

## Receiver

## From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

### Item n° :

### Customer pos. no.:

60167332

Model :

DCM-G 100-3680/A/BAQE/18,5 IE3

### Pump data

MEI  $\geq$  0,40

Pressure rating : PN 16  
Min. fluid temperature : -10 °C  
Max. fluid temperature : 140 °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 : 0,34 psi

### Hydraulic data (duty point)

Flow :  
Head :  
NPSH :  
Shaft power P2 :  
Efficiency :

### Materials

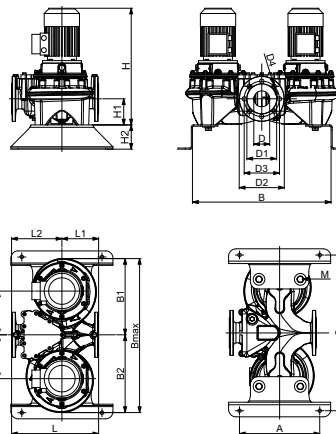
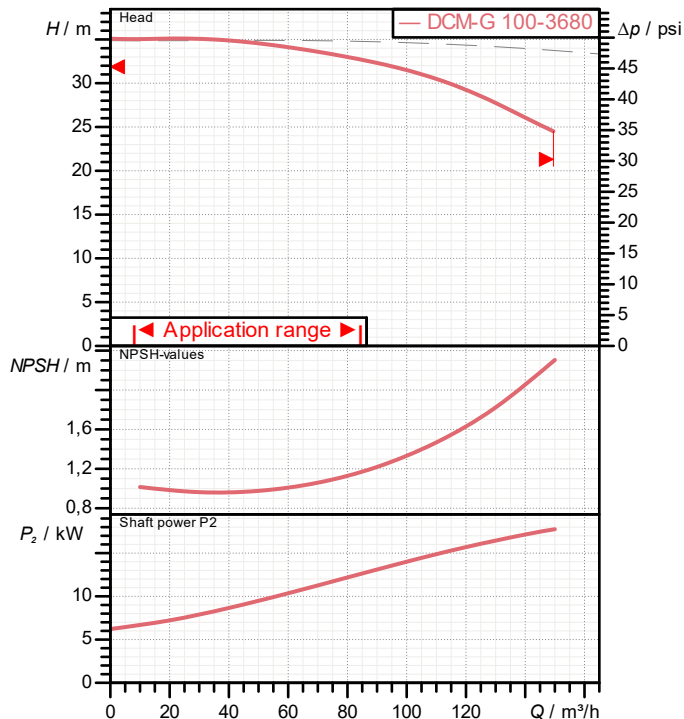
Pump body Cast iron 250 UNI ISO 185  
Support Cast iron 250 UNI ISO 185  
Impeller Cast iron 250 UNI ISO 185  
Mechanical seal SEE "SHAFT SEAL" SECTION  
O-Ring EPDM Rubber  
Shaft with rotor AISI 304 X5 Cr Ni 1810 UNI 6900/71

### Motor data

Motor brand :  
Nominal power P2 : 1 X 18,5 kW  
Rated speed : 1.470 1/min  
Rated voltage : 3~ 400 V 50 Hz  
Nominal current : 1 X 34 A  
Degree of protection : IP 55

### Curve tolerance according to ISO 9906

Number of working motors : 1



Weight : 860 kg

### Dimensions in mm

|      |       |    |         |    |     |
|------|-------|----|---------|----|-----|
| A    | 500   | D2 | 220     | L2 | 404 |
| B    | 836   | D3 | 180     | M  | M16 |
| B1   | 560   | D4 | 8 x Ø18 | N  | 300 |
| B2   | 575   | H  | 1.068   |    |     |
| Bmax | 1.135 | H1 | 175     |    |     |
| C    | 956   | H2 | 100     |    |     |
| D    | 100   | L  | 670     |    |     |
| D1   | 156   | L1 | 266     |    |     |

### Pump connection

Suction side : DN 100 / PN 16  
Discharge side : DN 100 / PN 16

Receiver

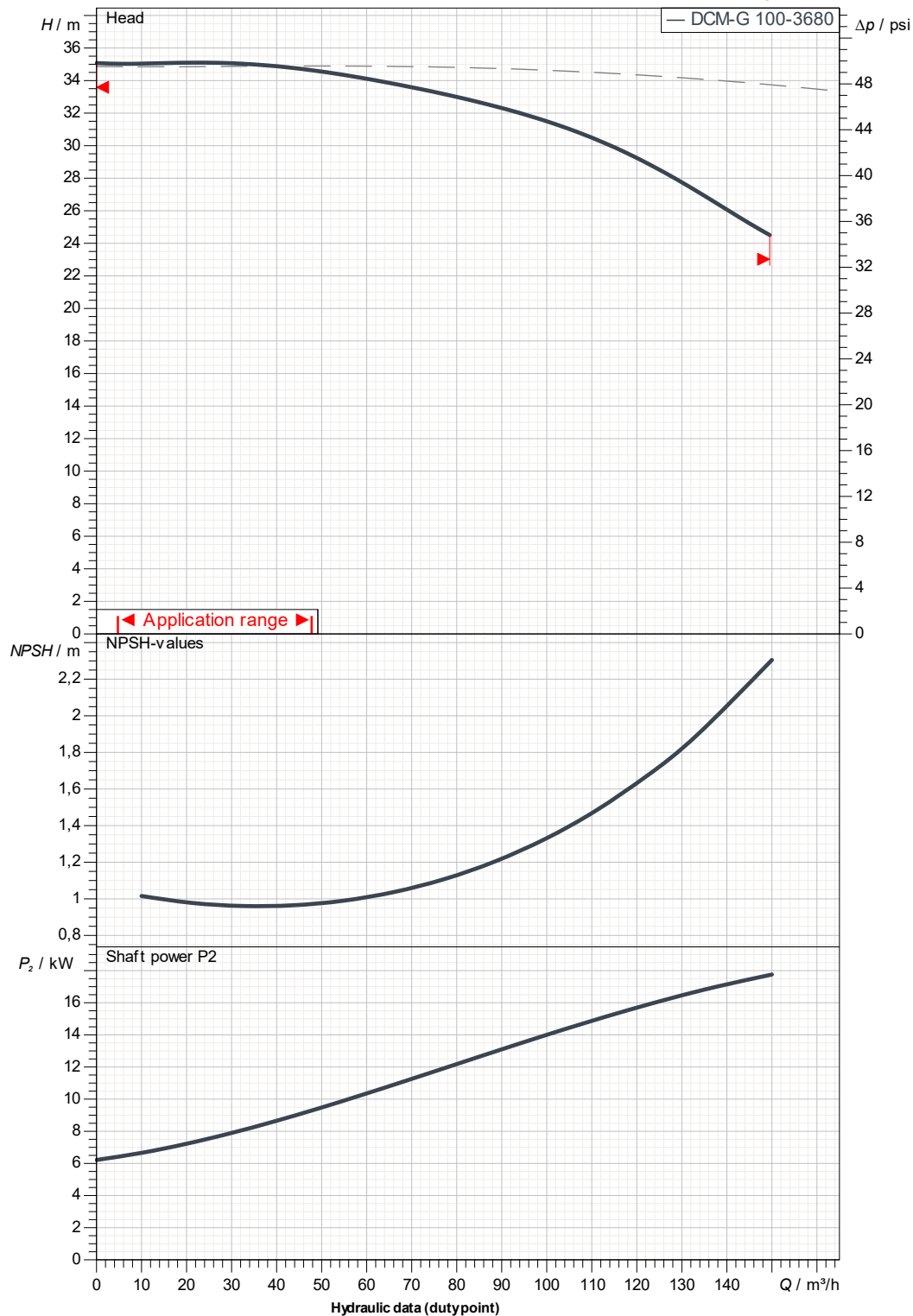
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DCM-G 100-3680/A/BAQE/18,5 IE3

Number of working motors : 1

Curve tolerance according to ISO 9906



Suction side :

DN 100

PN 16

Discharge side :

DN 100

PN 16

Flow :

Head :

Rated speed :

1.470 1/min

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2025-08-04



## DIMENSIONAL DRAWING

2025-08-04

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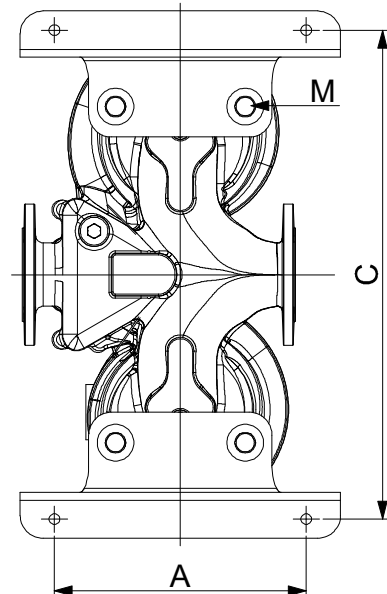
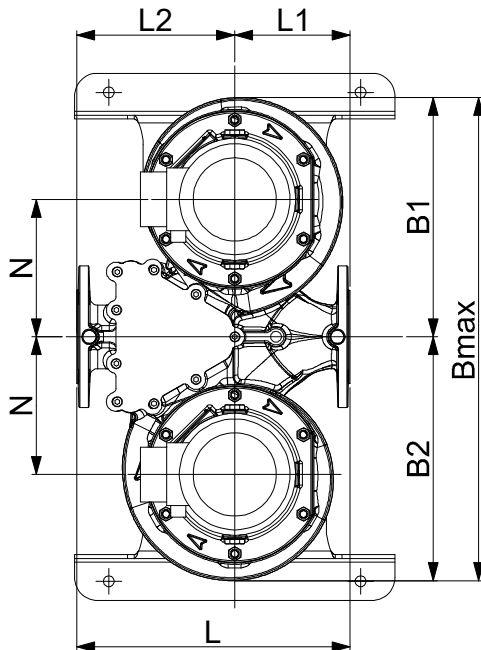
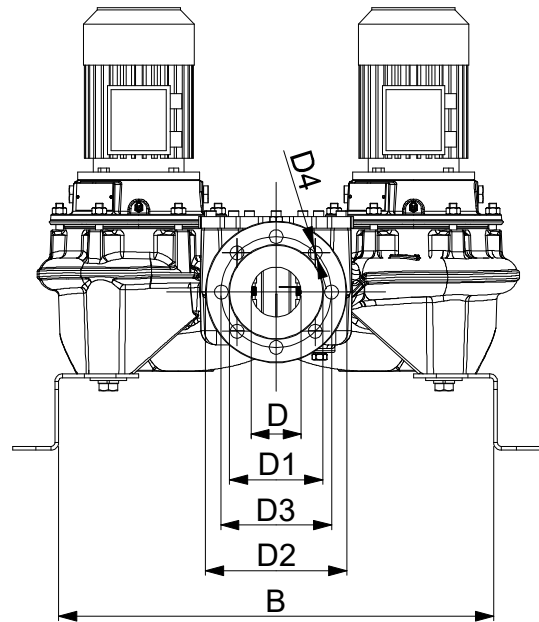
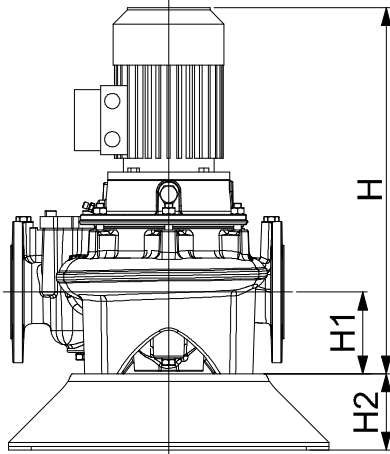
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

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### DCM-G 100-3680/A/BAQE/18,5 IE3



Dimensions in mm

Pump connection

|    |      |         |    |       |  |  |  |           |
|----|------|---------|----|-------|--|--|--|-----------|
| 1  | A    | 500     | H  | 1.068 |  |  |  |           |
| 2  | B    | 836     | H1 | 175   |  |  |  |           |
| 3  | B1   | 560     | H2 | 100   |  |  |  | Suction   |
| 4  | B2   | 575     | L  | 670   |  |  |  | DN 100    |
| 5  | Bmax | 1.135   | L1 | 266   |  |  |  | PN 16     |
| 6  | C    | 956     | L2 | 404   |  |  |  |           |
| 7  | D    | 100     | M  | M16   |  |  |  | Discharge |
| 8  | D1   | 156     | N  | 300   |  |  |  | DN 100    |
| 9  | D2   | 220     |    |       |  |  |  | PN 16     |
| 10 | D3   | 180     |    |       |  |  |  |           |
| 11 | D4   | 8 x Ø18 |    |       |  |  |  |           |

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