



# TECHNICAL DATA

# Avenger Series

# SSS-200

**STANCOR****Dwg:** DS-A14-011**Rev:****Date:** 08/16

## MOTOR SPECIFICATIONS

<b>Motor Design</b>	Induction
<b>Motor Type</b>	Enclosed submersible
<b>Insulation Class</b>	Class B
<b>Motor Protection</b>	Bi-metallic Thermal Switch
<b>Bi-Metallic Temp Trip</b>	120° C ± 5° C
<b>Service Factor</b>	1.3
<b>Voltage Tolerance</b>	± 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)
SSS-200	1	2	115	26	130	J	92.50%	70.60%	2/3450
	1	2	208	14.4	72	J	99.30%	65.30%	2/3450
	1	2	230	13	65	J	99.30%	65.30%	2/3450
	3	2	208	7.7	38.5	H	89.70%	75.30%	2/3450
	3	2	230	7	35	H	89.70%	75.30%	2/3450
	3	2	460	3.5	17.5	H	89.20%	75.20%	2/3450

## MATERIALS OF CONSTRUCTION

<b>Discharge Connection</b>	AISI 304 Stainless Steel
<b>Motor Housing</b>	AISI 304 Stainless Steel
<b>Oil Chamber</b>	AISI 304 Stainless Steel
<b>Volute</b>	AISI 304 Stainless Steel
<b>External Hardware</b>	AISI 304 Stainless Steel
<b>O-Rings</b>	NBR
<b>Motor Shaft</b>	Stainless Steel-410
<b>Upper Bearing</b>	Single row, doubled sealed
<b>Lower Bearing(s)</b>	Single row, doubled sealed
<b>Upper Shaft Seal</b>	CA/CE
<b>Lower Shaft Seal</b>	CA/CE
<b>Impeller</b>	AISI 304 Stainless Steel

## DIMENSIONS, WEIGHT, AND MISC.

<b>Pump weight</b>	59lbs (27kg)
<b>Maximum submergence</b>	33 feet (10m)
<b>Discharge size, standard</b>	2 inch NPT female vertical
<b>Maximum temp. of pumped fluid</b>	104°F (40°C)
<b>Inlet Opening</b>	6mm

## CABLE SPECIFICATIONS

MODEL	PHASE/VOLTAGE	POWER CABLE	LENGTH	OUTER JACKET
SSS-200	1Ø-115V	SJTW 12/3	50feet (15m)	NBR
	1Ø-208V	SJTOW 14/3	50feet (15m)	NBR
	1Ø-230V	SJTOW 14/3	50feet (15m)	NBR
	3Ø-208V	STOW 16/4	50feet (15m)	NBR
	3Ø-230V	STOW 16/4	50feet (15m)	NBR
	3Ø-460V	STOW 16/4	50feet (15m)	NBR

Specifications subject to change without notice