

## Receiver

Society  
Reference  
Address  
Phone  
Fax  
E-mail

## From

DAB PUMPS OCEANIA  
FARMS OF THE FUTURE PROGRAM,  
426 SOUTH GIPPSLAND HWY, DANDENONG SOUTH  
1300 378 677

FOTF.AU@DABPUMPS.COM

### Item n° :

60199035

### Customer pos. no.:

### Model :

1 ESYBOX MAX 60/120 T

### Pump data

Pressure rating : 11,84 atm  
Constant pressure range : 0,9869 1,84 atm (2,96 atm by default)  
Min. fluid temperature : 0 °C  
Max. fluid temperature : 50 °C  
Max. Ambient temperature : 55 °C

### Requested data

Flow :  
Head :  
Fluid : Water  
Fluid Temperature : 20 °C  
Density : 998,3 kg/m³  
Kinematic viscosity : 1,005 mm²/s  
Vapor pressure : 0,02 atm

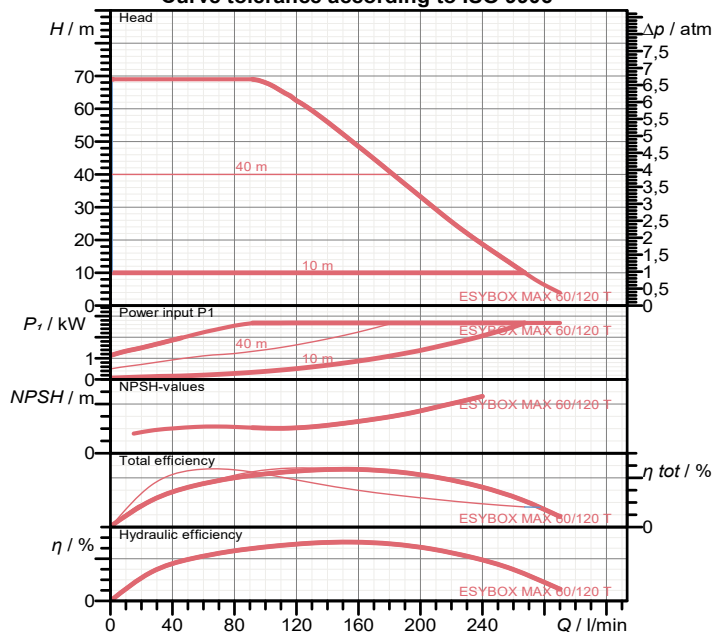
### Materials

Fitting Technopolymer PA66 30%GF  
Manifold Stainless Steel AISI 304  
Flange Technopolymer PA66 30%GF  
Pump body Technopolymer PA66 30%GF  
Pump body ring Technopolymer PP 30%GF  
Impeller Technopolymer PP 30%GF/AISI 304  
Diffuser Technopolymer PP 30%GF/AISI 304  
Motor axis Stainless Steel AISI 303  
O-Ring EPDM  
Motor flange Technopolymer PA66 30%GF  
Mechanical seal Impregnated carbon-resin/Silicon carbide/EPDM  
Motor liner Stainless Steel AISI 304  
Motor body Technopolymer PA66 30%GF  
Conveyor tube Technopolymer PP 30%GF  
Pressure sensor Nylon/EPDM  
Non-return valve POM/EPDM/AISI 302  
Non-return valve body Technopolymer PA66 30%GF  
Tank Noryl/Rubber  
Delivery body Technopolymer PA66 30%GF  
Outer liner Stainless Steel AISI 304

### Motor data

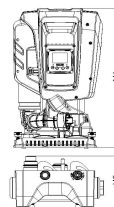
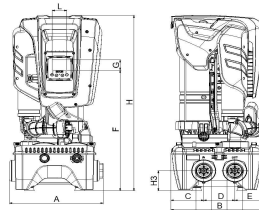
Power input P1 : 1 x 2,65 kW  
Maximum speed : 5.240 1/min  
Rated voltage : 3~ 380-460 V 50 Hz  
Nominal current : 1 x 4,2 A  
Degree of protection : IP X5

### Curve tolerance according to ISO 9906



### Hydraulic data (duty point)

Flow :  
Head :



### Dimensions in mm

|     |           |    |       |    |      |  |  |
|-----|-----------|----|-------|----|------|--|--|
| A   | 375       | E  | 127,7 | H3 | 87   |  |  |
| B   | 384       | F  | 526   | L  | 59,5 |  |  |
| C   | 131,8     | G  | 45    |    |      |  |  |
| D   | 124,5     | H  | 766   |    |      |  |  |
| DNA | 1"1/4 - ; | H1 | 613   |    |      |  |  |
| DNM | 1"1/4 - ; | H2 | 228   |    |      |  |  |

Weight : 38 kg

### Pump connection

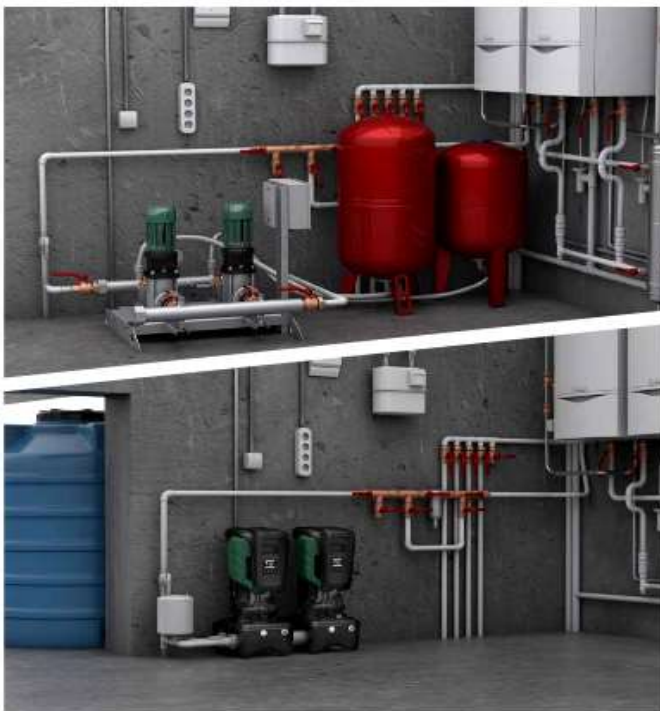
Suction side : 1"1/4 - 2" G / 11,84 atm  
Discharge side : 1"1/4 - 2" G / 11,84 atm

## ENERGY SAVING

BEFORE

AFTER

- **20%**  
Compared with  
traditional inverter pump



**D+CONNECT**  
BUILT-IN



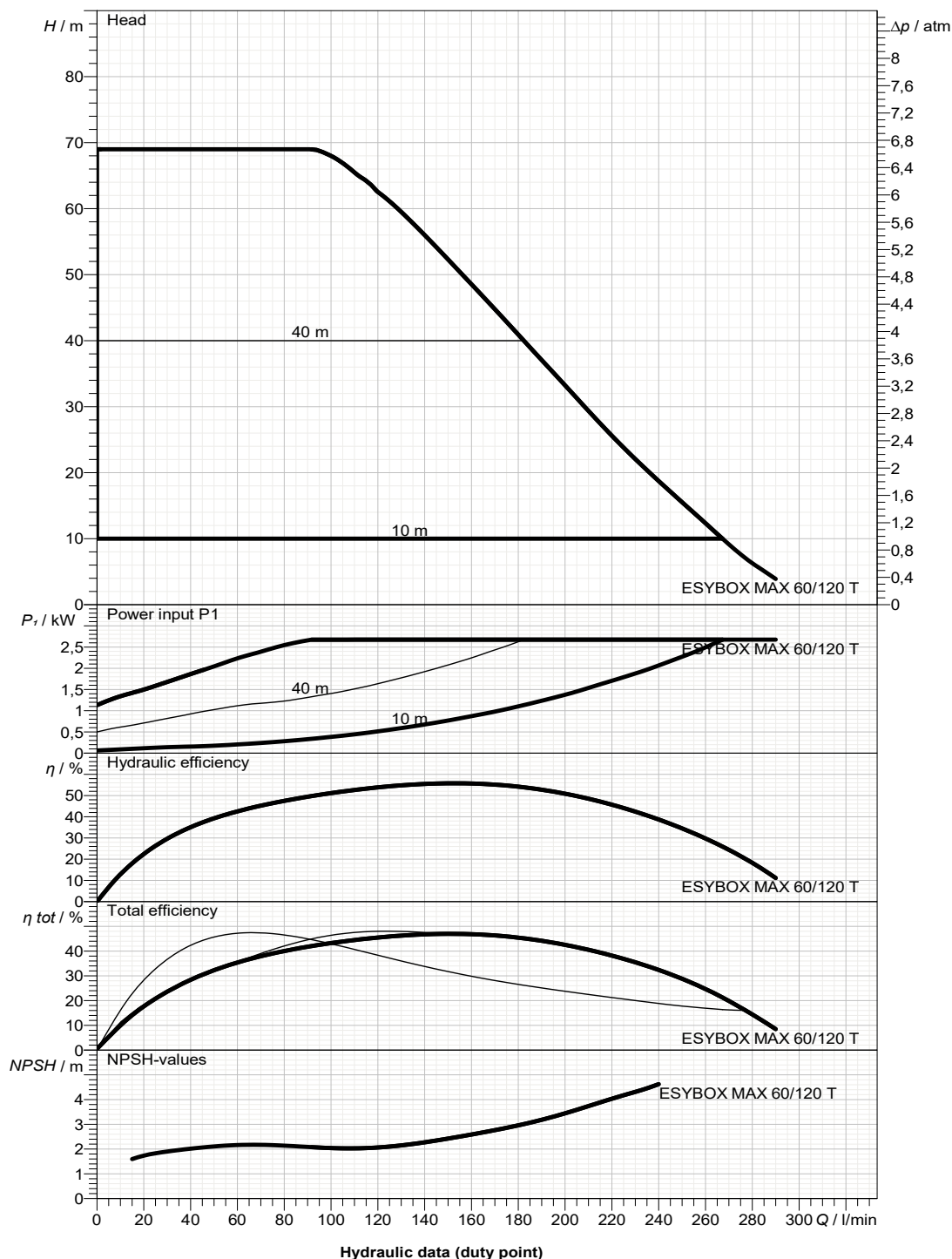
As quick as a "click"



| Receiver                                                  |  | From                                                                                                                                      |
|-----------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------|
| Society<br>Reference<br>Address<br>Phone<br>Fax<br>E-mail |  | DAB PUMPS OCEANIA<br>FARMS OF THE FUTURE PROGRAM,<br>426 SOUTH GIPPSLAND HWY, DANDENONG SOUTH<br>1300 378 677<br><br>FOTF.AU@DABPUMPS.COM |

## 1 ESYBOX MAX 60/120 T

Curve tolerance according to ISO 9906



|                                             |                                               |        |                          |                              |
|---------------------------------------------|-----------------------------------------------|--------|--------------------------|------------------------------|
| Suction side :<br>1"1/4 - 2" G<br>11,84 atm | Discharge side :<br>1"1/4 - 2" G<br>11,84 atm | Flow : | Head :                   | Rated speed :<br>5.240 1/min |
| MAIN_PROJECT_TITLE                          | BUSINESS_PROCESS_ID                           | OWNER_ | ISSUE_DATE<br>2023-01-12 |                              |



# DIMENSIONAL DRAWING

2023-01-12

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Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

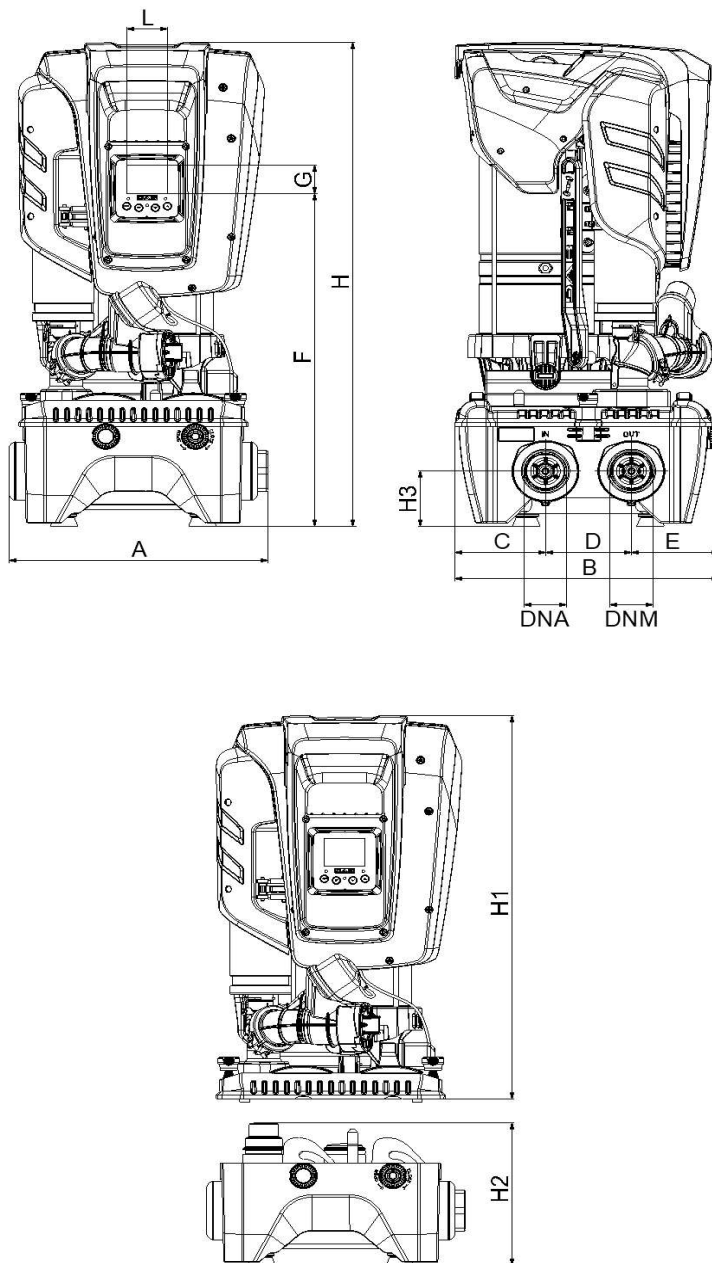
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## 1 ESYBOX MAX 60/120 T



### Dimensions in mm

### Pump connection

|    |     |            |    |      |  |  |  |  |  |              |
|----|-----|------------|----|------|--|--|--|--|--|--------------|
| 1  | A   | 375        | H2 | 228  |  |  |  |  |  |              |
| 2  | B   | 384        | H3 | 87   |  |  |  |  |  |              |
| 3  | C   | 131,8      | L  | 59,5 |  |  |  |  |  | Suction      |
| 4  | D   | 124,5      |    |      |  |  |  |  |  | 1"1/4 - 2" G |
| 5  | DNA | 1"1/4 - 2" |    |      |  |  |  |  |  | 11,84 atm    |
| 6  | DNM | 1"1/4 - 2" |    |      |  |  |  |  |  |              |
| 7  | E   | 127,7      |    |      |  |  |  |  |  | Discharge    |
| 8  | F   | 526        |    |      |  |  |  |  |  | 1"1/4 - 2" G |
| 9  | G   | 45         |    |      |  |  |  |  |  | 11,84 atm    |
| 10 | H   | 766        |    |      |  |  |  |  |  |              |
| 11 | H1  | 613        |    |      |  |  |  |  |  |              |

MAIN\_PROJECT\_TITLE

BUSINESS\_PROCESS\_ID

OWNER\_

ISSUE\_DATE

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