

# TECHNICAL DATA

100SFP27.5

Date 12/22/15

Series SF

## MOTOR SPECIFICATIONS

Motor Design	Air Filled
Applications	Waste Water
Insulation Class	Class F
Maximum Liquid Temp	0-40 C ( 32 - 104 F )
Frequency	60 HZ
RPM	3490 RPM

## PUMP & MOTOR DATA

Impeller	Semi-open P Type
Solid	1.25"
Discharge	4"
Motor	2 Pole
KW /Hp	7.5 kW / 10 Hp
Phase	3
Cable	VCT or H07RN-F or SJOW/SOW 50 Ft
Protection	Moisture & Thermal Sensors

## MATERIALS OF CONSTRUCTION

Motor Housing	SUS316	
Upper Cover	SCS14	
Shaft End	SUS316	
Casing	SCS14	
Impeller	SCS14	
O-Rings	Viton	
Upper Bearing	Ball Type	
Lower Bearing	Ball Type	
Mechanical Seal	Lower	Silicon / Silicon
	Upper	Carbon / Ceramic

## DIMENSIONS, WEIGHT

Pump weight (without cable)	159 lbs.
Maximum Submergence	100 Ft.
Optional	

Model	100SFP27.5	1Ph	1Ph	3 Ph	3 Ph	3 Ph
		115	230	230	460	575
Amps		-	-	24.6	12.3	-