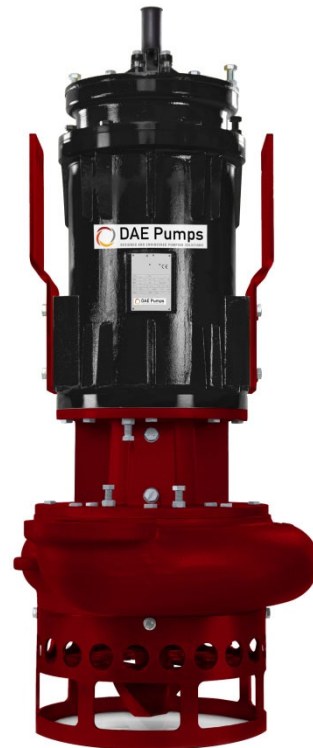


Miramar L1160

Submersible Slurry Pumps



DAEPUMPS.COM

info@daepumps.com

(760) 821-8112

Miramar L1160

The **Miramar Slurry Pumps** are the toughest, and have the largest apertures to facilitate handling of slurry with the most challenging solids.



EFFICIENT MOTOR

Electric motor insulation class H with PTC and

EASY ACCESS

Efficient motor cooling with top discharge and side flow

ROBUST DESIGN

Heavy duty bearings to withstand hocks and overloads

HIGH ABRASION RESISTANCE

Thanks to the high-chrome wear parts

REINFORCED SEALING

A double silicon carbide mechanical seal for duty application

HIGHER SOLIDS HANDLING

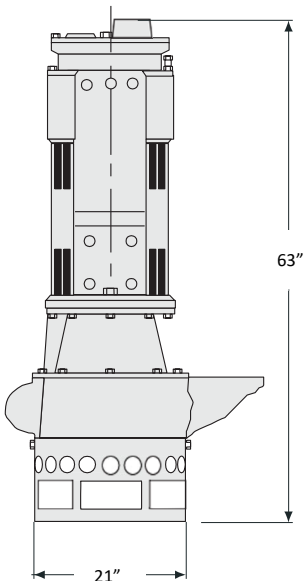
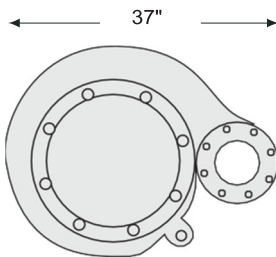
Slurry pumps can handle solids up to 2.5 in

SUSTAINABLE PERFORMANCE

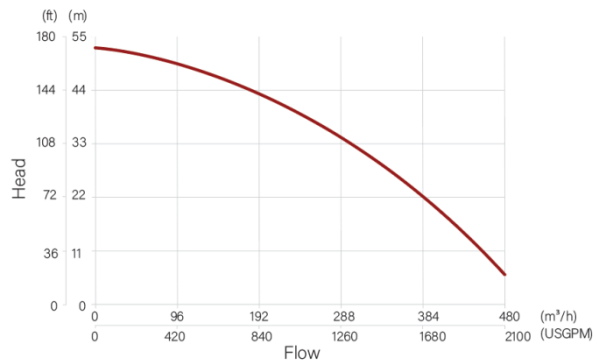
High efficiency high chrome agitator to lift settled solids

SOLIDS HANDLING 2.5 IN

Miramar L1160



Specifications		3ph
Max. head	ft	174
Max. flow	US gpm	2112
	m3/hr	486
Rated output	hp	101
Max. power input	kW	107
Discharge connection	in	ASME 6" 150lb
Max solid handling	in	2.5
Weight and dimensions		
Weight	lbs	2359
Height	in	63
Width	in	37
Diameter	in	21



Typical applications

- Abrasive media with high solids content
- Quarries
- Dredging
- Settling ponds



Product code	Miramar L1160
Installation	Portable slurry pump
Discharge connection	6" ASME/DIN
Hydraulic range	S - Standard Head
Solid handling	2.4"
Liquid temperature	max 95°F (35°C), standard
pH of the liquid pumped	pH 4-10
Frequency	60 Hz
Number of Poles	4
Insulation class	H
Protection Class	IP68
Thermal contacts	230°F (110°C)
Cable	H07RN-F 4G35/TYPE 4xAWG2
Cable length	65 ft (20m)
Outer casing	CI Alloy
Impeller	Cr Alloy CI
Wear parts	Cr Alloy CI
Stator housing	CI Alloy
Strainer	Steel
Shaft	Stainless steel
O-rings	Viton
Discharge connection	Steel
Bearings	Heavy Duty Bearings
Motor Side Seals	2 lip seals (BUNA)
Impeller Side Seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Starting method	External DOL starter



Power Rating

Rated power P2: 3.7 kW (5.0 HP)

Voltage	Max. power input P1	Rated current
460V / 3 Ph	79.9 kW (107.1 HP)	114 A

*Other voltages available on request

Control panel

For easy control of pumps, different options available.



Discharge connections

It can be mounted in either a vertical or horizontal position.



Slim Adapter

For lowering pumps in narrow pipes and manholes D50H, D60H, D70H, D90H only



Raft

For easy floatation of pump with fluctuating water levels. Strainer option available



Level regulators

For easy control of water level by automatic pumpswitch-on/-off:



Zinc anodes

Specifically required for pumping water with a high concentration of salts such as sea water, brine, etc.



Low suction collar

To easily drain the water level down to the floor.

Epoxy coating

For protecting pumps in highly acidic media.

Service kits

Seal kit

The seal kit is the proper selection of high quality components for a mechanical seal change to ensure trouble-free operation after servicing.

- O-ring kit
- Mechanical shaft seal



Instant service pack

The instant service pack is a preassembled, tested and ready-to-use seal system containing the mechanical shaft seals, bearings, gaskets and oil to ensure trouble-free operation. It offers a quick onsite repair option due to ease of installation and therefore reduces the machine downtime cost.



Wear part kit

The wear part kit is a typical selection of components to bring the pump performance back to factory standard. The ideal solution for a machine overhaul or refurbishment.

- O-ring kit
- Mechanical shaft seal
- Impeller
- Wear plate
- Diffuser
- Impeller nut