

## Receiver

Company  
Reference  
Address  
Phone  
Fax  
E-mail

## From

### Item n° :

1D1111B7V

### Customer pos. no.:

### Model :

NKP-G 32-125/142/A/BAQE/3/2 IE3

### Pump data

Impeller size (mm) : 142

MEI  $\geq$  0,40

Pressure rating : PN 16

Min. fluid temperature : -10 °C

Max. fluid temperature : 140 °C

Max. Ambient temperature : 50 °C

### Requested data

Flow :

Head :

Fluid (%) :

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 0,34 psi

### Real duty point

Flow :

Head :

NPSH :

Shaft power P2 :

Efficiency :

### Materials

Pump body Cast iron 250 UNI ISO 185

Support Cast iron 250 UNI ISO 185

Impeller Cast iron 250 UNI ISO 185

Mechanical seal SEE "SHAFT SEAL" SECTION

O-Ring Ethylene propylene (EPDM)

Pump shaft AISI 304 X5 Cr Ni 1810 UNI 6900/71

Seal spacer AISI 304 X5 Cr Ni 1810 UNI 6900/71

### Shaft seal

Type Rubber

Stationary part Silicon carbide

Rotating part Carbon

Elastomer EPDM

### Motor data

Nominal power P2 : 3 kW

Rated speed : 2.900 1/min

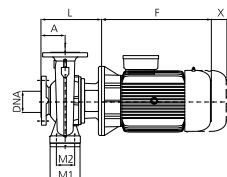
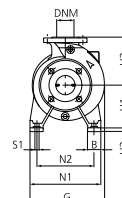
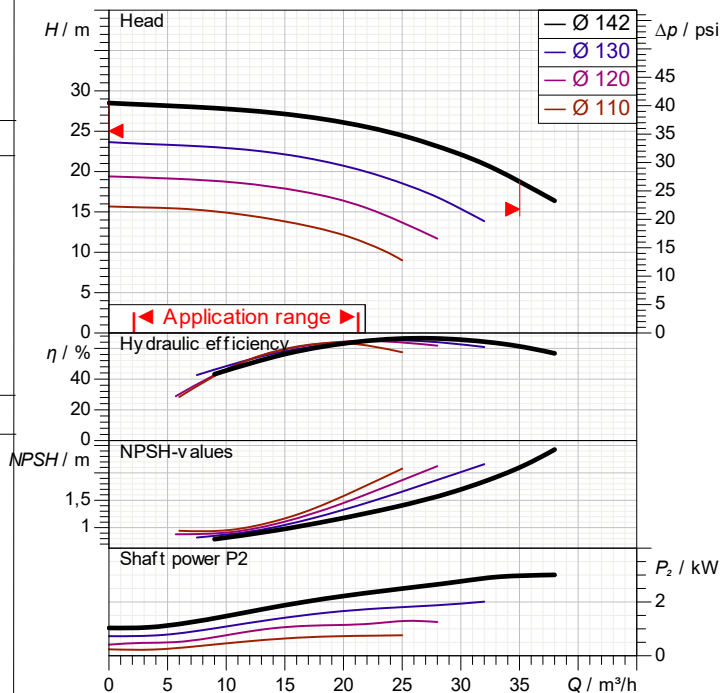
Rated voltage : 3~ 400 V

50 Hz

Nominal current : 5,6 A

Degree of protection : IP 55

### Curve tolerance according to ISO 9906



Weight : 67 kg

### Dimensions in mm

|     |     |    |     |
|-----|-----|----|-----|
| A   | 80  | H3 | 20  |
| B   | 50  | L  | 254 |
| DNA | 50  | M1 | 100 |
| DNM | 32  | M2 | 70  |
| F   | 306 | N1 | 190 |
| G   | 250 | N2 | 140 |
| H1  | 112 | S1 | M10 |
| H2  | 140 | X  | 100 |

### Pump connection

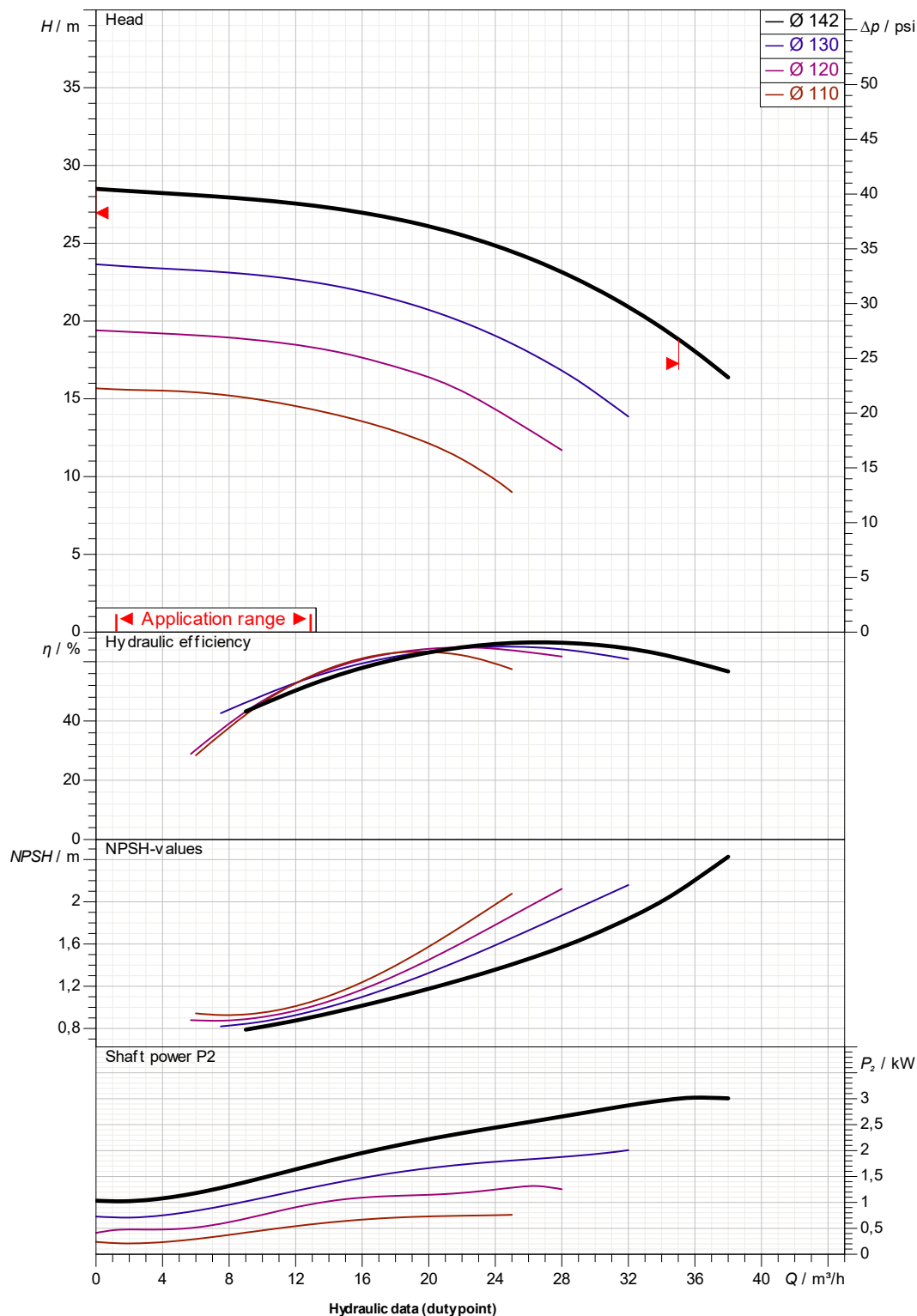
Suction side : DN 50 / PN 16

Discharge side : DN 32 / PN 16

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**NKP-G 32-125/142/A/BAQE/3/2 IE3**
**Curve tolerance according to ISO 9906**


Suction side :

DN 50

PN 16

Discharge side :

DN 32

PN 16

Flow :

Head :

Rated speed :

2.900 1/min

MAIN\_PROJECT\_TITLE

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2025-07-20



## DIMENSIONAL DRAWING

2025-07-20

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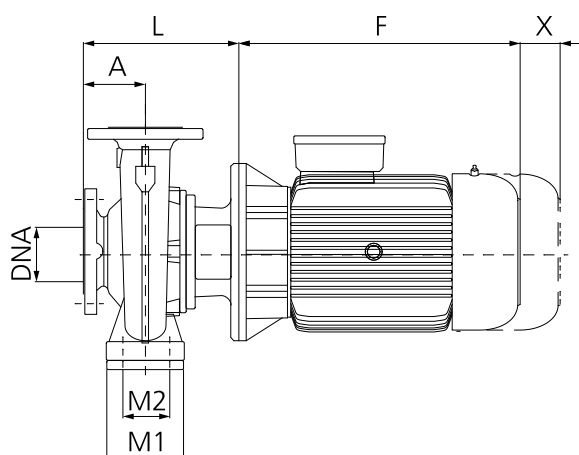
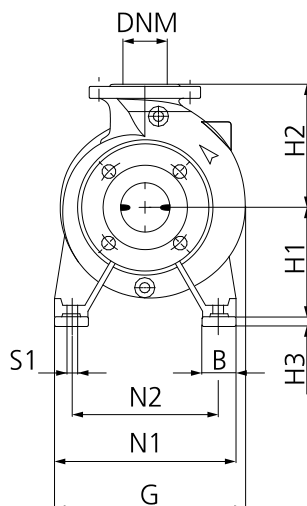
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

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### NKP-G 32-125/142/A/BAQE/3/2 IE3



#### Dimensions in mm

#### Pump connection

|    |     |     |    |     |  |  |           |
|----|-----|-----|----|-----|--|--|-----------|
| 1  | A   | 80  | M2 | 70  |  |  |           |
| 2  | B   | 50  | N1 | 190 |  |  |           |
| 3  | DNA | 50  | N2 | 140 |  |  | Suction   |
| 4  | DNM | 32  | S1 | M10 |  |  | DN 50     |
| 5  | F   | 306 | X  | 100 |  |  | PN 16     |
| 6  | G   | 250 |    |     |  |  |           |
| 7  | H1  | 112 |    |     |  |  | Discharge |
| 8  | H2  | 140 |    |     |  |  | DN 32     |
| 9  | H3  | 20  |    |     |  |  | PN 16     |
| 10 | L   | 254 |    |     |  |  |           |
| 11 | M1  | 100 |    |     |  |  |           |

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