

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

Model :

2 ESYBOX MAX 85/120 T

Pump data

Pressure rating : 12 bar (1200 KPa)
Constant pressure range: 1-12 bar (3 bar by default)
Min. fluid temperature : 0 °C
Max. fluid temperature : 50 °C
Max. Ambient temperature : 55 °C

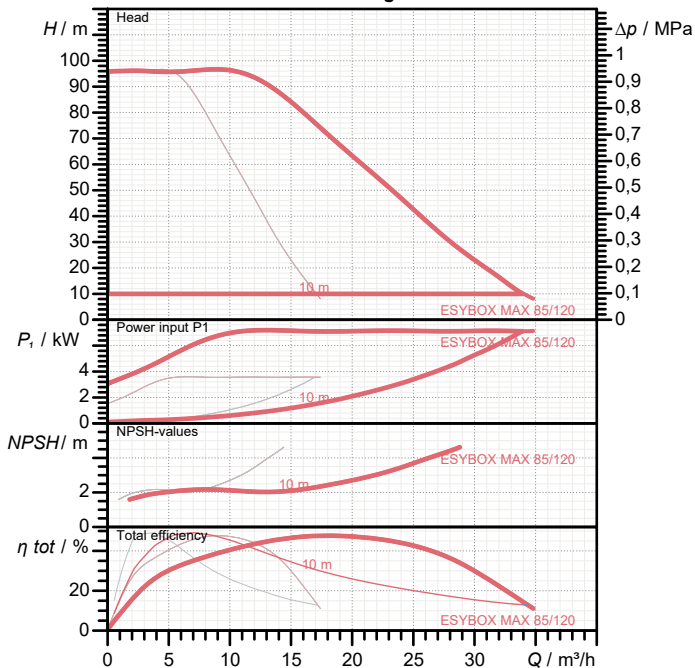
Requested data

Flow :
Head :
Fluid : Water
Fluid Temperature : 20 °C
Density : 998,3 kg/m³
Kinematic viscosity : 1,005 mm²/s
Vapor pressure : 2,34 kPa

Materials

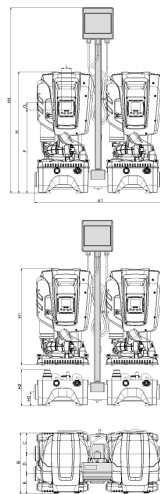
Fitting	Technopolymer PA66 30%GF
Manifold	Stainless Steel AISI 304
Flange	Technopolymer PA66 30%GF
Pump body	Technopolymer PA66 30%GF
Pump body ring	Technopolymer PP 30%GF
Impeller	Technopolymer PP 30%GF/AISI 304
Diffuser	Technopolymer PP 30%GF/AISI 304
Motor axis	Stainless Steel AISI 303
OR ring	EPDM
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

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Flow :
Head :



*Without the pillar kit and panel, do not consider the H4

Dimensions in mm

A1	811	E	127,7	H3	87		
B	384	F	526	H4	1.172		
C	131,8	G	45	L	59,5		
D	124,5	H	766				
DNA	2"	H1	613				
DNM	2"	H2	228				

Weight : 78 kg

Pump connection

Suction side : 2" G / 12 bar (1200 KPa)
Discharge side : 2" G / 12 bar (1200 KPa)

Motor data

Power input P1 : 2 x 3,5 kW
Maximum speed : 5.350 1/min
Rated voltage : 3~ 380-460 V 50 Hz
Nominal current : 2 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"



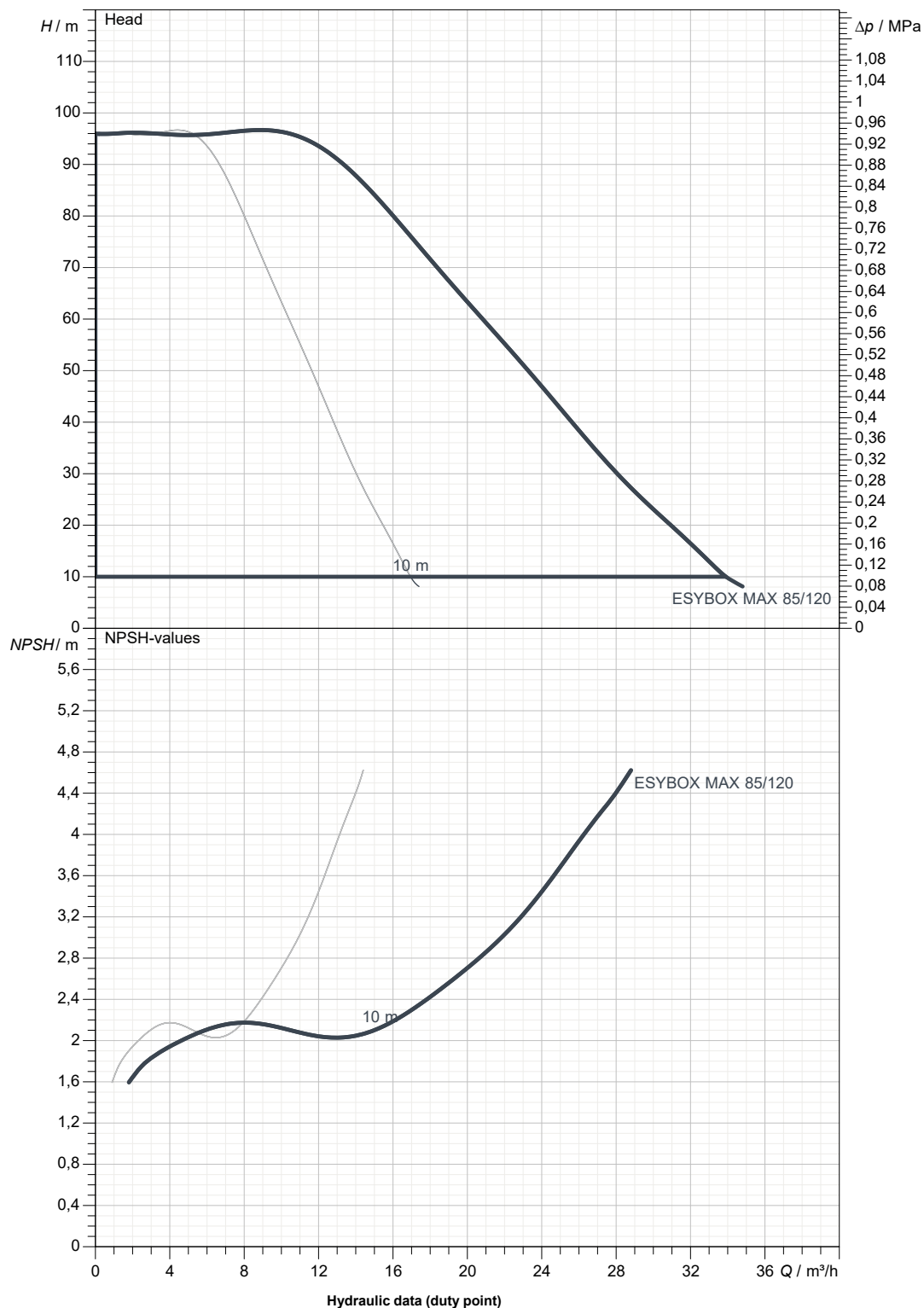
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Suction side :

2" G

12 bar (1200 KPa)

Discharge side :

2" G

12 bar (1200 KPa)

Flow :

Head :

Rated speed :

5.350 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_IT

OWNER_

ISSUE_DATE

2021-10-19



DIMENSIONAL DRAWING

2021-10-19

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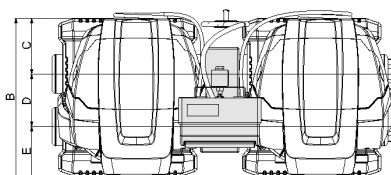
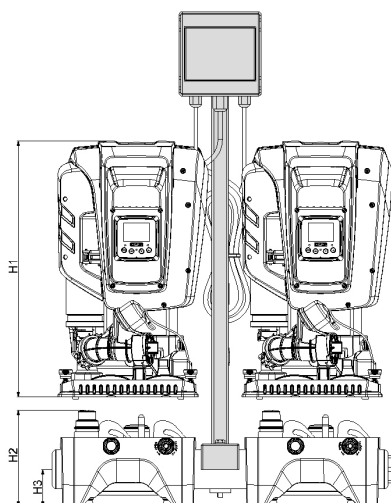
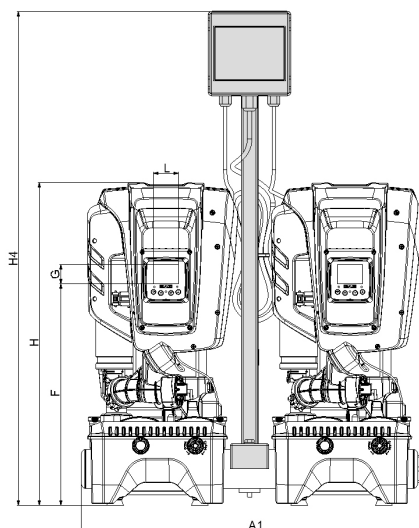
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm						Pump connection
1	A1	811	H3	87		Suction 2" G 12 bar (1200 KPa)
2	B	384	H4	1.172		
3	C	131,8	L	59,5		
4	D	124,5				
5	DNA	2"				Discharge 2" G 12 bar (1200 KPa)
6	DNM	2"				
7	E	127,7				
8	F	526				
9	G	45				
10	H	766				
11	H1	613				
12	H2	228				
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