



## NK(m) Deep Well Pump

### Product Introduction

NK(m) Stainless Steel Submersible Electric Pump consists of pump, motor, seal, and stainless steel shell. The hydraulic part is centrifugal impeller and guide blade, the efficiency is high. The motor is single or 3-phase oil-filled asynchronous motor. Between the pump and the motor, there are two single-end mechanical seals adopted as dynamic seal.

The pump and motor are enclosed in the stainless casing. The motor can be cooled by the medium, which through the external of motor. Single-phase water pump is equipped with float switch, which can automatic start and stop pump according to the water level. Pump surface adopts the stainless steel, which is beautiful appearance and corrosion resistance. Pump flow is moderate, high head and high efficiency, is a kind of high efficiency and energy saving, safe and ideal pump for the family.

### Feature

The built-in motor is cooled by the flow medium, the temperature rise is low and the motor service life is longer

Plug type cable connector is convenient for assembly and replacement, external cable connector is filled with epoxy glue, which is reliable sealing

The upper bearing seat is welded within the casing, which can ensure bearing concentricity, decrease the power consumption.

Impeller shaft is fixed in axial, the radial is ring seal, which can reduce operating noise;

Motor power is larger, which can increase the reliability;

### Working Conditions

Liquid temperature: 0~40°C

PH value: 6.5~8.5

Volumetric ratio of solid-containing impurities in medium is no exceed 0.1%, the granule size is no exceed 0.2 mm

Submersible depth: 20 m

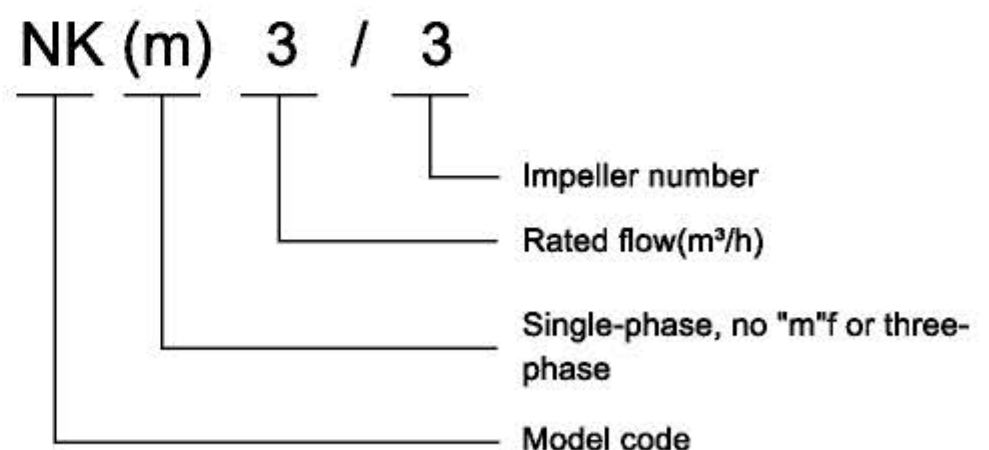
### Model Defination

Impeller number.

Rated flow(m<sup>3</sup>/h).

M:single-phase, no "m" for three-phase.

Model code.





## Technology Data

| Type   | Rated Flow (m³/h) | Max. Flow (m³/h) | Rated Head (m) | Max. Head (m) | Rated Power (m) | Synchro-speed (r/min) | Rated Volt. (V) | Rated Current (A) | Pipe Inner Dia.(mm) | Outer Size Dim(mm) | Remark                  |     |
|--------|-------------------|------------------|----------------|---------------|-----------------|-----------------------|-----------------|-------------------|---------------------|--------------------|-------------------------|-----|
| NKm3/3 | 3                 | 5.5              | 25             | 33            | 0.55            | 2850                  | 220             | 4.6               | G1.25"              | 123×530            | Equipped with protector |     |
| NKm3/4 |                   |                  | 34             | 44            | 0.75            |                       |                 | 6.0               |                     | 123×585            |                         |     |
| NKm3/6 |                   |                  | 51             | 66            | 1.1             |                       |                 | 8.4               |                     | 123×690            |                         |     |
| NKm3/8 |                   |                  | 68             | 88            | 1.5             |                       |                 | 10.9              |                     | 123×795            |                         |     |
| NK3/4  |                   |                  | 34             | 44            | 0.75            |                       | 380             | 2.6               |                     | 123×530            |                         |     |
| NK3/6  |                   |                  | 51             | 66            | 1.1             |                       |                 | 3.4               |                     | 123×625            |                         |     |
| NK3/8  |                   |                  | 68             | 88            | 1.5             |                       |                 | 4.4               |                     | 123×700            |                         |     |
| NKm3/2 |                   |                  | 8              | 8             | 27              |                       | 33              | 0.55              |                     | 3450               |                         | 110 |
| NKm3/3 |                   | 41               |                |               | 49              | 0.75                  | 12              | 123×540           |                     |                    |                         |     |
| NKm3/4 |                   | 54               |                |               | 66              | 1.1                   | 16.8            | 123×600           |                     |                    |                         |     |
| NKm3/2 |                   | 27               |                |               | 33              | 0.55                  | 220             | 4.6               |                     |                    | 123×490                 |     |
| NKm3/3 |                   | 41               |                |               | 49              | 0.75                  |                 | 6.0               |                     |                    | 123×540                 |     |
| NKm3/4 |                   | 54               |                |               | 66              | 1.1                   |                 | 8.4               |                     |                    | 123×600                 |     |
| NKm3/5 |                   | 68               |                |               | 82              | 1.5                   |                 | 10.9              |                     |                    | 123×670                 |     |

## Performance Curve

NK(m)

50Hz

NK(m)

60Hz

