

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item no.

60195100

Customer pos. no.:

Model:

1 ESY BOX MAX 85/120 T

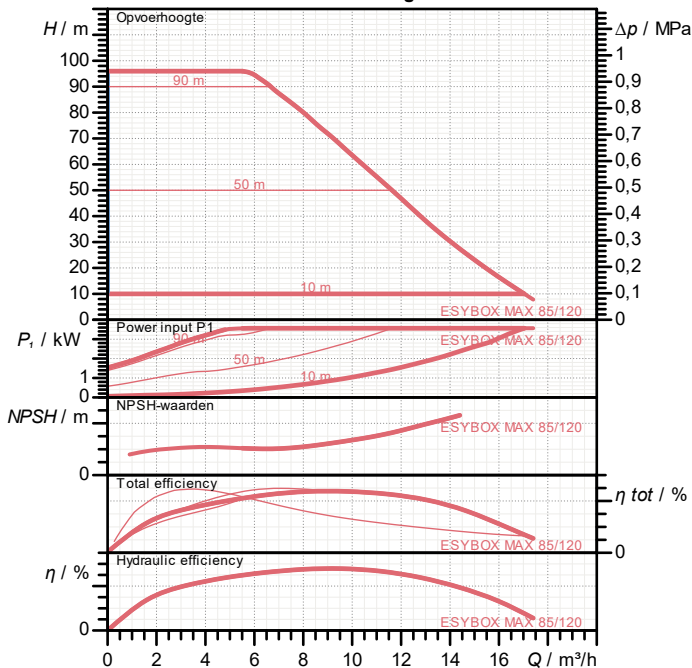
Pump data

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. Temperature operating : 55 °C

Requested data

Flow :
Head :
Fluid : Water
Fluid Temperature : 20 °C
Density : 998,3 kg/m³
Kinematic viscosity : 1,005 mm²/s
Dampspanning : 0,00 MPa

Curve tolerance according to ISO 9906

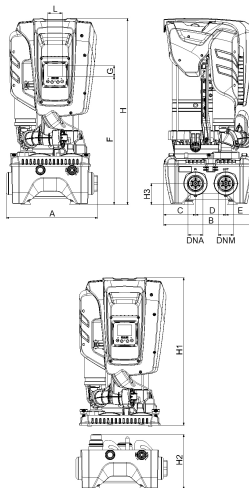


Materials

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
Motorhuis: 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 :



Dimension 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		

Gewicht: 39 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 3,5 kW
Maximum speed : 5.350 1/min
Rated voltage : 3~ 380-480 V 50 Hz
Nominal current : 1 x 5,5 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"



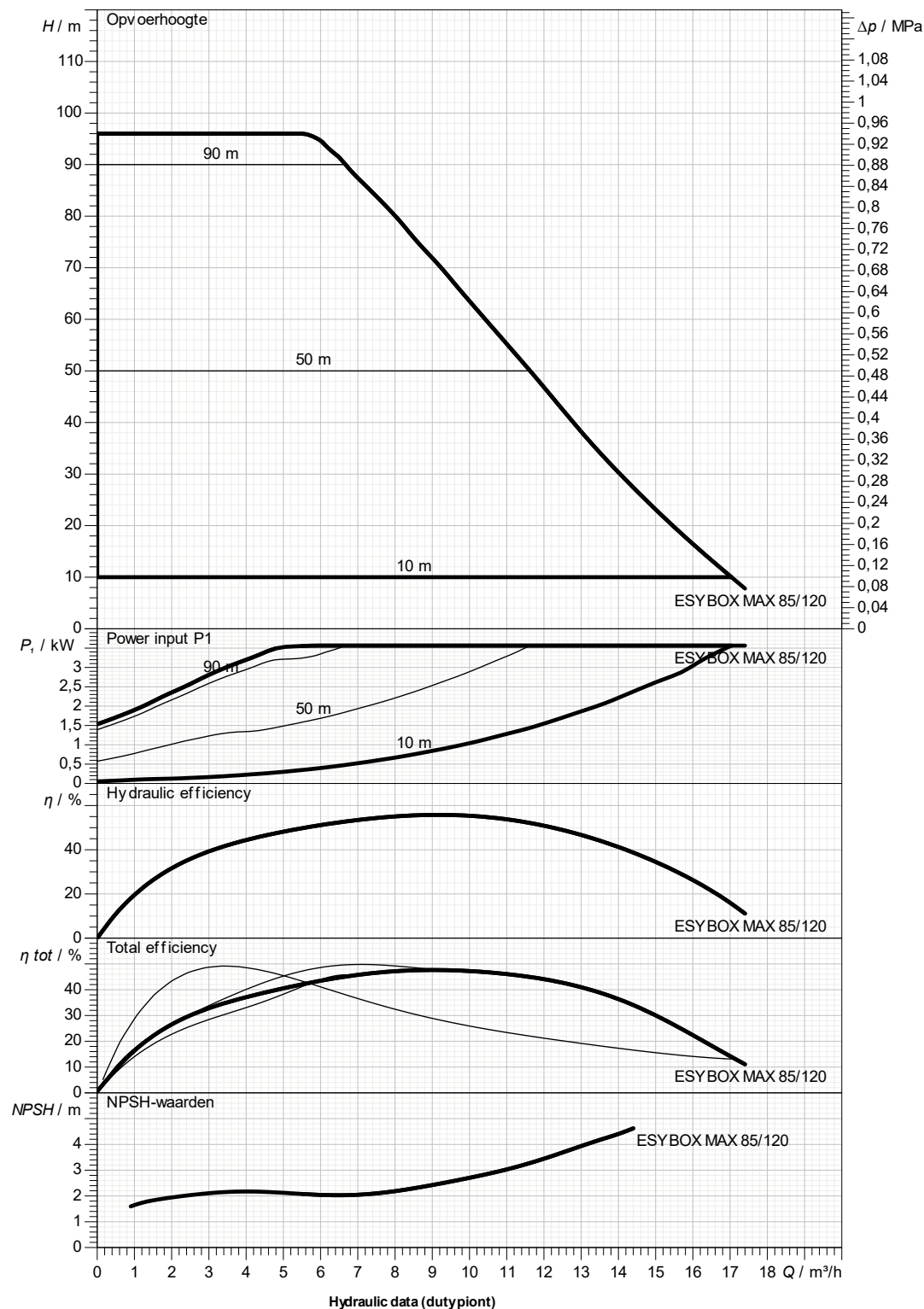
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Curve tolerance according to ISO 9906



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

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

Flow :

Head :

Rated speed:
5.350 1/min

Project

Projectnummer

Aangemaakt door:

Aangemaakt op

2024-05-30



DIMENSIONAL DRAWING

2024-05-30

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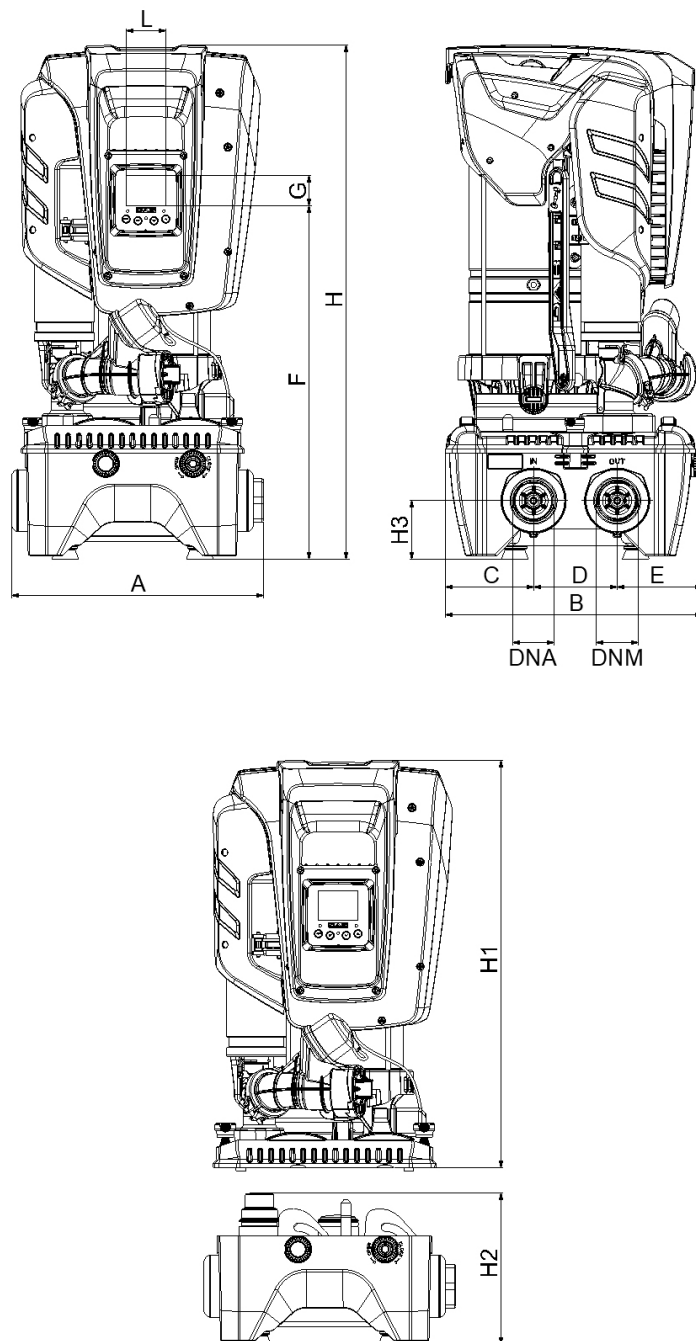
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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1 ESYBOX MAX 85/120 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"					1,2 MPa
6	DNM	1"1/4 - 2"					
7	E	127,7					Discharge
8	F	526					1"1/4 - 2" G
9	G	45					1,2 MPa
10	H	766					
11	H1	613					

Project

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Aangemaakt door:

Aangemaakt op

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