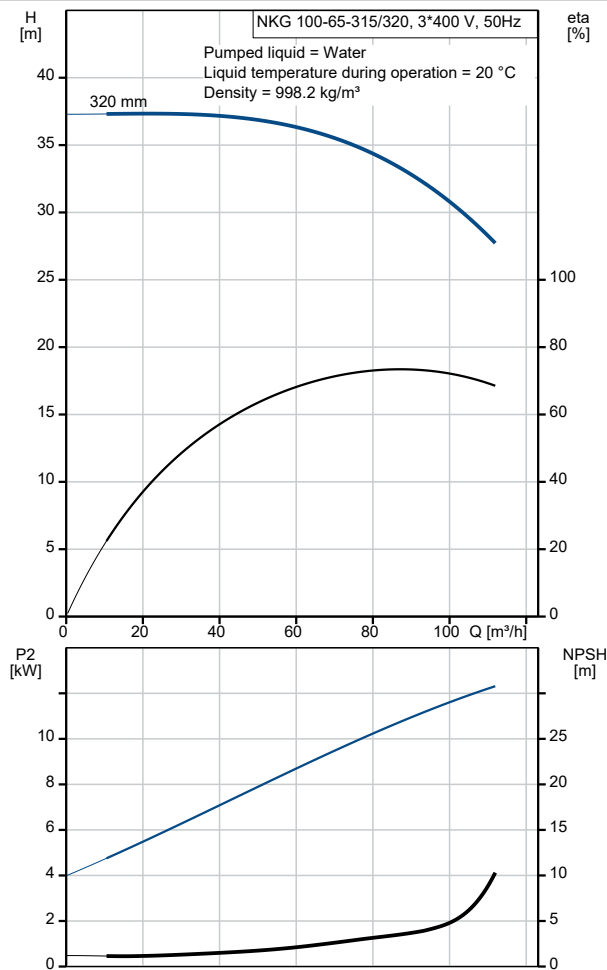


| Description | Value |
|--|---------------------------------------|
| General information: | |
| Product name: | NKG 100-65-315/320 AA1F2AESBAQEOW3 |
| Product No: | On request |
| EAN number: | On request |
| Technical: | |
| Pump speed on which pump data are based: | 1470 rpm |
| Rated flow: | 91.65 m ³ /h |
| Pump with motor (Yes/No): | Y |
| Rated head: | 32.07 m |
| Actual impeller diameter: | 320 mm |
| Nominal impeller diameter: | 315 |
| Shaft diameter: | 42 mm |
| Code for shaft seal: | BAQE |
| Mechanical seal type: | Single |
| Curve tolerance: | ISO9906:2012 3B |
| Pump version: | A1 |
| Bearing design: | Standard |
| Materials: | |
| Pump housing: | Cast iron |
| Pump housing: | EN-GJL-250 |
| Pump housing: | ASTM class 35 |
| Wear ring: | Brass |
| Impeller: | Cast iron |
| Impeller: | EN-GJL-200 |
| Impeller: | ASTM class 30 |
| Internal pump house coating: | CED |
| Material code: | A |
| Code for rubber: | E |
| Shaft: | Stainless steel |
| Shaft: | EN 1.4301 |
| Shaft: | AISI 304 |
| Installation: | |
| t max amb: | 60 °C |
| Maximum operating pressure: | 16 bar |
| Pipe connection standard: | EN 1092-2 |
| Type of inlet connection: | DIN |
| Type of outlet connection: | DIN |
| Size of inlet connection: | DN 100 |
| Size of outlet connection: | DN 65 |
| Pressure rating for connection: | PN 16 |
| Coupling type: | Flexible w/o spacer |
| Base frame design: | C-channel |
| Code for base frame: | 28 |
| Grouting (Yes/No): | N |
| Connect code: | F |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | 0 .. 120 °C |
| Selected liquid temperature: | 20 °C |
| Density: | 998.2 kg/m ³ |
| Electrical data: | |
| Motor type: | 160L |
| IE Efficiency class: | IE3 |
| Rated power - P2: | 15 kW |
| Mains frequency: | 50 Hz |
| Rated voltage: | 3 x 380-415D/660-690Y V |
| Rated current: | 29.5-27.0/17.0 A |
| Starting current: | 887 % |





Company name: NTD Pumps And Mechanical Construction Co.,LTD
Created by: Tien Nguyen Van
Phone: 0949570529
Email: tien.nv@ntdpumps.com
Date: 21/05/2022

| Description | Value |
|----------------------------------|-------------------------------|
| Cos phi - power factor: | 0.85 |
| Rated speed: | 1470 rpm |
| Efficiency: | IE3 92,1% |
| Number of poles: | 4 |
| Enclosure class (IEC 34-5): | 55 (Protect. water jets/dust) |
| Insulation class (IEC 85): | F |
| Built-in motor protection: | PTC |
| Motor No: | 83P16126 |
| Bearing insulation type N-end: | STEEL BEARING |
| Controls: | |
| Frequency converter: | NONE |
| Pressure sensor: | N |
| Others: | |
| Minimum efficiency index, MEI ≥: | 0.70 |
| Net weight: | 368 kg |
| Gross weight: | 477 kg |
| Shipping volume: | 1.11 m ³ |