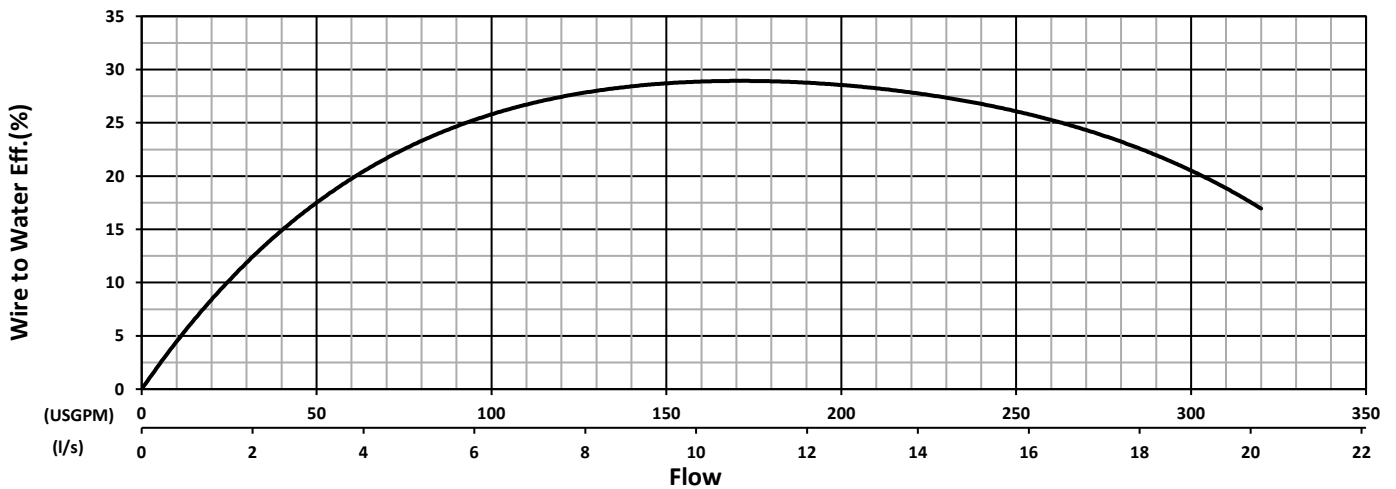
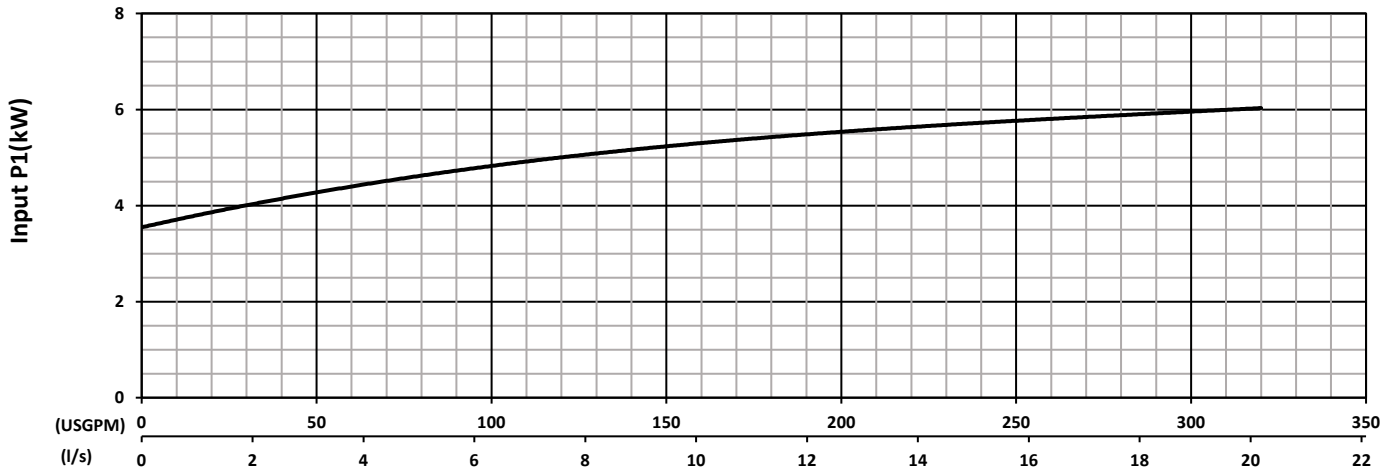
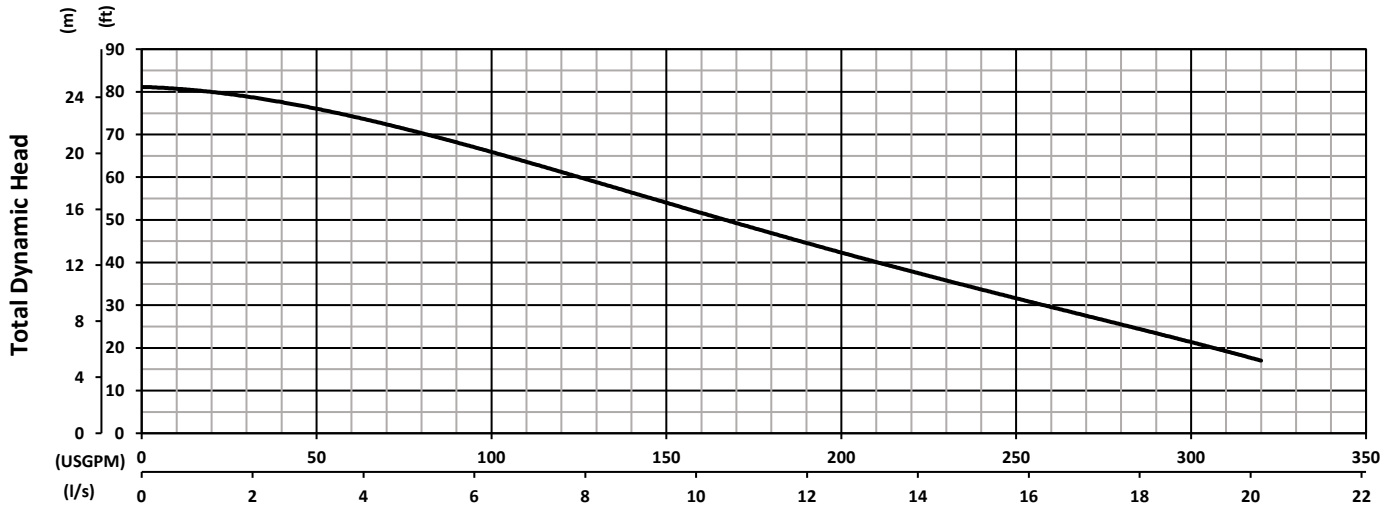
PERFORMANCE CURVE

Trash Pump SL1000SS-2 & SL1000SSD-2

Dwg: DS-A19-047

Rev: 1

Date: 7/21/2023



Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

- Dual Units

Frequency 60 Hz
Pump Speed 3450 RPM
Impeller 140mm

Specifications subject to change without notice

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