

MOTOR

SUBMERSIBLE MOTORS



台灣 鯊威



60 Hz



4"

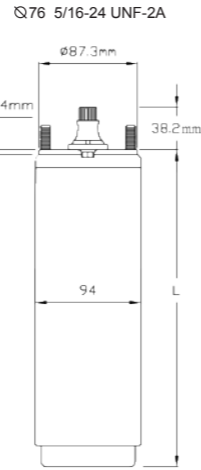
# Canned Type 屏蔽電機

## 特點及使用範圍

本產品採用的是水潤滑設計，內部填充的溶液包含純水潤滑，內外水冷卻，避免使用水環境污染，屬環保型。高可靠度及耐久性能產品，無需特殊維護，不易變形或斷裂，電氣性能優異、效率高。定子外管由不銹鋼焊接，內有不銹鋼內襯，由環氧樹脂填灌密封提供良好絕緣效果，耐腐蝕、散熱快、抗深水壓力，使用工作潛水深度可達300米，可適用於各式沉水泵浦提供水中最佳動力。

## BASIC FEATURES

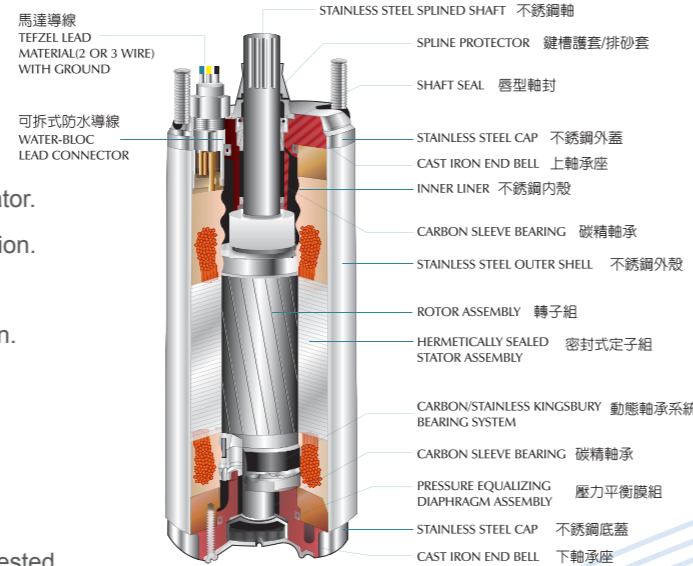
This product uses a water-lubricated design, internal filling solution contains pure water lubricated, internal and external water cooling. Avoid using water pollution, is environmentally friendly. High reliability and durability products, no special maintenance, not easily to deformation ancracking, excellent electrical performance and high efficiency. Stator outer shell made of stainless steel welding, stainless steel linnerining,.Epoxy resin provide good insulation,corrosion resistance,fast heat dissipation,against deep water pressure. Working depth up to 300 meters. Suitable to all kinds of submersible pumps to provide the best power and ensure reliable long-term maintenance-free operation.



## Technical Specifications:

### 技術規格

- 安裝尺寸 NEMA Mounting Dimensions
- 電壓變動率 60HZ/50HZ, Volts ±10%
- 絕緣等級 Insulation: Class F
- 屏蔽式定子 Canned Type-Hermetically-Sealed Stator.
- 外觀全不銹鋼All Stainless Steel Exterior Construction.
- 可折式導線 Removable lead connector.
- 樹脂填充、水潤式 Resin System-Water Lubrication.
- 過濾器止回閥 Filter Check Valve.
- 自調式推力軸承 Kingsbury-Type Thrust Bearing.
- 壓力平衡膜 Pressure Equalizing Diaphragm.
- 認證 CE、ISO9001 certified facilities.
- 所有電機100%測試 All motor prefilled and 100% tested.



## Part Construction Materials

### 物料表

- |   |                  |                      |              |
|---|------------------|----------------------|--------------|
| ■ Motor(Stator) Shell 定子外殼                  | AISI 304/316     | ■ Lead Potting 灌封式導線 | Epoxy        |
| ■ Motor End Bells 電機上下外蓋                    | AISI 304/316     | ■ Lead Nut 導線螺帽      | AISI 304/316 |
| ■ Motor Shaft 電機軸心                          | AISI 410/316     | ■ Sand Slinger 防沙套   | NBR          |
| ■ Upper and Lower Radial Bearings 上下固定部徑向軸承 | Carbon Sleeve    | ■ Diaphragm 壓力平衡膜    | NBR          |
| ■ Lead Wire 電力導線                            | XPLE / PVC Cable | ■ Seal 唇型軸封          | NBR          |

## 規格表 SPECIFICATION



1 Ø  
2 Wire/PSC  
單相 2 線式

型號 MODEL	規格 RATING					滿載 FULL LOAD		超載 MAXIMUM (S.F.LAOD)		效率 EFF%		功率 P.F%		堵住電流 LOCKED AMPS	尺寸		導線 CABLE	
	HP	KW	V	HZ	S.F	A	W	A	KW	S.F	F.L	S.F	F.L		Length (mm)	Weight (kg)	(mm)	(M)
MW4051126	0.5	0.37	115	60	1.6	6.8	725	9	990	62	54	96	92	34	291	9.4	2C+E*2 <sup>2</sup>	1.2
MW4051226	0.5	0.37	230	60	1.6	3.4	730	4.3	960	62	51	97	92	18	291	9.4	2C+E*2 <sup>2</sup>	1.2
MW4081226	0.75	0.55	230	60	1.5	4.7	998	5.8	1300	61	56	95	92	25	319	10.7	2C+E*2 <sup>2</sup>	1.2
MW4101226	1	0.75	230	60	1.4	6.2	1306	7.5	1650	63	57	95	91	33	348	11.9	2C+E*2 <sup>2</sup>	1.2
MW4151226	1.5	1.1	230	60	1.3	9	1931	10.5	2300	65	62	97	95	45	396	11.9	2C+E*2 <sup>2</sup>	1.5

1 Ø  
3 Wire  
單相 3 線式

型號 MODEL	規格 RATING					滿載 FULL LOAD		超載 MAXIMUM (S.F.LAOD)		效率 EFF%		功率 P.F%		堵住電流 LOCKED AMPS	尺寸		導線 CABLE	
	HP	KW	V	HZ	S.F	A	W	A	KW	S.F	F.L	S.F	F.L		Length (mm)	Weight (kg)	(mm)	(M)
MW4051136	0.5	0.37	115	60	1.6	Y10.6 B10.6 R0	796	Y12.6 B12.6 R0	1120	54	50	76	62	46	241	8.1	3C+E*2 <sup>2</sup>	1.2
MW4051236	0.5	0.37	230	60	1.6	Y5.3 B5.3 R0	796	Y6.3 B6.3 R0	1120	54	50	76	62	23	241	8.1	3C+E*2 <sup>2</sup>	1.2
MW4081236	0.75	0.55	230	60	1.5	Y6.9 B6.9 R0	1141	Y8.3 B8.3 R0	1550	61	56	75	64	32	269	9.0	3C+E*2 <sup>2</sup>	1.2
MW4101236	1	0.75	230	60	1.4	Y8.2 B8.2 R0	1412	Y9.8 B9.8 R0	1825	63	57	73	62	39	298	10.4	3C+E*2 <sup>2</sup>	1.2
MW4151236	1.5	1.1	230	60	1.3	Y10.8 B10.4 R0.8	1994	Y12.3 B12 R1	2390	65	62	86	82	46	345	13.2	3C+E*2 <sup>2</sup>	1.5
MW4201236	2	1.5	230	60	1.15	Y10.8 B10.5 R2.8	2236	Y13.2 B12 R2.8	2453	70	66	93	92	54	384	14.6	3C+E*2 <sup>2</sup>	1.5
MW4301236	3	2.25	230	60	1.15	Y15 B11.5 R6.5	3530	Y17.8 B13 R7	4035	69	69	97	97	85	531	23	3C+E*2 <sup>2</sup>	2.0
MW4501236	5	3.75	230	60	1.15	Y24.5 B16 R11	5770	Y28.5 B19 R11	6634	69	69	98	98	120	686	30	3C+E*2 <sup>2</sup>	2.0



4"

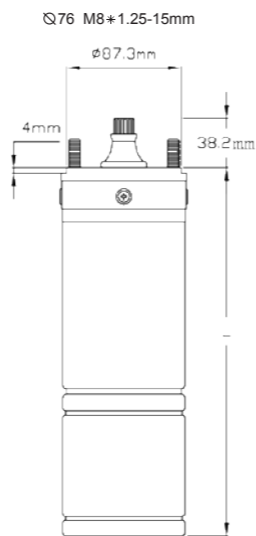
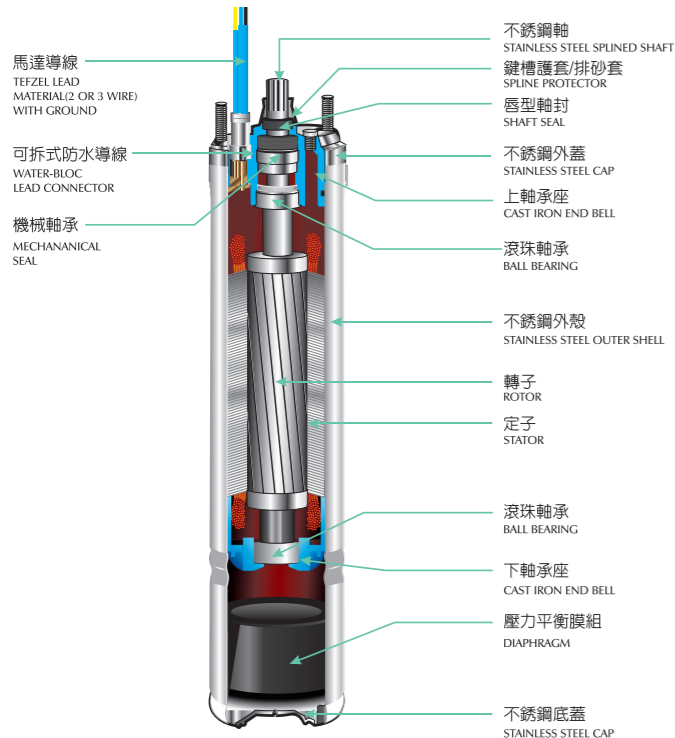
# Oil Filled Type 充油式電機

## 特點及使用範圍

本產品內部採用食品級潤滑油，高效能滾珠軸承，其堅固的中心滾珠軸承使運行平穩而耐久，採用漆包線可重繞式繞組，電氣性能優異、效率高、維修快速方便。不銹鋼外管。耐腐蝕、散熱快、抗深水壓力，使用工作潛水深度可達300米。可適用於各式沉水泵浦提供水中最佳動力。

## BASIC FEATURES

This product is internal filling food oil, high-performance ball bearings mak sturdy center running smoothly and durable Using enameled winding service-able, good electrical properties, high efficiency, quick and easy repair. Stainless steel shell corrosion resistance, heat quickly. Anti-deep water pressure. Use Work diving depth of up to 300 meters. Applicable to all kinds of submerged water pump to provide the best power.



### Technical Specifications:

#### 技術規格

- 安裝尺寸 4" NEMA flange
- 電壓變動率 60HZ Volts ±10%
- 絕緣等級 insulation: class F
- 防水等級 Degree of protection: IP 68
- 環境溫度 Rated ambient temperature: 35°C
- 冷卻流速 Cooling flow: min. 0.08 m/s
- 最大起動次數 Max starts: 40/h
- 最大深度 Max operating depth: 300m
- 食品級潤滑油 Food oil lubricated
- 壓力平衡膜 Diaphragm of pressure compensation
- 軸負荷 Axial thrust supported form angular ball bearing
- from 0.5hp to 1.5hp-2000N ; from 2hp to 3hp-3000N;
- from 4hp to 5.5hp-4000N; from 7.5hp to 10hp-5000N
- 認證 CE、ISO9001

### Part Construction Materials

#### 物料表

- 電線 Cable XPLE
- 防沙套 Sand Slinger NBR
- 軸封 Lip Seal NBR
- 機械軸封 Mechanical Seal Carbon-Graphite
- 軸心 Motor Shaft AISI 304/410/316
- 螺絲 Screws AISI 304/316
- 蓋子 Covers AISI 304/316
- O環 O-Ring NBR
- 軸承座 Brackets Cast Iron / AISI304/316
- 滾珠軸承 Ball Bearings AISI52100
- 壓力平衡膜 Diaphragm NBR

## 規格表 SPECIFICATION

Stainless steel bracket 不銹鋼托架

1 Ø 3 Wire 單相 3 線式

insulation: class H  
200C° - H級繞組

型號 MODEL	規格 RATING				滿載 FULL LOAD		超載 MAXIMUM (S.F.LAOD)		效率 EFF%		功率 P.F%		堵住電流 LOCKED AMPS	尺寸		導線 CABLE	
	HP	V	HZ	S.F	A	W	A	W	S.F	FL	S.F	FL		Length (mm)	Weight (kg)	(mm)	(M)
NSL4051136	0.5	110/115	60	1.6	6/7	700	8.5	980	54	50	76	62	46	312	7.5	3C+E*1.5 <sup>2</sup>	1.2
NSL4051236	0.5	220/230	60	1.6	3.2/3.4	730	4.3	960	58	51	76	62	23	312	7.5	3C+E*1.5 <sup>2</sup>	1.2
NSL4081236	0.75	220/230	60	1.5	4.6/4.8	995	5.8	1300	61	56	75	64	32	327	8.5	3C+E*1.5 <sup>2</sup>	1.2
NSL4101236	1	220/230	60	1.4	5.8/6.2	1300	7.5	1650	63	57	73	62	39	357	10	3C+E*1.5 <sup>2</sup>	1.2
NSL4151236	1.5	220/230	60	1.3	7.2/7.7	1930	10.5	2300	65	62	82	75	46	397	11.5	3C+E*1.5 <sup>2</sup>	1.5
NSL4201236	2	220/230	60	1.25	10.2/10.6	2236	13.2	2453	70	66	93	96	54	427	13	3C+E*1.5 <sup>2</sup>	1.5
NSL4301236	3	220/230	60	1.15	15.5/16	3390	17.5	4000	66	66	93	92	65	507	17	3C+E*2.0 <sup>2</sup>	2.0
NSL4501236	5	220/230	60	1.15	24.5/25	5454	28	6000	68	68	94	94	100	657	24.5	3C+E*2.0 <sup>2</sup>	2.0

### Three-Phase Motor (60HZ) RPM3450 三相

型號 MODEL	規格 RATING				滿載 FULL LOAD		超載 MAXIMUM (S.F.LAOD)		效率 EFF%		功率 P.F%		堵住電流 LOCKED AMPS	尺寸		導線 CABLE	
	HP	V	HZ	S.F	A	W	(mm)	(kg)	S.F	FL	S.F	FL		Length (mm)	Weight (kg)	(mm)	(M)
NSL4053136	0.5	200	60	1.6	3	590	3.6	870	68	63	76	61	17.8	297	6.5	3C+E*2 <sup>2</sup>	1.2
NSL4053236		230	60	1.6	2.5	590	3	870	68	63	76	61	15.5			3C+E*2 <sup>2</sup>	1.2
NSL4053336		380	60	1.6	1.5	590	2.2	870	68	63	76	61	9.7			3C+E*2 <sup>2</sup>	1.2
NSL4053436		460	60	1.6	1.3	590	1.6	870	68	63	76	61	7.5			3C+E*2 <sup>2</sup>	1.2
NSL4083136	0.75	200	60	1.5	3.6	825	4.5	1170	70	68	78	66	24	312	7.5	3C+E*2 <sup>2</sup>	1.2
NSL4083236		230	60	1.5	3.2	825	3.9	1170	70	68	78	66	20			3C+E*2 <sup>2</sup>	1.2
NSL4083336		380	60	1.5	2.0	825	2.6	1170	70	68	78	66	12			3C+E*2 <sup>2</sup>	1.2
NSL4083436		460	60	1.5	1.7	825	2	1170	70	68	78	66	11			3C+E*2 <sup>2</sup>	1.2
NSL4103136	1	200	60	1.4	4.6	1100	5.5	1460	71	71	79	69	31	327	8.5	3C+E*2 <sup>2</sup>	1.2
NSL4103236		230	60	1.4	4	1100	4.8	1460	71	71	79	69	26.9			3C+E*2 <sup>2</sup>	1.2
NSL4103336		380	60	1.4	2.4	1100	2.9	1460	71	71	79	69	16.5			3C+E*2 <sup>2</sup>	1.2
NSL4103436		460	60	1.4	2	1100	2.5	1460	71	71	79	69	13.5			3C+E*2 <sup>2</sup>	1.2
NSL4153136	1.5	200	60	1.3	5.8	1490	6.9	1910	74	74	83	76	39	357	10	3C+E*2 <sup>2</sup>	1.5
NSL4153236		230	60	1.3	5	1490	6	1910	74	74	83	76	34			3C+E*2 <sup>2</sup>	1.5
NSL4153336		380	60	1.3	3	1490	3.7	1910	74	74	83	76	20			3C+E*2 <sup>2</sup>	1.5
NSL4153436		460	60	1.3	2.5	1490	3.2	1910	74	74	83	76	16.8			3C+E*2 <sup>2</sup>	1.5
NSL4153536	2	575	60	1.3	2	1490	2.4	1910	74	74	83	76	13.5	397	11.5	3C+E*2 <sup>2</sup>	1.5
NSL4203136		200	60	1.25	7.8	2180	9.4	2720	73	73	84	84	54			3C+E*2 <sup>2</sup>	1.5
NSL4203236		230	60	1.25	6.8	2180	8.2	2720	73	73	84	84	45			3C+E*2 <sup>2</sup>	1.5
NSL4203336		380	60	1.25	4.1	2180	5	2720	73	73	84	84	28.5			3C+E*2 <sup>2</sup>	1.5
NSL4203436	3	460	60	1.25	3.4	2180	4.2	2720	73	73	84	84	23.5	427	13	3C+E*2 <sup>2</sup>	1.5
NSL4203536		575	60	1.25	2.7	2180	3.2	2720	73	73	84	84	18.5			3C+E*2 <sup>2</sup>	1.5
NSL4303136		200	60	1.15	11	3010	12.7	3450	74	74	81	77	72			3C+E*2 <sup>2</sup>	2.0
NSL4303236		230	60	1.15	9.5	3010	11	3450	74	74	81	77	62			3C+E*2 <sup>2</sup>	2.0
NSL4303336	5	380	60	1.15	5.9	3010	6.8	3450	74	74	81	77	38	542	19.5	3C+E*2 <sup>2</sup>	2.0
NSL4303436		460	60	1.15	4.9	3010	5.6	3450	74	74	81	77	32			3C+E*2 <sup>2</sup>	2.0
NSL4303536		575	60	1.15	3.8	3010	4.5	3450	74	74	81	77	25			3C+E*2 <sup>2</sup>	2.0
NSL4503136		200	60	1.15	18.5	5100	20.7	5830	77	77	83	78	125			3C+E*2 <sup>2</sup>	2.0
NSL4503236	7.5	230	60	1.15	16	5100	18	5830	77	77	83	78	105	657	24.5	3C+E*2 <sup>2</sup>	2.0
NSL4503336		380	60	1.15	9.8	5100	11	5830	77	77	83	78	65			3C+E*2 <sup>2</sup>	2.0
NSL4503436		460	60	1.15	8	5100	9	5830	77	77	83	78	55			3C+E*2 <sup>2</sup>	2.0
NSL4503536		575	60	1.15	6.5	5100	7.3	5830	77	77	83	78	45			3C+E*2 <sup>2</sup>	2.0
NSL4753136	10	200	60	1.15	26.5	7400	31	8460	78	77	80	77	185	757	29	3C+E*2 <sup>2</sup>	2.5
NSL4753236		230	60	1.15	23	7400	26.8	8460	78	77	80	77	165			3C+E*2 <sup>2</sup>	2.5
NSL4753336		380	60	1.15	14	7400	16	8460	78	77	80	77	98			3C+E*2 <sup>2</sup>	2.5
NSL4753436		460	60	1.15	11.5	7400	13.5	8460	78	77	80	77	80			3C+E*2 <sup>2</sup>	2.5
NSL4753536	10	575	60	1.15	9.3	7400	10.8	8460	78	77	80	77	65	757	29	3C+E*2 <sup>2</sup>	2.5
NSL41003336		380	60	1.15	19.5	10000	21.2	11500	77	77	77	74	140			3C+E*2 <sup>2</sup>	2.5
NSL41003436		460	60	1.15	16	10000	17.4	11500	77	77	77	74	115			3C+E*2 <sup>2</sup>	2.5
NSL41003536		575	60	1.15	12.6	10000	13.7	11500	77	77	77	747	94			3C+E*2 <sup>2</sup>	2.5