



沉水式電動抽水機 SUBMERSIBLE ELECTRIC WATER PUMP

PRODUCT #
WY4409



說明：

水是日常生活不可或缺的資源，問題是如何獲得它。
近代之鑽井技術已解決部份問題 --- 可獲得充足的水源。
而 BNH 牌沉水式抽水機卻解決了另外一個問題 --- 引導地下水進入給水系統。

特性：

1. 設備費低：馬達和抽水機都完全沉入水中，所以無需任何地面設施或抽水機房。
2. 耗電量低：馬達和抽水機直接連結，無傳動軸和軸承間的摩擦損失，因此用電量最省。
3. 保養費低：密閉式水封設計，無填料不必更換棉紗，水潤滑軸承，不必添加潤滑油脂，可節省您經常保養的負擔。
4. 安裝費低：構造簡單只有管路系統，沒有是否對準軸心的顧慮，所以故障率低，折裝費用低廉。

更有許多優點：

不佔空間，不破壞周圍景觀，不受惡劣天候影響，沒有噪音污染，不受吸水深度限制等。
因此在今日講求經濟效率的時代，沉水式抽水機深受大眾的喜愛，在廣泛的使用中逐漸取代傳統式離心抽水機。

Instructions:

Nevertheless, the BNH submersible electric water pump resolves another problem to guide the underground water into the water supply system.

Features:

1. Low cost in facility: Both motor and water pump are completely submersed in water. Therefore, no facilities above the ground or pump houses are needed.
 2. Low energy consumption: Motor and water pump are directly connected, there are no frictional loss in transmission and in the bearing. It is the most economical one on energy saving.
 3. Low cost on maintenance: Closed type water-sealed design, no gland change is required as there is no stuffing; no lubrication oil is necessary since the bearing is water-lubricated, thereby, routine maintenance cost on disassembling works.
 4. Low cost on installation: It possesses only the piping system and is simple in structural design. There are no worries as to whether the shaft is in misalignment, thereby, it end up with low breakdown rate and low cost can on disassembling works.
- What is more? It neither occupies a lot of space nor does it spoils the surrounding scenery. Its performance is not affected by the bad.

規格 (Specification):

產品編號 Product #	型號 (Item #)	產品名稱 (Product description)	IMPELLER(3HP 1&3PH 1.5") (WELL: 4") 55 METERS 西德機水龜
WY4409	YK44-9		
相數	馬力		
PHASE (Ø)	OUTPUT (HP)		
1 & 3	3		
口徑	電壓		
DISCHARGE (INCH)	VOLTAGE (V)		
1.5"	220		

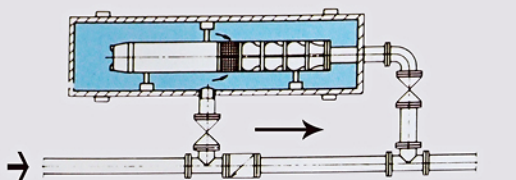
If you are unable to find the items you need on this catalogue, Please contact us immediately, we will try our best to serve you. (如果上述您找不到所需產品型號，請您與我們聯絡！)

Note: All data subject to alteration without notice. (上述產品規格如有變動，恕不另行通知。)

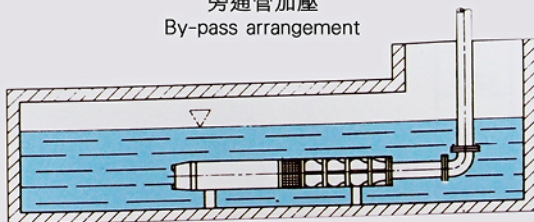
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PUMP



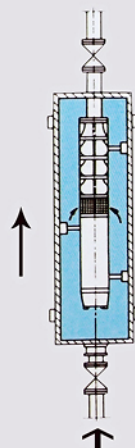
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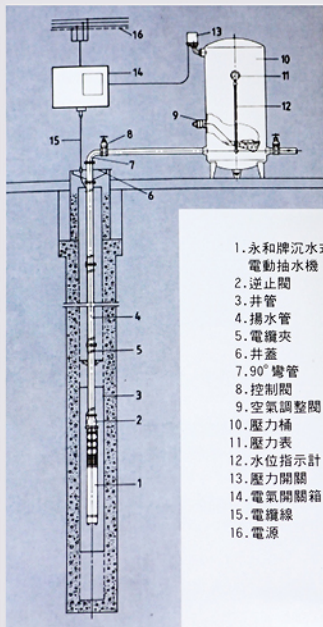
旁通管加壓
By-pass arrangement



水平裝置
Horizontal installation

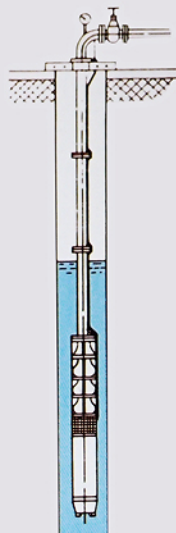


管路加壓
In-line arrangement



深井供水系統—設計
Well/borehole system-Design

- | | |
|----------|-------------------------|
| 1.永和牌沉水式 | 1.YONGHO |
| 電動抽水機 | submersible |
| 2.逆止閥 | motor & pump |
| 3.井管 | 2.Non-return valve |
| 4.揚水管 | 3.Blind pipe |
| 5.電纜夾 | 4.Rising main |
| 6.井蓋 | 5.Cable clips |
| 7.90°彎管 | 6.Well cover |
| 8.控制閥 | 7.Bend 90° |
| 9.空氣調節閥 | 8.Stop valve |
| 10.壓力桶 | 9.Air rdgulator |
| 11.壓力表 | 10.Pressure tank |
| 12.水位指示計 | 11.Pressure gauge |
| 13.壓力開關 | 12.Water level guard |
| 14.電氣開關箱 | 13.Pressure switch |
| 15.電纜線 | 14.Cable connection box |
| 16.電源 | 15.Electric cable |
| | 16.Electric system |



垂直裝置
Vertical installation

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AQUACULTURE
FEED & EQUIPMENT

沉水式電動抽水機 SUBMERSIBLE ELECTRIC WATER PUMP

使用須知:

- 使用BNH沉水式電動抽水機時請遵守下列規定
- 一. 抽取乾淨無腐蝕性的清水(PH 值6.5~8, 鹽素500PPM以下, 含沙量50PPM以下)。
 - 二. 周圍水溫不得超過25°C。
 - 三. 安裝前以純淨水注滿馬達內部, 使用時須將機體完成浸入水中, 絕對避免在空氣中運轉。
 - 四. 抽水機運轉時, 閘閥緊閉不可超過五分鐘。
 - 五. 使用電壓不得超過額定電壓 $\pm 5\%$ 。
 - 六. 本抽水機如加裝抽水桶加壓, 應有適當入口壓力。
 - 七. 最大容許起動次數:
50HP以下每小時15次
100HP以下每小時10次
100HP以上每小時 5次
如有超過以上使用規定時, 請特別照會本公司。

English:

Operating conditions :

- BNH submersible pump of standard design is rated for the following
1. Clear non- corrosive pumped water(HP value 6.5-8, Dry evaporation residue salts , 500PPM Sand contents 50PPM)
 2. Max. temperature of water 25°C.
 3. Free water flow along outside of motor(sufficient cooling) provide for dry running protection. If required.
 4. Operation against closed valve no longer than 5 minutes.
 5. Max. admissible voltage deviation $\pm 5\%$ of nominal voltage.
 6. For booter pumps it is necessary to have some inlet pressure.
 7. Max .admissible starts per hour:
15 for motors up to 50HP
10 for motors up to 100HP
5 for motors above 100HP
Deviations form above operating condition have to be expressly confirmed by the factory.

如蒙洽詢惠顧請指示列各項:

1. 需水量: _____ M³ / MIN or _____ US.GPM.
2. 總揚程(含管路損失): _____ M or _____ FEET.
3. 泵浦出口: _____ 吋 or _____ MM.
4. 井管內徑: _____ 吋 or _____ MM.
5. 自然水位(抽水機停止時水位): _____ M or _____ FEET.
6. 運轉水位(抽水機揚水時水位): _____ M or _____ FEET.
7. 額定馬力: _____ KW or _____ HP.
8. 電源: _____ PHASE _____ VOLTS _____ HERTZ.

English:

PLEASE SUPPLY THE FOLLOWING INFORMATION WITH EACH INQUIRY :

1. Capacity: _____ M³ / MIN or _____ US.GPM.
2. Total head including frictional loss and tank pressure : _____ M or _____ FEET.
3. Discharge outlet : _____ INCH or _____ MM.
4. Clear diameter of well : _____ INCH or _____ MM.
5. The distance from ground lever to water lever at rest : _____ M or _____ FEET.
6. The lowering of the water lever . When a certain quantity is pumped : _____ M or _____ FEET.
7. Electric power : _____ KW or _____ HP _____ PHASE _____ VOLTS _____ HERTZ.

(泵浦類)
PUMP

