

## Receiver

## From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

### Item n° :

60150992

### Customer pos. no.:

### Model :

EVOPLUS B 40/450.100 M

### Pump data

Pressure rating : 1,6 MPa  
Min. fluid temperature : -10 °C  
Max fluid temperature : 110 °C  
EEI : ≤ 0,20

### Minimum suction head :

Temperature °C 90 100  
Minimum suction head : m 20 25

### 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

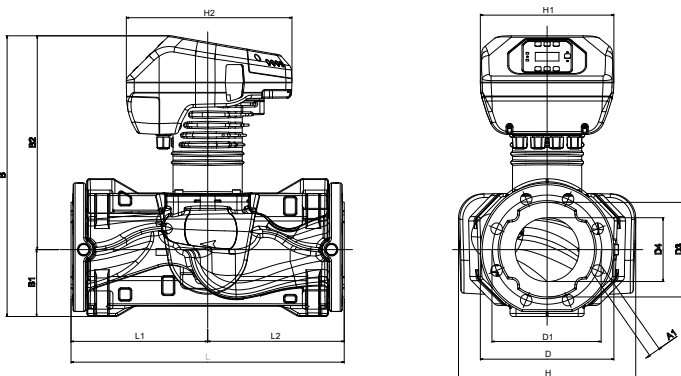
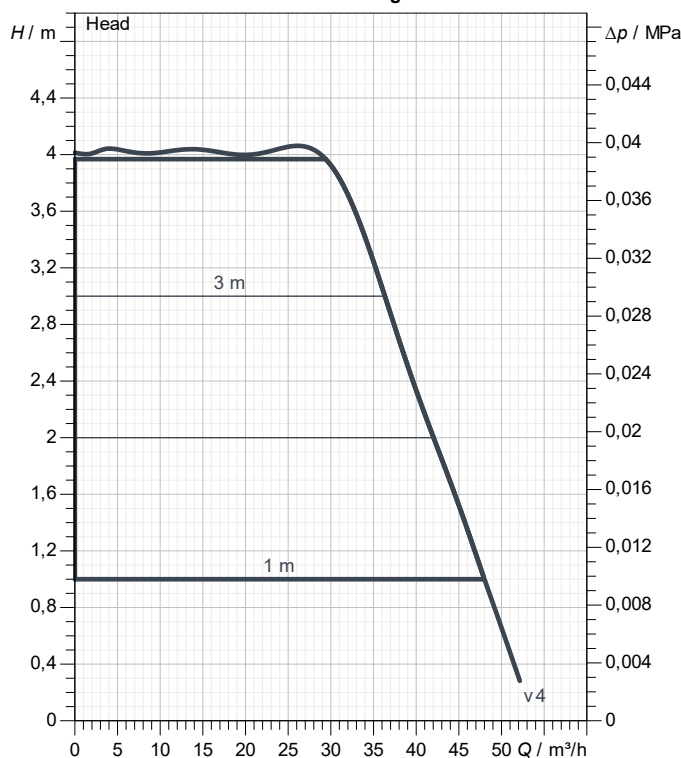
### Hydraulic data (duty point)

Flow :  
Head :

### Materials

Pump body Cast iron 250 UNI ISO 185 - CTF  
Impeller Technopolymer  
Motor shaft Stainless steel  
Seal ring EPDM  
Motor casing Die cast aluminium  
Closing flange Stainless steel  
Thrust ring support Stainless steel

### Curve tolerance according to ISO 9906



### Motor data

Motor brand : DAB  
Max Power input P1 : 0,53 kW  
Rated voltage : 1~ 220-240 V 50 Hz  
Nominal current : 2,5 A  
Degree of protection : IP 44

### Dimensions in mm

|    |     |    |     |    |     |  |  |
|----|-----|----|-----|----|-----|--|--|
| A1 | 19  | D3 | 156 | L1 | 225 |  |  |
| B  | 463 | D4 | 105 | L2 | 225 |  |  |
| B1 | 110 | H  | 292 |    |     |  |  |
| B2 | 353 | H1 | 220 |    |     |  |  |
| D  | 220 | H2 | 273 |    |     |  |  |
| D1 | 180 | L  | 450 |    |     |  |  |

Weight : 37,5 kg

### Pump connection

Suction side : DN 100 / PN6, PN10  
Discharge side : DN 100 / PN6, PN10

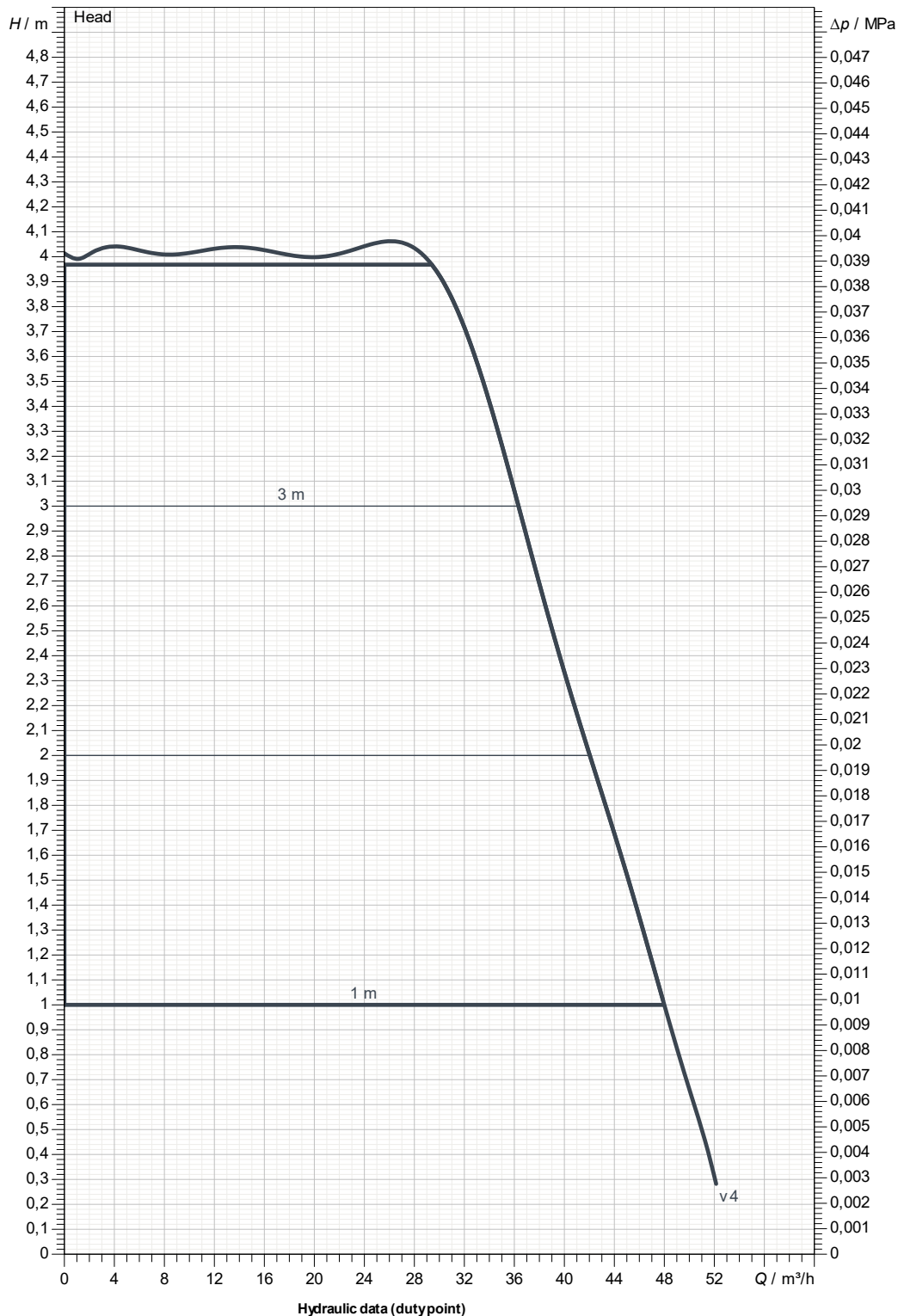
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## EVOPLUS B 40/450.100 M

Curve tolerance according to ISO 9906



Suction side :  
DN 100  
PN6, PN10

Discharge side :  
DN 100  
PN6, PN10

Flow :

Head :

Rated speed :  
2.800 1/min

MAIN\_PROJECT\_TITLE

BUSINESS\_PROCESS\_ID

OWNER\_

ISSUE\_DATE

2024-11-05



## DIMENSIONAL DRAWING

2024-11-05

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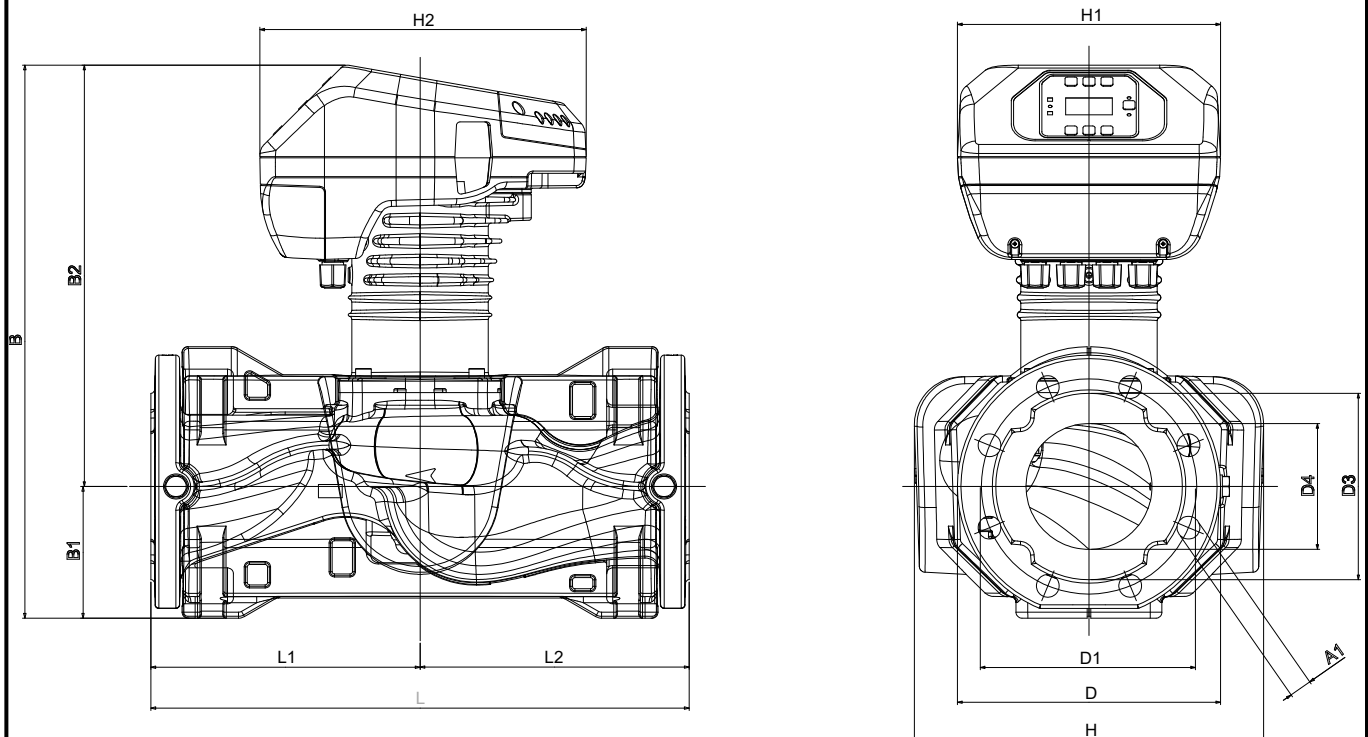
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

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### EVOPLUS B 40/450.100 M



#### Dimensions in mm

#### Pump connection

|    |    |     |    |     |  |  |  |           |
|----|----|-----|----|-----|--|--|--|-----------|
| 1  | A1 | 19  | L  | 450 |  |  |  |           |
| 2  | B  | 463 | L1 | 225 |  |  |  | Suction   |
| 3  | B1 | 110 | L2 | 225 |  |  |  | DN 100    |
| 4  | B2 | 353 |    |     |  |  |  | PN6, PN10 |
| 5  | D  | 220 |    |     |  |  |  |           |
| 6  | D1 | 180 |    |     |  |  |  | Discharge |
| 7  | D3 | 156 |    |     |  |  |  | DN 100    |
| 8  | D4 | 105 |    |     |  |  |  | PN6, PN10 |
| 9  | H  | 292 |    |     |  |  |  |           |
| 10 | H1 | 220 |    |     |  |  |  |           |
| 11 | H2 | 273 |    |     |  |  |  |           |

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