

ShinMaywa

See the Difference.

The ShinMaywa Norus submersible pump is one of the most reliable and durable pumps sold in today's water garden market. The pump exterior features a seamless stainless steel stator casing combined with a superior corrosion resistant Poly Amide Fiber reinforced base and top housing. The air filled continuous duty motor is complimented with a cast aluminum bearing housing which provides better heat dissipation and structural integrity. The Poly Amide Fiber Reinforced vortex impeller provides superior durability over ordinary ABS resin impellers.

With its ultra long life span, low operating cost, and proven reliability, makes the Norus series from ShinMaywa your pump of choice for today's water garden market.

- Continuous duty
- High Efficiency
- Corrosion Resistant



Performance In GPH

Open Flow	Model	HP	Watts	5'	10'	15'	20'	MaxLift	Cord	Operating Cost*
3,300	50CR2.15S	1/5	328	2,700	1,800	900	-	19'	20'	\$21.60
4,800	50CR2.25S	1/3	414	4,000	3,000	2,100	1,200	27'	32'	\$28.80
5,700	50CR2.4S	1/2	567	5,100	4,320	3,420	2,700	37'	32'	\$36.60
7,000	50CR2.75S	1	1,088	6,900	6,000	5,400	4,800	48'	32'	\$70.50

* Based on .09 cents per kilowatt hour, and 24 hour operation.

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High Efficiency Motor

Industry leading Class E insulation for long life and low operating cost.

Excellent Corrosion Resistance

304 stainless steel and Poly Amide fiber reinforced resin provides superior corrosion resistance even in hard applications.

NEW

Seal Extender

Proprietary design cools seal surface more efficiently than standard seal designs.

Impeller To Shaft Connection

A stainless steel shaft and 304 S.S. impeller boss provides a solid reliable connection.

Cable Entry

Anti-wicking design prevents water from entering the motor housing should the cable get damaged.

Thermal Overload

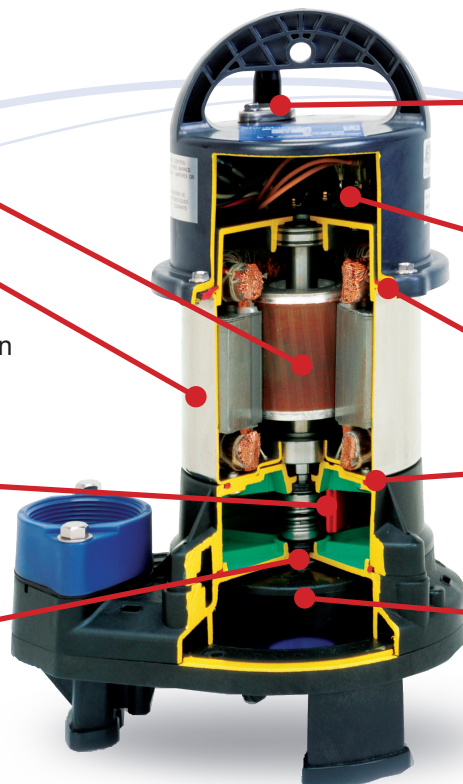
Prevents motor from overheating due to locked rotor or under voltage.

Stator O-Rings

Our new stator o-rings design provides 250% more sealing surface.

Vortex Impeller Design

Superior solids handling characteristics, especially with fibrous and stringy materials.



Standard Specifications

Applicable Liquid	Liquid Type	Sewage and Wastewater or Water Containing Sludge	
	Liquid Temperature	0 ~ 104°F. (40°C)	
Motor	Type	Dry-Type Submersible Induction Motor (3,600rpm/60Hz)	
	Insulation Class	Class E	
	Phase/Voltage	Single/115V or 230V (1/5 ~ 1hp)	Three/230V or 460V (1/5 ~ 3hp)
	Starting Method	Condenser-Run	Direct-on-Line
	Discharge Size	2" NPT (50mm)	2" NPT (50mm) for 1/5 ~ 1hp 3" NPT (80mm) for 2 ~ 3hp
Construction	Impeller	Vortex	
	Solid Passage Diameter	1 1/4" (35mm)	1 1/4" (35mm) for 1/5 ~ 1hp 1 4/5" (46mm) for 2 ~ 3hp
	Shaft Seal	Double Mechanical Seal	
		Wet side: Silicon Carbide (SiC) x Silicon Carbide (SiC)	
	Power Cable	Motor side: Ceramic x Carbon (1/5 ~ 1hp)	SiC x SiC (2 ~ 3hp)
		20ft for 1/5hp 32ft for 1/3 ~ 1hp	20ft for 1/5hp 32ft for 1/3 ~ 3hp
Material	Pump Shaft	420J2 S.S.	420J2 S.S. for 1/5 ~ 1hp 304 S.S. for 2 ~ 3hp
	Stator Casing	304 S.S.	
	Pump Casing	Poly Amide Fiber Reinforced Resin	
	Bearing	Upper: Anti-creeping Pre-lubricated Double Shielded Lower: Pre-lubricated Double Shielded	
	Impeller	Poly Amide Fiber Reinforced Resin	
Optional	Guide Rail	Connection, Lifting Chain, Sliding Bracket, Guide Holder, Shackle.	