

POND SERIES

RESIDENTIAL SUMP PUMPS

POWER : 1/7~1/3HP (100~250W)

MAX.HEAD : 3feet (10.5m)

MAX.FLOW : 48US.GPM(0.18m³/min)



PRODUCT NOMENCLATURE

Example :

POND	-	100	A
Type		Watt	Version

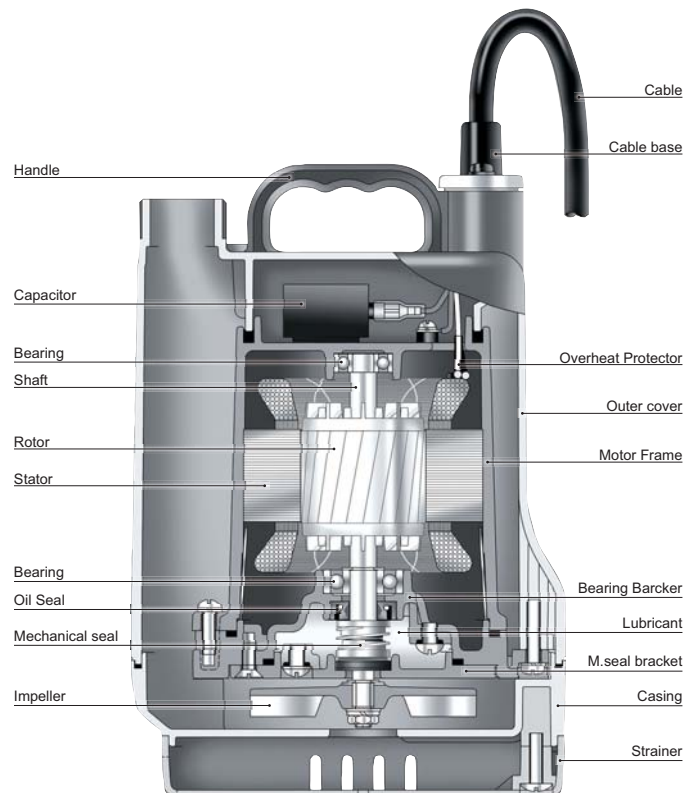
FEATURE

- An excellent architectural design: Stunning streamline design, space saving and robust.
- High capacity performance: Highly efficient 100W and 150W motors with low amperage providing energy savings.
- Weather-proof AAS plastics, Built-in overheat protector, IP68 quality approved (highest submersible standard) waterproof structure, equipped with mechanical seal, oil seal, and epoxy resin sealed cable base. Durability built into design provides a longer life expectancy.
- Precise aluminum motor housing design, lash water resistance.
- New Vortex design with superior performance.
- Outlet discharge is available in 1/2 inch, 3/4 inch, and 1 inch.

APPLICATIONS

- Tank water circulating, Gardening, Dewatering, Water recycles, Water supply or drainage. Commercial Beautification Ponds and Residential Ponds.

Not suitable for seawater, strong acid or alkali liquid.



POND SERIES RESIDENTIAL SUMP PUMPS

POND-100A · POND-150A · POND-S250

SPECIFICATIONS

Item		Description	
Model		POND-100A/150A	POND-S250
Limits of Use	Liquid Temp.	0~40°C(32~104°F)	
	Applications	Fresh Water · Basins and Tanks	Seawater · Marine Culture
Type	Frequency	60Hz	
	Motor	2P(3600rpm) · Dry Motor	
	Insulation	Class B	
	Protection	IP68	
	Protector	Overheat Protector	
	Bearing	Ball type	
	M.seal	Double M.seals	
	Impeller	Semi-open	
Material	Outer Cover	ASA	PP
	Motor Frame	ADC12 (EPD Coating)	SUS305
	Shaft End	SUS410	
	M.seal	CA/CE	Sic/Sic
	Casing	ASA	PP
	Impeller	ABS717	PA
	Cable	H05RN-F or SJTW/SJOW	
Optional		—	



POND-100A · POND-150A



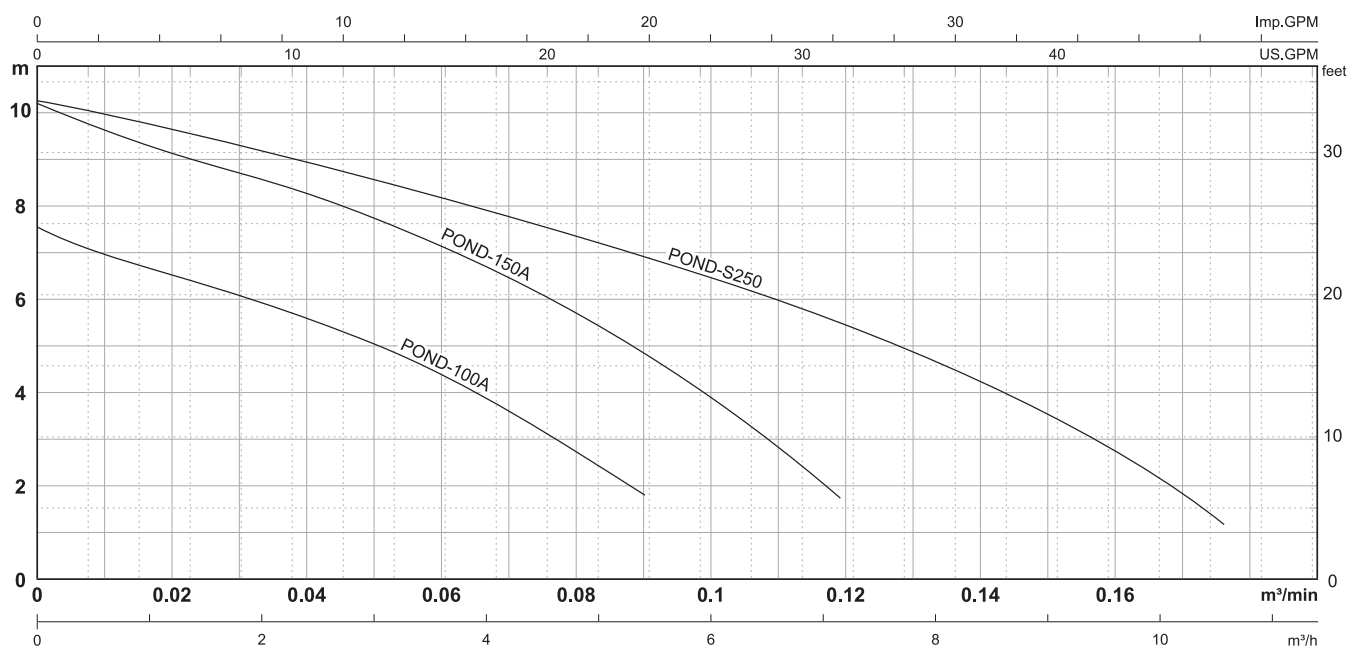
Semi-open Impeller



POND-S250

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lb)	3Ø-kg(lb)		110V	220V	220V	230V	380V	460V	575V
POND-100A	1/7(0.1)	1"(25)	5-0.05	15-13	7.5-0.1	25-26	4(1/4")	4(9)	—	Full load Ampere	2.0	1.0	—	—	—	—	—
POND-150A	1/5(0.15)	1"(25)	7-0.06	22-16	10.5-0.12	35-32	4(1/4")	4.4(10)	—		3.0	1.5	—	—	—	—	—
POND-S250	1/3(0.25)	1.25"(32)	6.5-0.1	22-26	10.5-0.18	35-48	4(1/4")	4.1(9)	—		4.2	2.1	—	—	—	—	—

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	5'	10'	15'	20'	25'	30'	Q:m³/min							
										0.02	0.04	0.06	0.08	0.1	0.12	0.14	0.16
POND-100A	1/7(0.1)	1"(25)	Q:US.GPM	—	20 1/4	15 1/4	7 3/4	—	—	H:m	6.5	5.6	4.4	2.7	—	—	—
POND-150A	1/5(0.15)	1"(25)		—	28 1/2	24 1/2	19 3/4	13 3/4	5 1/4		9.1	8.3	7.1	5.7	3.9	—	—
POND-S250	1/3(0.25)	1.25"(32)		45 3/4	41 1/4	35 1/2	28 1/2	19 1/2	9		9.7	8.9	8.2	7.4	6.5	5.5	4.3