



General brochure of Pool pump products



Stock code:300145



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Pumping Water Pumping Honor



Company profile

Nanfang Pump Industry Co., Ltd (CNP), as a subsidiary of Nanfang Zhongjin Environment Co., Ltd, was founded in 1991, and listed on Shenzhen Stock Exchange on December 9, 2010 with stock code 300145.

In 2019, CNP's annual output exceeded 900,000 units/set with nearly 3 billion sales revenue, continuing to maintain high growth. As a national enterprise technology center, CNP has flagship ultra-high efficient product - new generation CDM (F) light vertical multistage centrifugal pump, MEI≥0.7. Same series high temperature pump products are developed in 2019 to satisfy high temperature applications. All light stainless steel pump product series grow stably. Advanced frequency conversion water supply equipment has been innovated to the 6th generation. Fire pump and diesel engine have obtained UL certification. TD in-line pump, NIS/NISO end suction pump, NSC split casing pump, WQ sewage pump, PQ stainless steel fountain submersible pump, BP silent tube pump, pool pump, non-blocking self-priming sewage pump, metering pump, oil pump and other pump products, can meet various application needs of different fields.

CNP has a complete sales network both in domestic and overseas market, exporting to over 60 countries and regions, maintaining long-term relationship with our clients. CNP pumps have been widely applied in various fields like water treatment, water supply and drainage, HVAC, industrial application, seawater desalination, energy and power etc.

CNP, a green water expert beside you.

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NSA Pool Pump(50Hz)

Model definition

NS A 150 G D W S
 S: 304; L: 316L
 W: 50Hz; L: 60Hz
 S: three phase (≤3KW, 220/380V; >3KW, 380V)
 D: single phase (220V(50Hz); 230V(60Hz))
 G: Metric joints; Y: Inch joints
 Motor power HP*100 pump
 Series number
 Pool pump

Motor

- 220/380V, asynchronous, two-pole motor
- Protection class: IP55
- Insulation grade: F
- Continuous operation capability
- Built-in thermal protector

Applications

- Domestic and commercial swimming pool
- Water park
- Water landscape gardening
- Mariculture
- SPA

Self-priming height

- 1.5 meters



Work condition

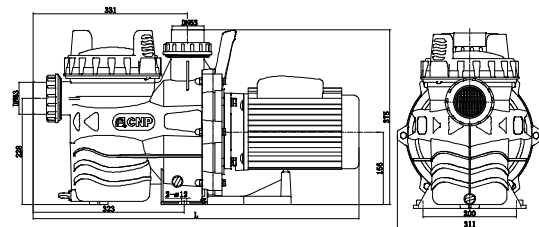
- liquid temp: 5-50°C
- Max. environment temp: ≤40°C

- Max work pressure: 0.3MPa

Material

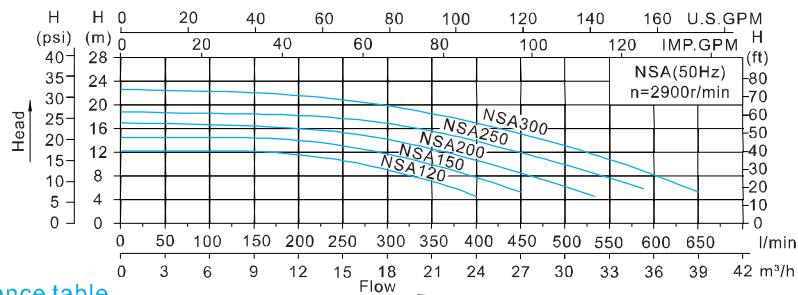
- Flow passage: Engineering plastics
- Mechanical seal module: Graphite/ceramic
- O ring: Nitrile rubber
- The motor casing is made of aluminum

Installation sketch



| Model | L |
|--------|-----|
| NSA120 | 679 |
| NSA150 | |
| NSA200 | |
| NSA250 | 708 |
| NSA300 | |

Performance curve



Performance table

| Model | P ₂ | | Max.Head | Max.Flow [m³/h] | Flow Q[m³/h] | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
|--------|----------------|------|----------|--------------------|-----------------|------|------|------|------|------|-----|-----|
| | [KW] | [HP] | | | | | | | | | | |
| NSA120 | 0.9 | 1.2 | 12 | 24 | Head H[m] | 12 | 11.9 | 10 | 7.5 | | | |
| NSA150 | 1.1 | 1.5 | 14.7 | 27 | | 14.2 | 14.2 | 13.1 | 11.0 | 6.5 | | |
| NSA200 | 1.5 | 2 | 17.5 | 32 | | 16.6 | 16.1 | 15.3 | 12.5 | 10.2 | 6.0 | |
| NSA250 | 1.85 | 2.5 | 19 | 35 | | 18.5 | 18.1 | 17.8 | 16.2 | 13.6 | 9.2 | 5.8 |
| NSA300 | 2.2 | 3 | 23 | 39 | | 22.1 | 21.9 | 20.8 | 18.9 | 16.5 | 13 | 8.5 |

NSC Pool Pump(50Hz)

Model definition

NS C 150 G D W S
 S: 304; L: 316L
 W: 50Hz; L: 60Hz
 S: three phase (≤3KW, 220/380V; >3KW, 380V)
 D: single phase (220V(50Hz); 230V(60Hz))
 G: Metric joints; Y: Inch joints
 Motor power HP*100 pump
 Series number
 Pool pump

Motor

- 220/380V, asynchronous, two-pole motor
- Protection class: IP55
- Insulation grade: F
- Continuous operation capability
- Built-in thermal protector

Applications

- Domestic and commercial swimming pool
- Water park
- Water landscape gardening
- Mariculture
- SPA

Self-priming height

- 3 meters



Work condition

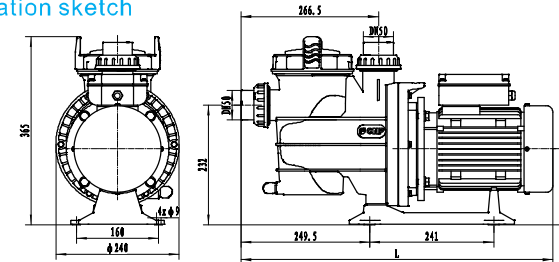
- liquid temp: 5-50°C
- Max. environment temp: ≤40°C

- Max work pressure: 0.3MPa

Material

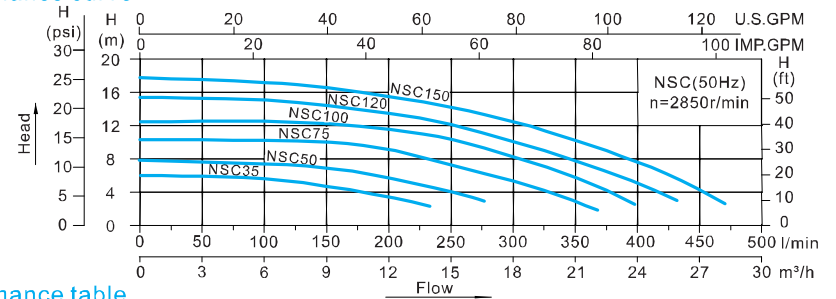
- Flow passage: Engineering plastics
- Mechanical seal module: Graphite/ceramic
- O ring: Nitrile rubber
- The motor casing is made of aluminum

Installation sketch



| Model | L |
|--------|-----|
| NSC35 | |
| NSC50 | 561 |
| NSC75 | |
| NSC100 | |
| NSC120 | 616 |
| NSC150 | |

Performance curve



Performance table

| Model | P ₂ | | Max. Head | Max. Flow | Flow | | | | | | | | |
|--------|----------------|------|-----------|-----------|--------------|------|------|-----|------|------|------|------|-----|
| | [KW] | [HP] | [m] | [m³/h] | Q [m³/h] | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 |
| NSC35 | 0.25 | 0.35 | 6.5 | 13 | Head H[m] | 6 | 5.5 | 5 | 3 | | | | |
| NSC50 | 0.37 | 0.5 | 7.8 | 16 | | 7.5 | 7.2 | 7 | 6 | 3.8 | | | |
| NSC75 | 0.55 | 0.75 | 10.5 | 19 | | 10.5 | 10 | 9.8 | 9 | 6.5 | 5 | | |
| NSC100 | 0.75 | 1 | 12.5 | 22 | | 12.5 | 12.3 | 12 | 11.5 | 10.5 | 8.2 | 5.8 | |
| NSC120 | 0.9 | 1.2 | 15 | 24 | | 15 | 14.5 | 14 | 13.5 | 12 | 10 | 7.5 | 5 |
| NSC150 | 1.1 | 1.5 | 17.5 | 27 | | 17.5 | 16.5 | 16 | 15.5 | 14 | 12.5 | 10.5 | 7.5 |