

## Receiver

Society  
Reference  
Address  
Phone  
Fax  
E-mail

## From

Item n° : Customer pos. no.:

60151028

Model :

EVOPLUS D 80/450.100 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)

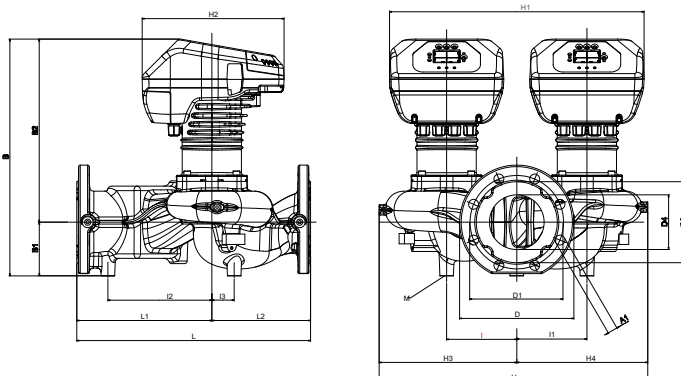
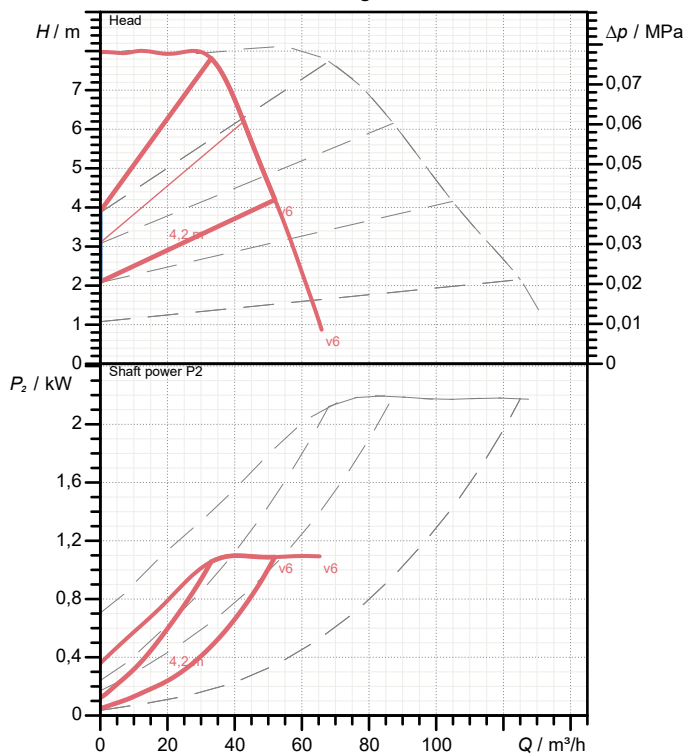
Flow :  
Head :

## 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

Number of working motors : 1



## Motor data

Motor brand : DAB  
Power input P1 : 1 X 1,08 kW  
Rated voltage : 1~ 220-240 V 50 Hz  
Nominal current : 1 X 4,8 A  
Degree of protection : IP 44

## Dimensions in mm

|    |     |    |     |    |     |    |     |
|----|-----|----|-----|----|-----|----|-----|
| A1 | 19  | D3 | 156 | H4 | 252 | L1 | 260 |
| B  | 456 | D4 | 105 | I  | 135 | L2 | 190 |
| B1 | 103 | H  | 517 | I1 | 135 | M  | M12 |
| B2 | 353 | H1 | 490 | I2 | 200 |    |     |
| D  | 220 | H2 | 273 | I3 | 43  |    |     |
| D1 | 180 | H3 | 265 | L  | 450 |    |     |

Weight : 68 kg

## Pump connection

Suction side : DN 100 / PN 6  
Discharge side : DN 100 / PN 6

Receiver

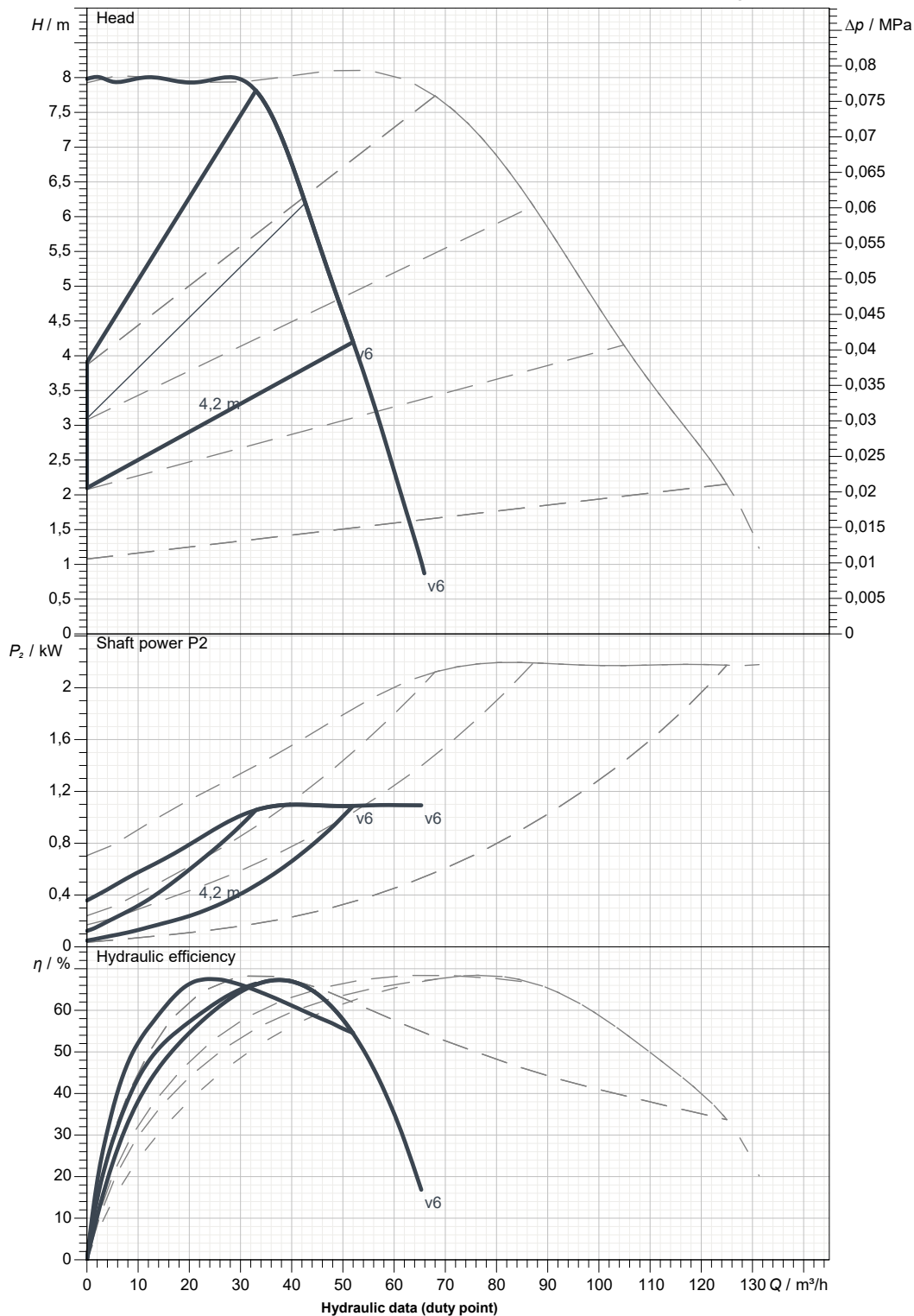
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## EVOPLUS D 80/450.100 M

Number of working motors : 1

Curve tolerance according to ISO 9906



Suction side :

DN 100

PN 6

Discharge side :

DN 100

PN 6

Flow :

Head :

Rated speed :

2.900 1/min

MAIN\_PROJECT\_TITLE

BUSINESS\_PROCESS\_IT

OWNER\_

ISSUE\_DATE

2023-02-06



## DIMENSIONAL DRAWING

2023-02-06

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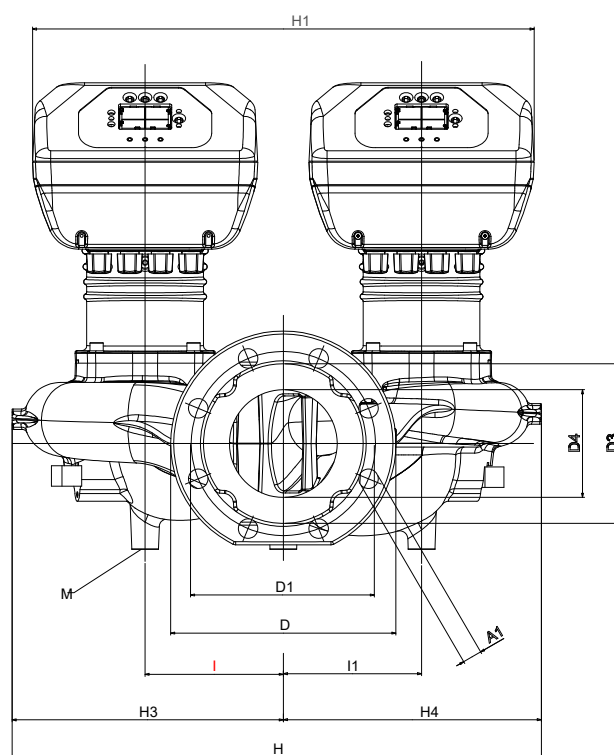
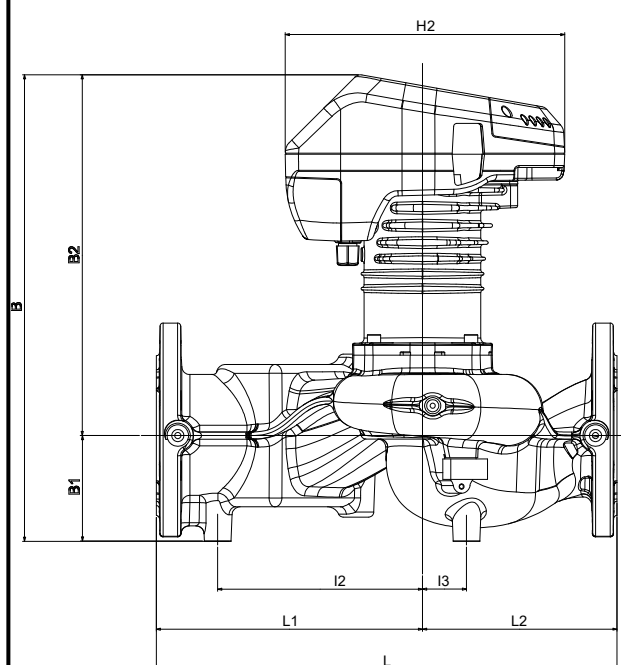
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

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### EVOPLUS D 80/450.100 M



#### Dimensions in mm

#### Pump connection

|    |    |     |    |     |  |  |  |  |  |           |
|----|----|-----|----|-----|--|--|--|--|--|-----------|
| 1  | A1 | 19  | H3 | 265 |  |  |  |  |  |           |
| 2  | B  | 456 | H4 | 252 |  |  |  |  |  |           |
| 3  | B1 | 103 | I  | 135 |  |  |  |  |  | Suction   |
| 4  | B2 | 353 | I1 | 135 |  |  |  |  |  | DN 100    |
| 5  | D  | 220 | I2 | 200 |  |  |  |  |  | PN 6      |
| 6  | D1 | 180 | I3 | 43  |  |  |  |  |  |           |
| 7  | D3 | 156 | L  | 450 |  |  |  |  |  | Discharge |
| 8  | D4 | 105 | L1 | 260 |  |  |  |  |  | DN 100    |
| 9  | H  | 517 | L2 | 190 |  |  |  |  |  | PN 6      |
| 10 | H1 | 490 | M  | M12 |  |  |  |  |  |           |
| 11 | H2 | 273 |    |     |  |  |  |  |  |           |

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BUSINESS\_PROCESS\_IC

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