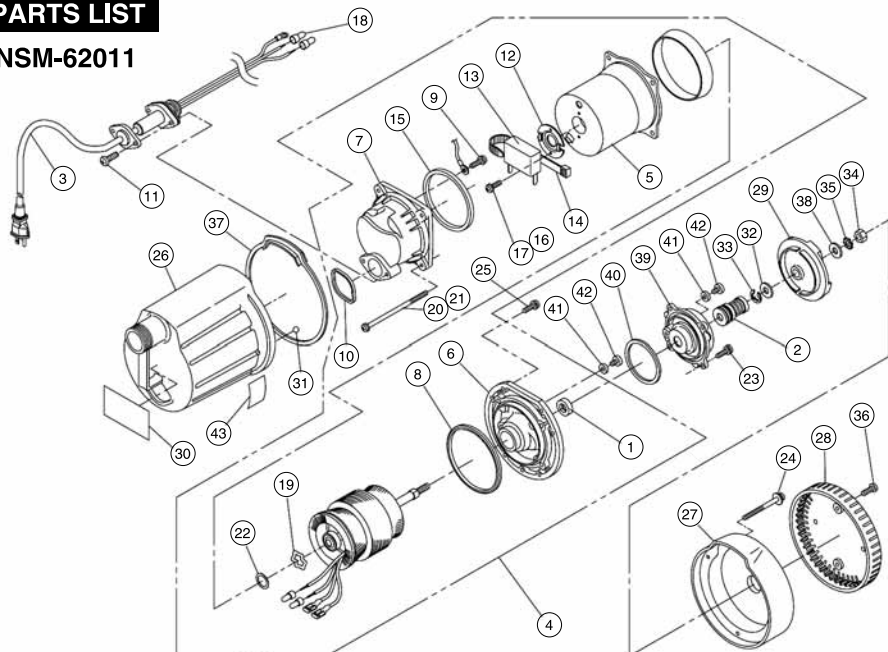


PARTS LIST

NSM-62011



No.	PARTS CODE	PARTS NAME	QTY	STANDARD, MATERIAL
1	893555008	Oil Seal	1	NBR SC.8.18.7
2	0340012	Mechanical Seal	1	
3	0341033	Power Cord	1	VCT 0.75-3C 4m
4	0348150	Motor Assy	1	110V 48W
5	0340196	Motor Frame	1	SPC
6	0340199	Front Bracket	1	ADC
7	0340202	Head Cover	1	ADC
8	0340206	Frame Packing	1	NBR
9	704119074	⊕Screw	1	SWRM M4×8
10	0340327	Out Packing	1	NBR
11	703305102	⊕Screw	2	SUS M5×14
12	0340217	Bearing Plate	1	SPC
13	0340328	Condenser	1	6μF 250VAC
14	0341092	Band	1	CV-175
15	0340208	Head Packing	1	NBR
16	703319050	⊕Screw	2	SWRM M3×6
17	843819003	Spring Washer	2	SWRM φ3
18	944500002	Solderless Connector	2	CE-2
19	857627608	Wave Washer	1	BWW-608
20	0341093	⊕Screw	4	SUS M5×92
21	843805005	Spring Washer	14	SUS φ5
22	0341094	Thrust Washer	1	
23	708105046	⊕Screw	4	SUS M5×12
24	0340596	SM Tapping Screw	3	SUS 4×57.5×27S
25	0340916	⊕Tapping Screw	6	SUS 5×20

No.	PARTS CODE	PARTS NAME	QTY	STANDARD, MATERIAL
26	0341022	Outer Cover	1	ABS
27	0340015	Casing	1	
28	0340042	Strainer	1	ABS
29	0340210	50Hz Impeller	1	POM
30	0341027	Label	1	PVC+PP
31	0340265	Ball	1	SUS
32	0341321	Impeller Collar	1	SUS
33	888705006	Stop Ring	1	SUS
34	839605006	U Nut	1	SUS M6
35	845205006	Tooth Washer A	1	SUS φ6
36	718505035	⊕Tapping Screw	2	SUS 4×12
37	0340774	Casing Packing	1	CR+NBR
38	846205006	Washer	1	SUS φ6
39	0340187	Mecha Box	1	PBT+GF
40	0340209	Mecha Packing	1	NBR
41	0340142	Seal Ring	2	NBR
42	0340153	⊕Screw	2	SUS M6×8
43	0340482	Caution Label	1	PVC



HIGH PERFORMANCE SUBMERSIBLE PUMP OPERATION MANUAL

NEW PONDY

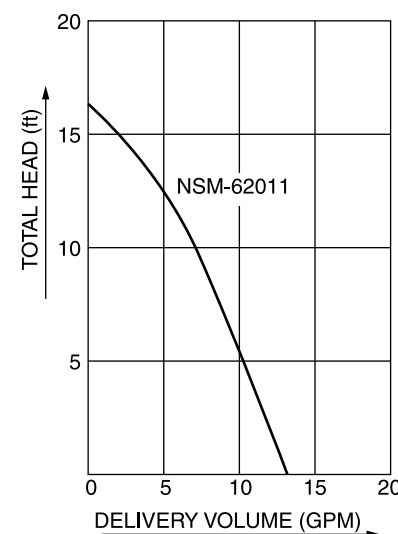
NSM MODEL

Thank you for purchasing KOSHIN submersible pump.
Upon receipt, please check the following:

- Model is exactly what you have ordered.
- There is no damage made during transportation.
- Accessories are all supplied.
- Please contact dealer if need further assistance.

Please read manual before operation.

PERFORMANCE CURVE



Note: Performance ratings are guaranteed minimum, not inflated maximum.

SPECIFICATIONS

Model	NSM-62011
Connection Dia	3/4" (20 mm)
Total Head	16.4 ft (5 m)
Delivery Volume	13.2 GPM (50 L/min)
Voltage	AC-115 V
Frequency	60 Hz
Rated Current	1.5 A
Output	48 W
Revolution	3200 rpm
Rating	Continuous
Motor Type	Condenser Induction Motor
Power Cord	13.1 ft (4 m)



KOSHIN LTD.

www.koshinpump.com

12 Kami-Hachinotsubo Kotari, Nagaokakyo City, Kyoto 617-8511 JAPAN
TEL.+81-75-954-6111 FAX.+81-75-954-6119

CAUTION

1. GFCI (Ground fault circuit interrupter)

To ensure safety, especially for home application, use PONDY with GFCI.

2. Power source

Ensure pump supplied is in appropriate voltage to your country's power source.

NSM-62011 for 115 V.

3. Application

a. The pump is designed for clean water application. However should it be used for other situations, do NOT place pump at the bottom of tank / pond. This will prevent excessive mud or sand from entering into the pump. Muddy or sandy water will affect performance of the pump.

b. Do NOT use pump for oil, seawater, strong alkaline or acidic solutions or any type of agricultural chemicals.

4. Running dry

Prevent dry pumping at all times. Always place pump in the water during operation.

5. Handling of the pump

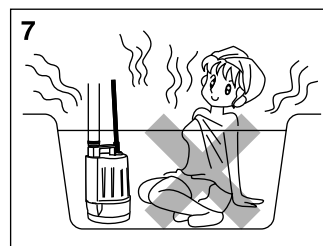
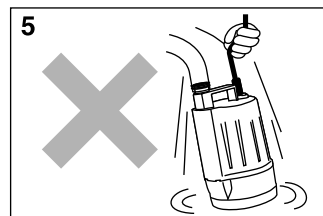
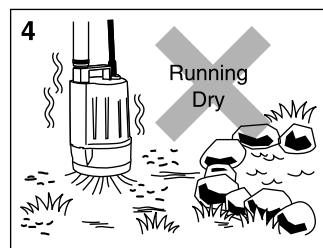
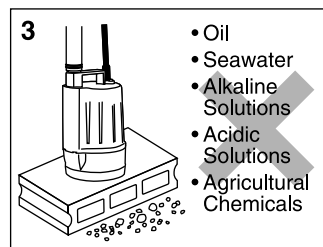
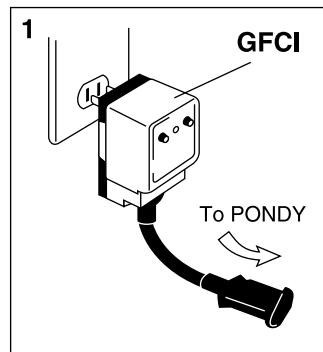
Never handle the pump by its cable. Use the handle provided. Should the pump be installed in deep position, attach a rope to the handle.

6. Power Cord

Select an appropriate cord size for cable cord extension. The joint should not be submerged in the water.

7. Bath usage

No one should be in the water while the pump is in operation. Temperature of water should not exceed 40°C.



MAINTENANCE

1. In cold regions where frosting occurs, do NOT leave water inside pump if not in operation. Remove pump from tank/pond and drain out water.

2. Before storage, always thoroughly clean and dry internal part of the pump

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE	SOLUTION
Non-operation	Power may not be turned on.	Turn on the power.
	No connection or poor contact of cable.	Repair is needed.
	Too low a voltage.	Correct the voltage.
	Impeller may be blocked.	Remove obstruction from impeller.
Failure during operation	Impeller may be blocked.	Remove obstruction from impeller.
	Inadequate voltage.	Correct the voltage.
Poor performance	Low voltage.	Correct the voltage.
	Hose may be bent or clogged.	Straighten up the hose or clean up inside of the hose.
	Impeller may be worn off.	New impeller required.
	Too much residue inside the pump casing.	Open casing and clean up.
Stop operation due to leak current breaker.	Their cable may have a flaw.	Repair is needed.
	Wet cable joint.	Dry the joint.