

## Receiver

## From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

### Item n° :

60212508

### Customer pos. no.:

Model :

KLP 50-1200/BQQE M IE2

### Pump data

MEI ≥ 0,5

Pressure rating : 1 MPa

Min. fluid temperature : -15 °C

Max. fluid temperature : 120 °C

Max. Ambient temperature : 40 °C

### Requested data

Flow :

Head :

Fluid (%) :

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 0,00 MPa

### Hydraulic data (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         | Technopolymer B                 |
| Mechanical seal  | Silicon carbide/Silicon carbide |
| O-Ring           | EPDM Rubber                     |
| Shaft with rotor | Stainless Steel AISI 316        |

### Motor data

Motor brand : DAB

Nominal power P2 : 0,75 kW

Rated speed : 2.920 1/min

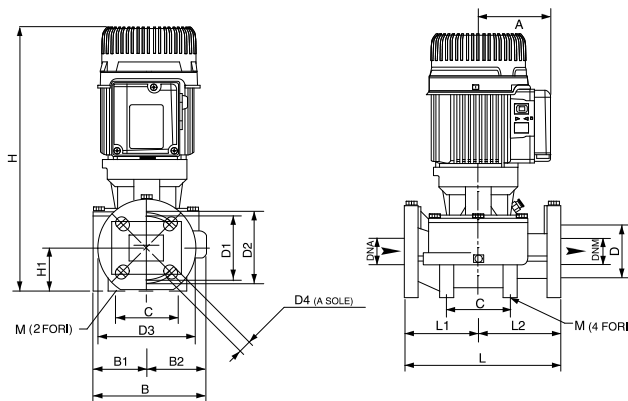
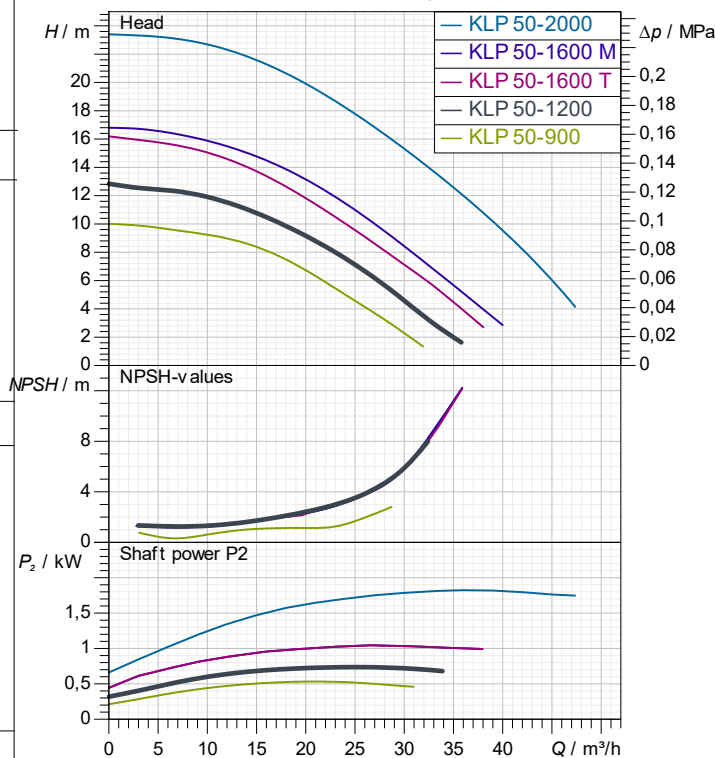
Rated voltage : 1~ 230 V

50 Hz

Nominal current : 4,3 A

Degree of protection : IP 55

### Curve tolerance according to ISO 9906



Weight : 26,6 kg

### Dimensions in mm

|    |     |     |            |    |           |
|----|-----|-----|------------|----|-----------|
| A  | 110 | D3  | 165        | L2 | 140       |
| B  | 204 | D4  | 4 asole 18 | M  | 2 fori 10 |
| B1 | 94  | DNA | 50         |    |           |
| B2 | 110 | DNM | 50         |    |           |
| C  | 100 | H   | 414        |    |           |
| D  | 90  | H1  | 73         |    |           |
| D1 | 110 | L   | 280        |    |           |
| D2 | 125 | L1  | 140        |    |           |

### Pump connection

Suction side : DN 50 / 1 MPa

Discharge side : DN 50 / 1 MPa

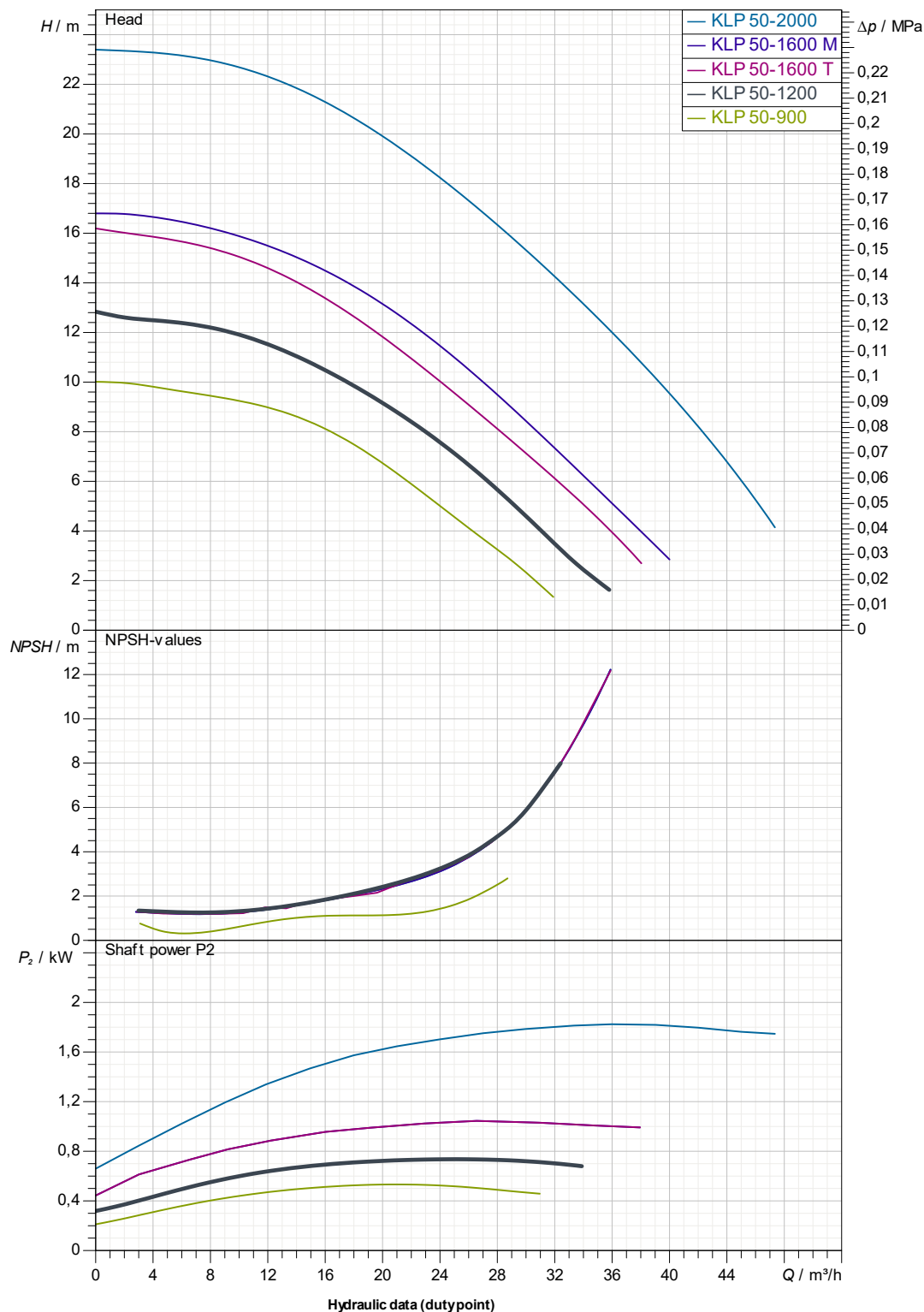
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## KLP 50-1200/BQQE M IE2

Curve tolerance according to ISO 9906



Suction side :  
DN 50  
1 MPa

Discharge side :  
DN 50  
1 MPa

Flow :

Head :

Rated speed :  
2.920 1/min

Project

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Created on

2024-11-07



## DIMENSIONAL DRAWING

2024-11-07

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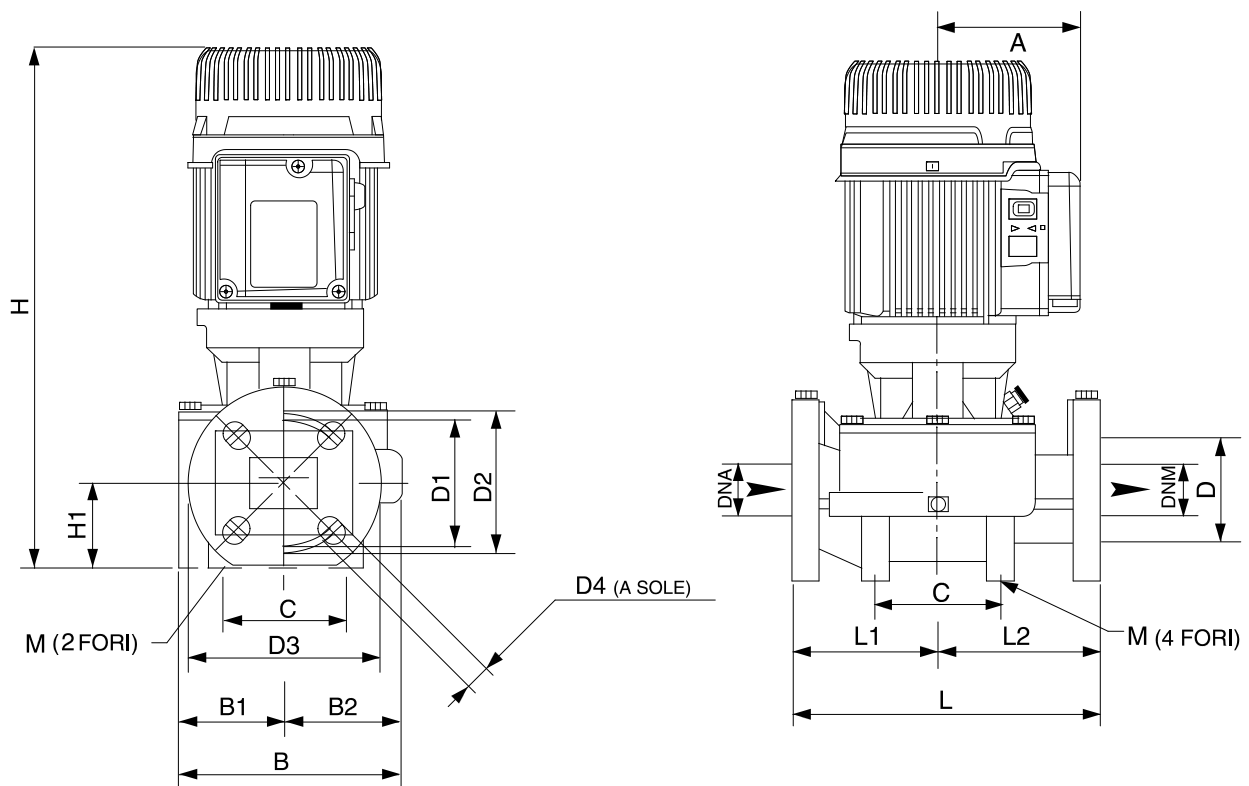
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

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### KLP 50-1200/BQQE M IE2



#### Dimensions in mm

#### Pump connection

|    |     |               |     |           |  |  |           |
|----|-----|---------------|-----|-----------|--|--|-----------|
| 1  | A   | 110           | DNM | 50        |  |  |           |
| 2  | B   | 204           | H   | 414       |  |  | Suction   |
| 3  | B1  | 94            | H1  | 73        |  |  | DN 50     |
| 4  | B2  | 110           | L   | 280       |  |  | 1 MPa     |
| 5  | C   | 100           | L1  | 140       |  |  |           |
| 6  | D   | 90            | L2  | 140       |  |  | Discharge |
| 7  | D1  | 110           | M   | 2 fori 10 |  |  | DN 50     |
| 8  | D2  | 125           |     |           |  |  | 1 MPa     |
| 9  | D3  | 165           |     |           |  |  |           |
| 10 | D4  | 4 asole 18x23 |     |           |  |  |           |
| 11 | DNA | 50            |     |           |  |  |           |

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