

# TECHNICAL DATA

A

Date 12/22/15

Series A31

## MOTOR SPECIFICATIONS

Motor Design	Air Filled
Applications	Effluent water
Insulation Class	Class B
Maximum Liquid Temp	0-40 C ( 32 - 104 F )
Frequency	60 HZ
RPM	3420

## PUMP & MOTOR DATA

Impeller	Semi Open
Solid Size	1/4"
Discharge	3"
Motor	2 Pole
KW /Hp	.75 / 1 hp
Phase	1 & 3
Cable	VCT or SJOW/SOW 23 Ft
Protection	Auto Cut

## MATERIALS OF CONSTRUCTION

Motor Housing	SUS 304	
Impeller	FC-200	
Volute	FC-200	
Rotor	SUS 410	
Hardware	316 SS	
O-Rings	BUNA"N"	
Upper Bearing	Roller Bearing	
Lower Bearing	Roller Bearing	
Mechanical Seal	Lower Upper	Silicon /Silicon Carbon /Ceramic

## DIMENSIONS, WEIGHT

Pump weight	42 Lbs
Maximum Submergence	100 Ft
Optional	Float Switch

Model	A31	1Ph	1Ph	3 Ph	3 Ph	3 Ph
		115	230	230	460	575
Amps		10.4	5.2	3.3	1.6	