



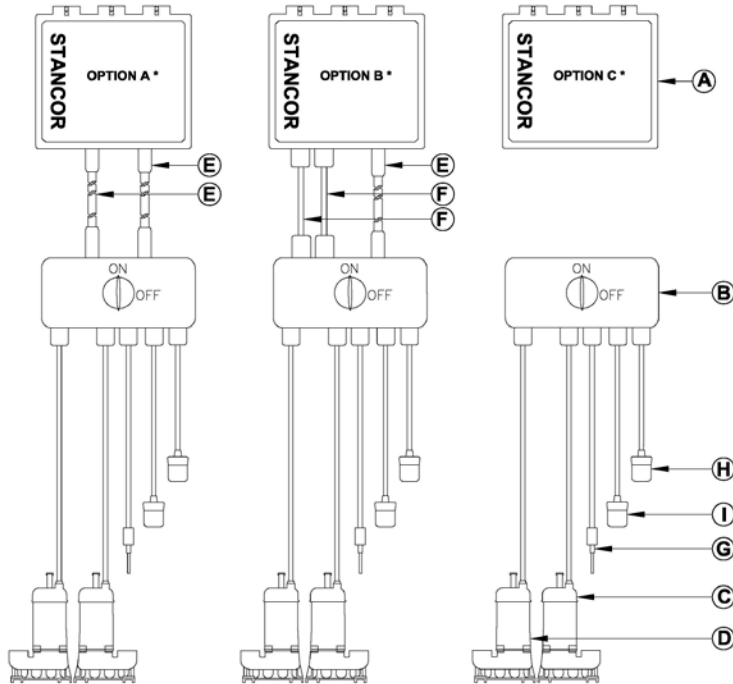
# 2 L O 0 L Q Duplex System, J-Box + Disconnect, Tethered Floats

**Dwg:** DS-B04-009    **Rev:** 1    **Date:** 2/18    **Series:** SE

## Construction

<b>Motor Design</b>	Induction	<b>Motor Housing</b>	Stainless Steel
<b>Motor Type</b>	Enclosed submersible	<b>Volute</b>	Cast Iron
<b>Insulation Class</b>	Class B	<b>External Hardware</b>	Stainless Steel
<b>Motor Protection</b>	Bi-metallic Thermal Switch	<b>O-Rings</b>	Nitrile (Buna N)
<b>Bi-Metallic Temp Trip</b>	120° C ± 5° C	<b>Motor Shaft</b>	Stainless Steel
<b>Max Fluid temp</b>	104°F (40°C)	<b>Impeller</b>	Cast Iron
<b>Upper Shaft Seal</b>	Carbon/Ceramic	<b>Lower Shaft Seal</b>	Sic/Sic

## Configurations



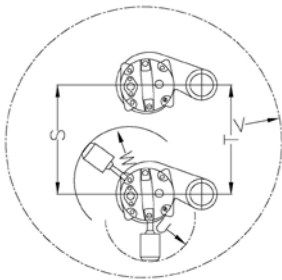
Item	Description
A	Control Panel
B	J-Box + Disconnect
C	Pump A*
D	Pump B*
E	8 Pin Cable**
F	Pump Power Cable**
G	Sensor Probe*
H	High Float*
I	ON Float*

\*16' Standard (Consult Factory for Additional Lengths).

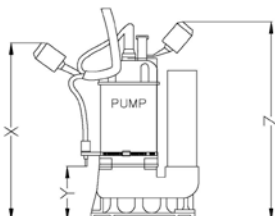
\*\*25' Standard (Consult Factory for Additional Lengths).

\*See O/M System Data for Option

## Installation Dimensions



OPTION A \*



Description	Item	SE-40	SE-50	SE-100
Min. Pump Dist.**	S	14.1"	14.1"	14.1"
Min. Fitting Dist.***	T	11"	11"	11"
High Float Radius	U	10.6"	10.6"	10.6"
Min. Sump Ø	V	21.7"	21.7"	21.7"
ON Float Radius	W	10.6"	10.6"	10.6"
Pump ON	X	12"	13"	14.9"
Pump OFF	Y	3.25"	3.25"	3.25"
High Alarm	Z	16"	17"	20"

\*Standard as shipped from factory.

\*\*Minimum distance required for proper pump performance.

\*\*\*Fitting dimensions are based on ANSI/ASME B16.3 standards.

Factory minimum recommended sump size is 36" x 36" x 24".