

## Receiver

## From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

Item n° : Customer pos. no.:

60180095

Model :

DCM-G 100-1650/A/BAQE/5,5 IE3

### Pump data

MEI  $\geq$  0,60

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

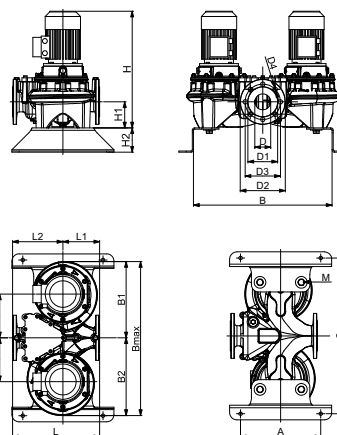
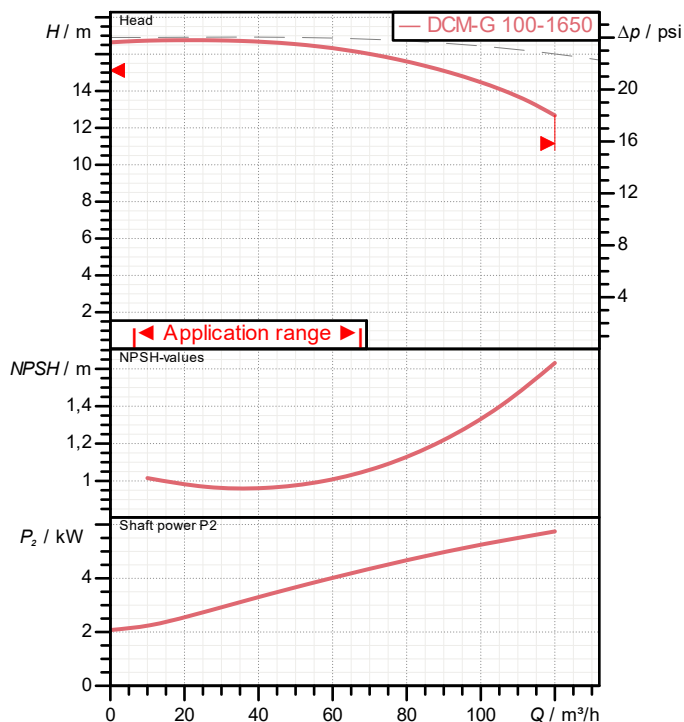
Pump body Cast iron 250 UNI ISO 185  
Support Cast iron 250 UNI ISO 185  
Impeller Cast iron 250 UNI ISO 185  
Mechanical seal SEE "SHAFT SEAL" SECTION  
O-Ring EPDM Rubber  
Shaft with rotor AISI 304 X5 Cr Ni 1810 UNI 6900/71

### Motor data

Motor brand :  
Nominal power P2 : 1 X 5,5 kW  
Rated speed : 1.450 1/min  
Rated voltage : 3~ 400 V 50 Hz  
Nominal current : 1 X 10,6 A  
Degree of protection : IP 55

### Curve tolerance according to ISO 9906

Number of working motors : 1



Weight : 344 kg

### Dimensions in mm

|      |     |    |         |    |     |
|------|-----|----|---------|----|-----|
| A    | 362 | D2 | 220     | L2 | 329 |
| B    | 753 | D3 | 180     | M  | M16 |
| B1   | 430 | D4 | 8 x Ø18 | N  | 250 |
| B2   | 440 | H  | 784     |    |     |
| Bmax | 870 | H1 | 140     |    |     |
| C    | 833 | H2 | 100     |    |     |
| D    | 100 | L  | 550     |    |     |
| D1   | 156 | L1 | 221     |    |     |

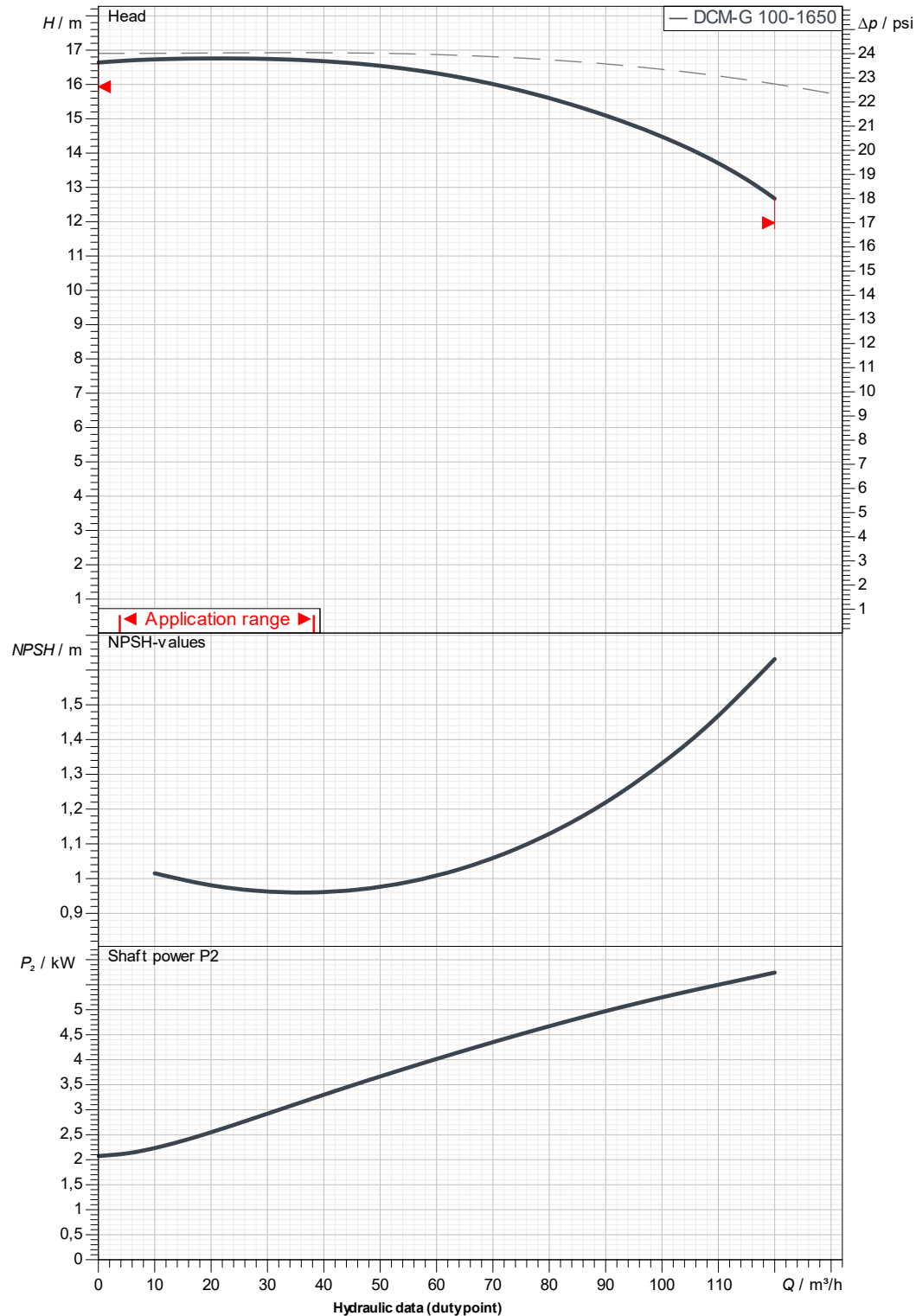
### Pump connection

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

Receiver

From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

**DCM-G 100-1650/A/BAQE/5,5 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 :

1.450 1/min

MAIN\_PROJECT\_TITLE

BUSINESS\_PROCESS\_ID

OWNER\_

ISSUE\_DATE

2025-08-04



## DIMENSIONAL DRAWING

2025-08-04

Page 3 / 3

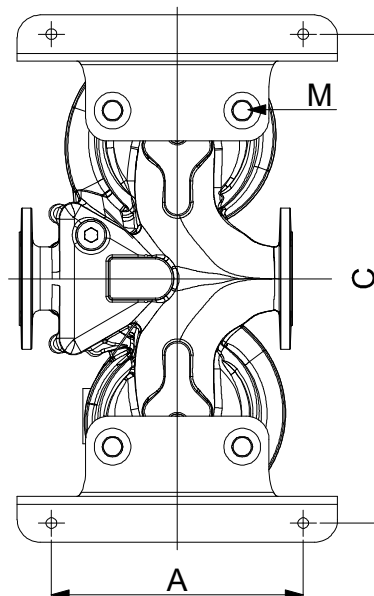
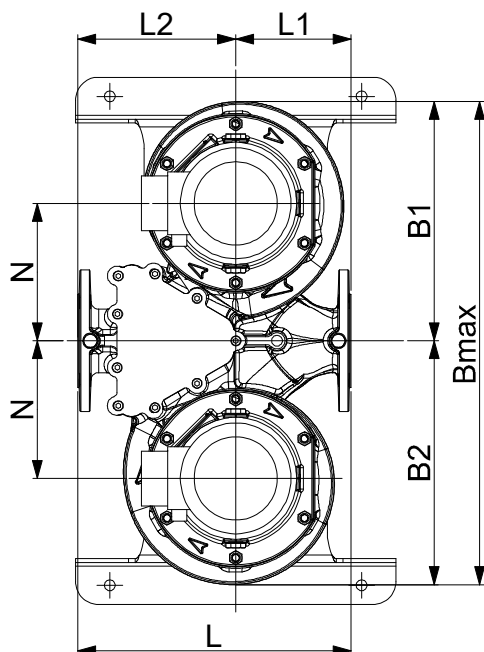
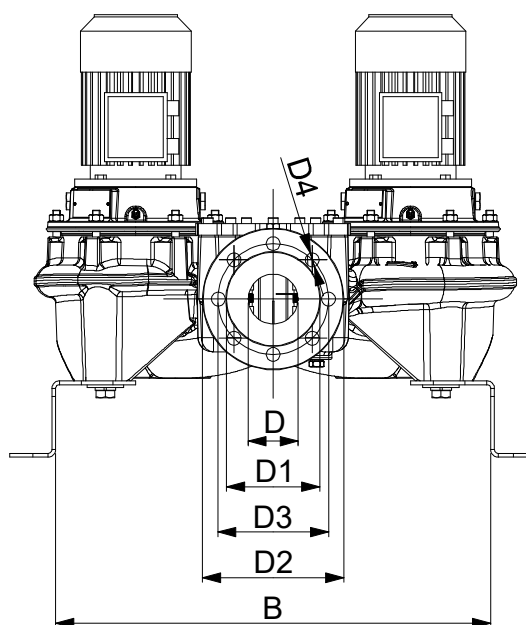
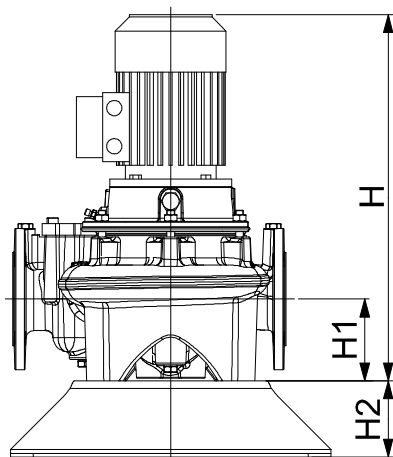
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

Receiver

From

Company  
Reference  
Address  
Phone  
Fax  
E-mail

### DCM-G 100-1650/A/BAQE/5,5 IE3



Dimensions in mm

Pump connection

|    |      |         |    |     |  |  |           |
|----|------|---------|----|-----|--|--|-----------|
| 1  | A    | 362     | H  | 784 |  |  |           |
| 2  | B    | 753     | H1 | 140 |  |  |           |
| 3  | B1   | 430     | H2 | 100 |  |  | Suction   |
| 4  | B2   | 440     | L  | 550 |  |  | DN 100    |
| 5  | Bmax | 870     | L1 | 221 |  |  | PN 16     |
| 6  | C    | 833     | L2 | 329 |  |  |           |
| 7  | D    | 100     | M  | M16 |  |  | Discharge |
| 8  | D1   | 156     | N  | 250 |  |  | DN 100    |
| 9  | D2   | 220     |    |     |  |  | PN 16     |
| 10 | D3   | 180     |    |     |  |  |           |
| 11 | D4   | 8 x Ø18 |    |     |  |  |           |

MAIN\_PROJECT\_TITLE

BUSINESS\_PROCESS\_ID

OWNER\_

ISSUE\_DATE

2025-08-04