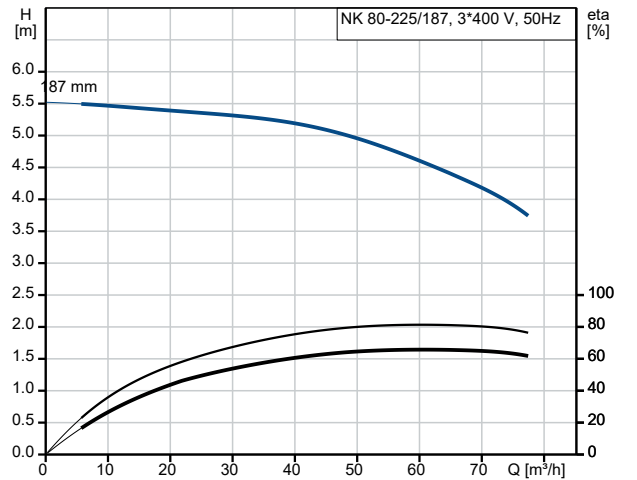
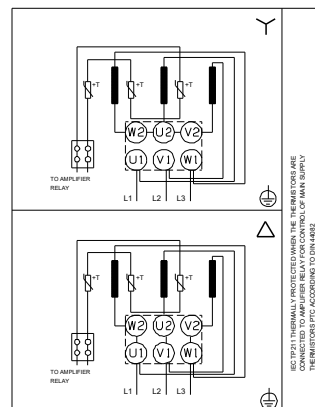
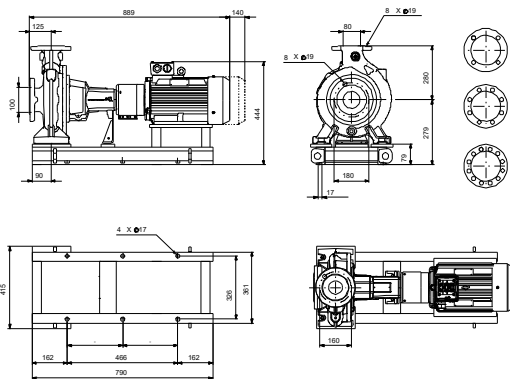
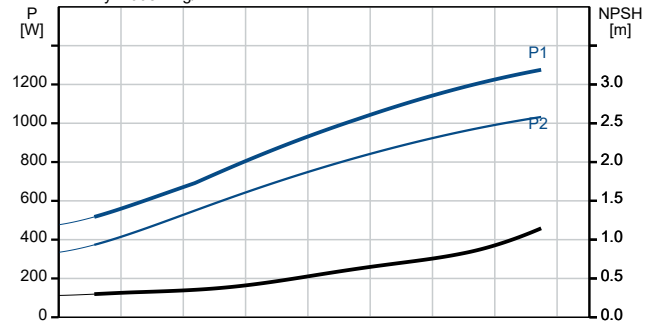


| Description                                            | Value                                          |
|--------------------------------------------------------|------------------------------------------------|
| <b>General information:</b>                            |                                                |
| Product name:                                          | NK 80-225/187<br>AA1F2S3ESBQQEGW5              |
| Product No:                                            | On request                                     |
| EAN number:                                            | On request                                     |
| <b>Technical:</b>                                      |                                                |
| Pump speed on which pump data are based:               | 935 rpm                                        |
| Rated flow:                                            | 60.27 m³/h                                     |
| Pump with motor (Yes/No):                              | Y                                              |
| Rated head:                                            | 4.48 m                                         |
| Actual impeller diameter:                              | 187 mm                                         |
| Nominal impeller diameter:                             | 225                                            |
| Primary shaft seal:                                    | BQQE                                           |
| Shaft diameter:                                        | 24 mm                                          |
| Code for shaft seal:                                   | BQQE                                           |
| Mechanical seal type:                                  | Single                                         |
| Curve tolerance:                                       | ISO9906:2012 2B                                |
| Pump version:                                          | A1                                             |
| Bearing design:                                        | Standard                                       |
| <b>Materials:</b>                                      |                                                |
| Type key, code for materials:                          | S3                                             |
| Type key, code for rubber components. E = EPDM, V=FKM: | E                                              |
| Pump housing:                                          | Cast iron<br>EN 1561 EN-GJL-250<br>ASTM A48-35 |
| Impeller:                                              | Stainless steel<br>EN 1.4308<br>ASTM A351 CF8  |
| Pump house, internal coating:                          | Painting                                       |
| Material code:                                         | S3                                             |
| Code for rubber:                                       | E                                              |
| Shaft:                                                 | Steel<br>EN 1.0503/1.4301<br>AISI 1045/304     |
| <b>Installation:</b>                                   |                                                |
| Maximum ambient temperature:                           | 40 °C                                          |
| Maximum operating pressure:                            | 16 bar                                         |
| Type key, code for pipework connection:                | F                                              |
| 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 80                                          |
| Pressure rating for connection:                        | PN 16                                          |
| Coupling type:                                         | Flexible w/o spacer                            |
| Base frame design:                                     | C-channel                                      |
| Code for base frame:                                   | 303                                            |
| Grouting (Yes/No):                                     | N                                              |
| Connect code:                                          | F                                              |
| <b>Liquid:</b>                                         |                                                |
| Pumped liquid:                                         | Water                                          |
| Liquid temperature range:                              | -25 .. 120 °C                                  |
| Selected liquid temperature:                           | 20 °C                                          |
| Density:                                               | 998.2 kg/m³                                    |
| <b>Electrical data:</b>                                |                                                |



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

12/01/2026

| Description                      | Value                         |
|----------------------------------|-------------------------------|
| Motor type:                      | 90L                           |
| Rated power - P2:                | 1.1 kW                        |
| Mains frequency:                 | 50 Hz                         |
| Rated voltage:                   | 3 x 220-230D/380-400Y V       |
| Rated current:                   | 4,88-4,67/2,83-2,69 A         |
| Starting current:                | 590 %                         |
| Cos phi - power factor:          | 0.73                          |
| Rated speed:                     | 935 rpm                       |
| IE efficiency:                   | IE3 81%                       |
| IE Efficiency class:             | IE3                           |
| Motor efficiency at full load:   | 81 %                          |
| Motor efficiency at 3/4 load:    | 80.7 %                        |
| Motor efficiency at 1/2 load:    | 79.5 %                        |
| Number of poles:                 | 6                             |
| Enclosure class (IEC 34-5):      | 55 (Protect. water jets/dust) |
| Insulation class (IEC 85):       | F                             |
| Built-in motor protection:       | PTC                           |
| Motor No:                        | <a href="#">92701788</a>      |
| Bearing insulation type N-end:   | Steel Bearing                 |
| <b>Controls:</b>                 |                               |
| Frequency converter:             | None                          |
| Pressure sensor:                 | N                             |
| <b>Others:</b>                   |                               |
| Minimum efficiency index, MEI ≥: | 0.70                          |
| Net weight:                      | 158 kg                        |
| Gross weight:                    | 183 kg                        |
| Shipping volume:                 | 0.496 m³                      |
| Language on pump nameplate:      | CN                            |

