



**Application**

AquaMotion's Shut Off Valves are fitted with flanges that can be rotated to accommodate vertical or horizontally oriented flanges and correct for any misalignment. The rotating flanges also allow the handle to be positioned for any installation. Opening or closing of the valves requires only a quarter turn of the valve handle. Closing the valves allows for quick and easy removal and installation of the circulator without requiring the system to be drained.

**Description**

- Forged brass body full port for water application
- 600 PSI Non-Shock WOG
- Packing gland and O-ring on stem is reliable seal mode
- Heavy duty rust resistant handle with grip
- Solder ends comply with ANSI B16.18
- Thread ends comply with ANSI B1.20.1
- 20°C to 65°C (-4°F to 149°F) temperature range
- Allows draining of the non-pressure side of the valve when close

**Overall & Structure Dimension**

	SO75S	SO100S	SO125S
<b>Structure</b>	3/4" SweatxFLA	1" SweatxFLA	1 1/4" SweatxFLA
<b>Port Size</b>	0.748	0.984	1.260

	SO75T	SO100T	SO125T
<b>Structure</b>	3/4" FPTxFLA.	1" FPTxFLA.	1 1/4" FPTxFLA.
<b>Port Size</b>	0.748	0.984	1.260

Part Number	Size (IN)	Dimension (IN)			WT	
		A	B	C	(KG)	(LBS)
SO75S	3/4" SWEAT	4.29	2.09	4.37	0.822	1.808
SO100S	1" SWEAT	4.29	2.38	4.37	0.958	2.107
SO125S	1-1/4" SWEAT	5.63	2.56	4.37	1.142	2.512
SO75T	3/4" NPT	4.29	2.09	4.37	0.856	1.883
SO100T	1" NPT	4.29	2.38	4.37	0.975	2.145
SO125T	1-1/4" NPT	5.63	2.56	4.37	1.192	2.622

<b>Submittal Data Sheet</b> <b>SD110</b>	<b>EFFECTIVE</b> <b>5/12/17</b>
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SUBMITTAL DATA APPROVAL	
For: _____	
Job: _____	
Date Submitted: _____	By: _____
Date Approved: _____	By: _____
Model Number: _____	Quantity: _____
Model Number: _____	Quantity: _____
Model Number: _____	Quantity: _____
Model Number: _____	Quantity: _____

