

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° :

60199035

Customer pos. no.:

Model :

1 ESY BOX MAX 60/120 T

Esybox Max with Esydock

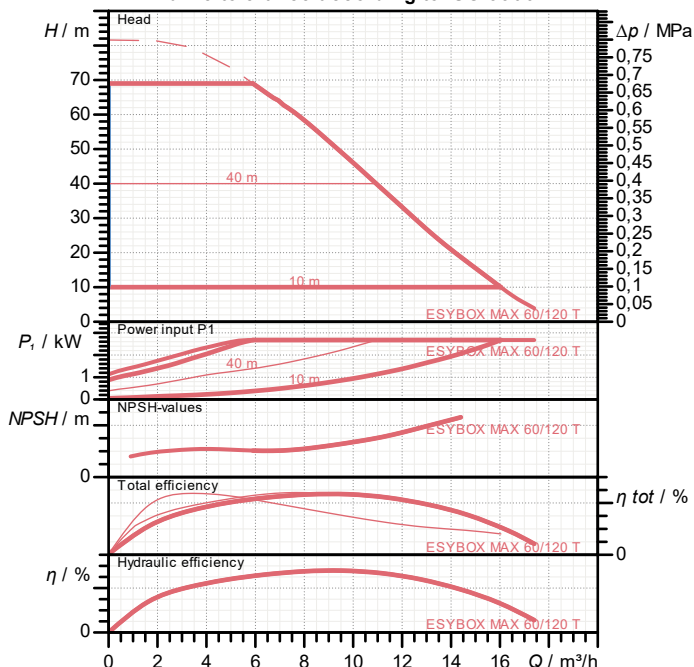
Pump data

Pressure rating : 1,2 MPa
Constant pressure range : 0,1 - 1,2 MPa(0,3 MPa 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 : 0,00 MPa

Curve tolerance according to ISO 9906

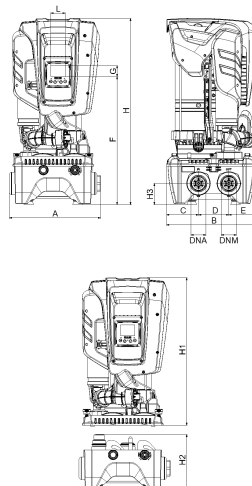


Materials

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

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 - 2"	H1	613		
DNM	1"1/4 - 2"	H2	228		

Weight : 38 kg

Pump connection

Suction side : 1"1/4 - 2" G / 1,2 MPa
Discharge side : 1"1/4 - 2" G / 1,2 MPa

Motor data

Max. Power input P1 : 1 x 2,65 kW
Maximum speed : 5.240 1/min
Rated voltage : 3~ 380-480 V 50 Hz
Nominal current : 1 x 4,4 A
Degree of protection : IP X5

ENERGY SAVING

BEFORE

AFTER

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



D+CONNECT
BUILT-IN



As quick as a "click"



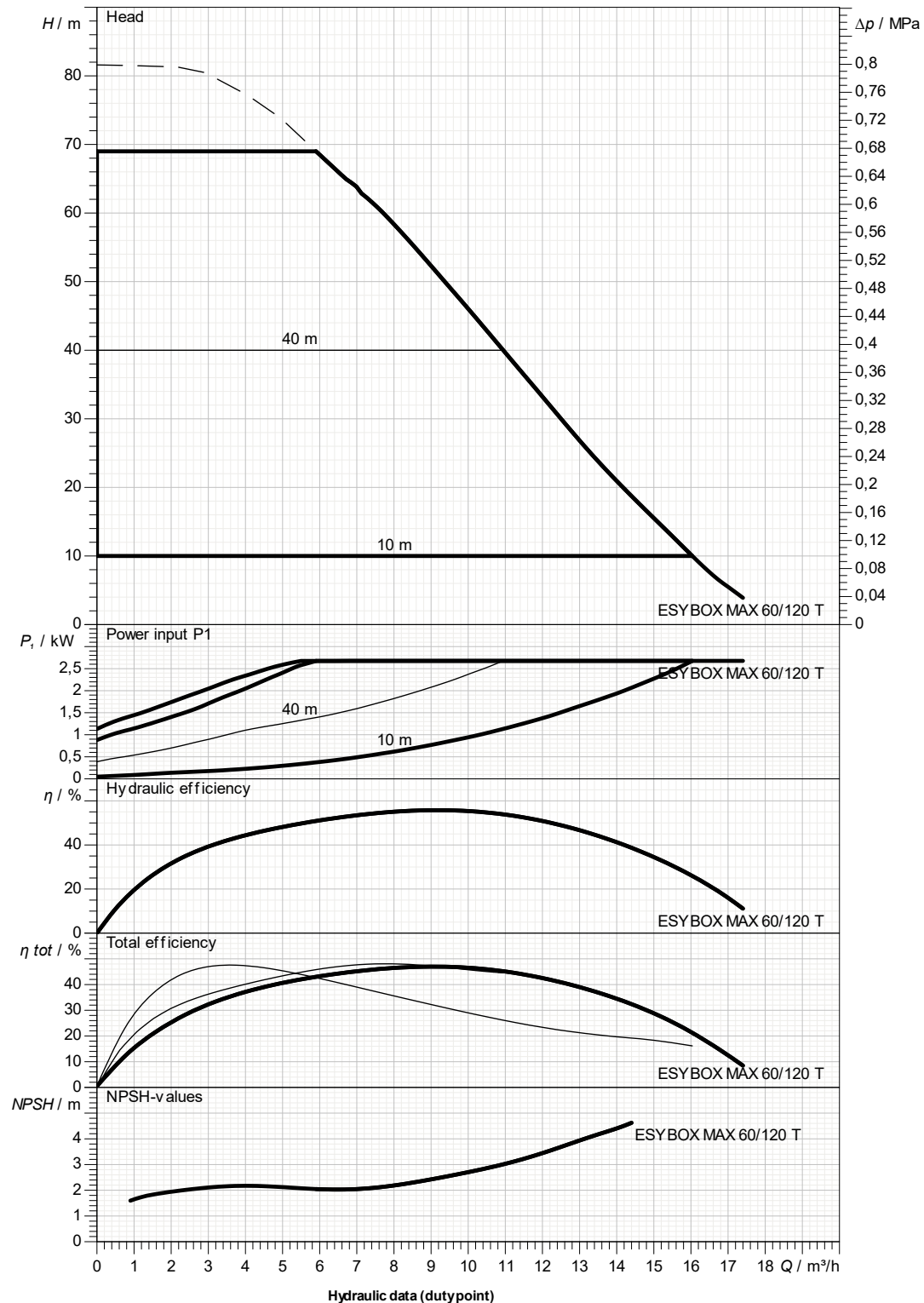
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Curve tolerance according to ISO 9906



Suction side :
1"1/4 - 2" G
1,2 MPa

Discharge side :
1"1/4 - 2" G
1,2 MPa

Flow :

Head :

Rated speed :
5.240 1/min

Project

Project ID

Created by

Created on

2025-07-28



DIMENSIONAL DRAWING

2025-07-28

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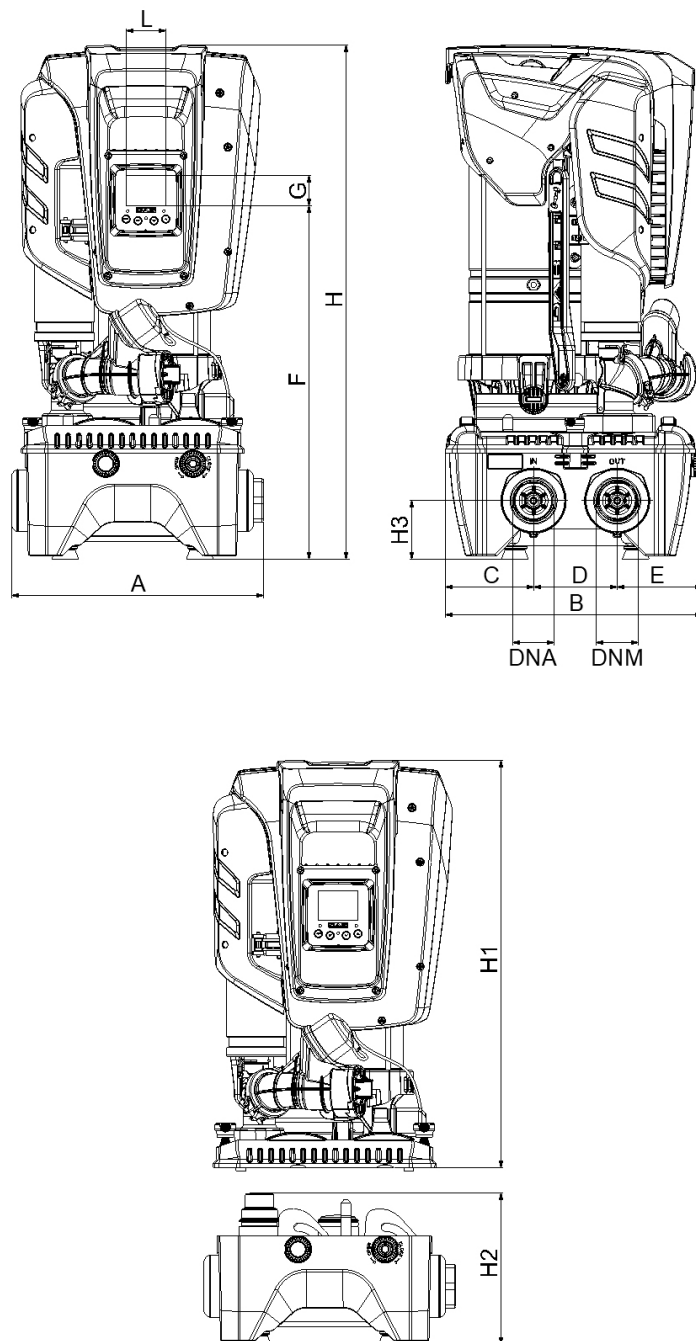
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

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

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