

## SSS SERIES

### STAINLESS STEEL CENTRIFUGAL PUMP



#### FEATURES

- Easy installation and operation.
- Designed by Pentair with the highest quality, performance and efficiency standards, the SSS range of stainless steel pressure pumps are suitable for a range of agricultural, commercial and industrial applications.
- Continuously rated.
- Built in thermal protection.  
(Only for models SSS702, SSS2102)

#### APPLICATIONS

- Agricultural
- Commercial
- Industrial
- Water Transfer
- Wash Down
- Mild Chemical use\*

\*Viton seal kits are available for mild chemical use.

#### MOTOR

- TEFC 2 pole motor
- 240V 1 Phase
- Nominal speed: 2900 rpm
- IP rating: IPX4
- Insulation class: F
- Frequency: 50Hz
- Bearing type: NSK

#### OPERATING CONDITIONS

Suitable for pumping clean, non-aggressive liquids without solids or fibres in suspension.

- Max. Working Pressure: 10 BAR
- Liquid Temp. Range: 85°C
- Max. Ambient Temp: 55°C

#### PUMP CONSTRUCTION MATERIALS

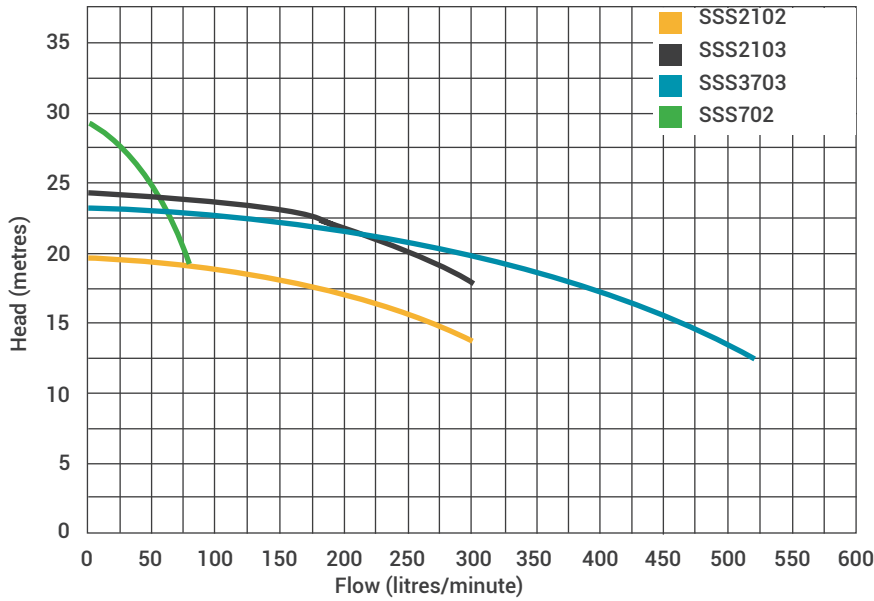
- Pump casing: 304SS
- Impeller: 304SS
- Motor Shaft: 304SS
- O-ring - pump casing: Nitrile

#### MECHANICAL SEAL

- Stationary face: Silicon carbide
- Rotating face: Graphite
- Spring: 304SS

# SSS SERIES - Technical Data

## HYDRAULIC PERFORMANCE CURVE



PERFORMANCE																					
Model	Power		l/min m <sup>3</sup> /h	0	30	40	60	80	100	120	140	160	180	200	250	300	350	400	430	480	520
	kW	HP		0	1.8	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	15	18	21	24	26	29	31
SSS702	0.55	0.75		29.5	27.3	26.3	23.4	19.1													
SSS2102	1.1	1.5		19.7						18.7	18.3	18.0	17.5	17.1	15.6	13.6					
SSS2103	1.5	2.0		24.2						23.5	23.2	22.8	22.4	21.8	20.2	18.0					
SSS3703	2.2	3.0		23.1										21.7	20.9	20.0	18.8	17.2	16.2	14.2	12.3

ELECTRICAL			
Model	Amps	Power	
		kW	HP
SSS702	4	0.55	0.75
SSS2102	6	1.1	1.5
SSS2103	8.5	1.5	2.0
SSS3703	12	2.2	3.0

DIMENSIONS									
Model	Ports		L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
	DN1	DN2							
SSS702	1 1/4	1	332	210	224	119	55	149	110
SSS2102	1 1/2	1 1/4	392	210	234	129	55	149	110
SSS2103	1 1/2	1 1/4	440	210	250	129	55	149	110
SSS3703	2	1 1/4	440	210	250	129	55	149	110

