

Receiver

Society
Reference
Address
Phone
Fax
E-mail

From

Item n° :

Model :

4 ESYBOX MAX 85/120 T

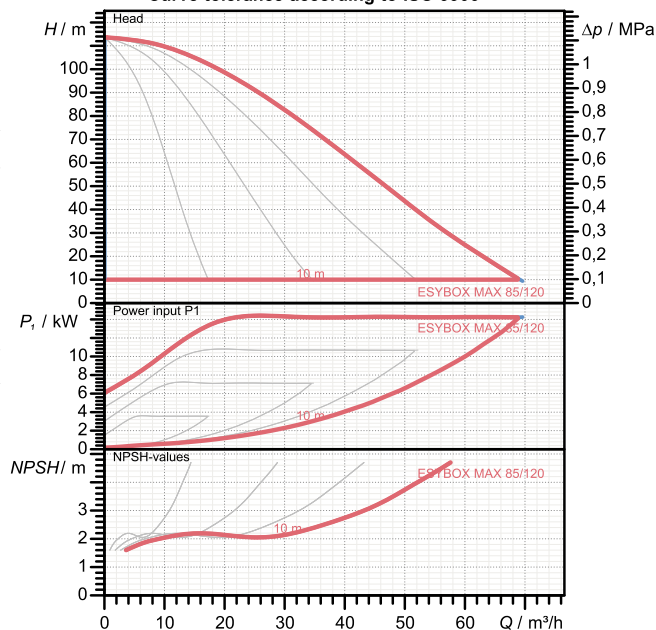
Pump data

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

Curve tolerance according to ISO 9906

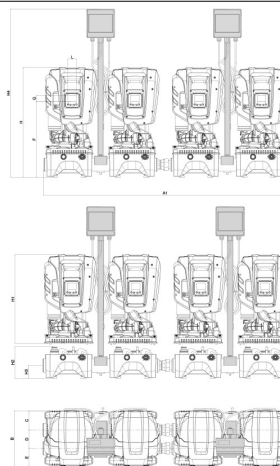


Materials

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
OR ring: EPDM
Motor flange: Technopolymer PA66 30%GF
Mechanical seal: Graphite/Stainless Steel/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 :



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

Dimensions in mm

A1	1.692	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 : 160 kg

Pump connection

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

Motor data

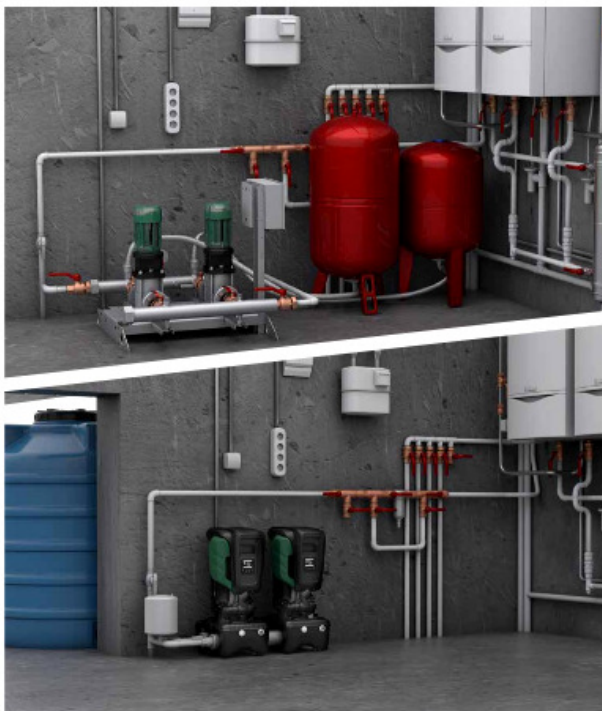
Power input P1 : 4 x 3,5 kW
Rated speed : 5.350 1/min
Rated voltage : 3~ 380-460 V 50 Hz
Nominal current : 4 x 5,5 A
Degree of protection : IP X5

ENERGY SAVING

BEFORE

AFTER

- 20%
Compared with
traditional inverter pump



D+CONNECT
BUILT-IN



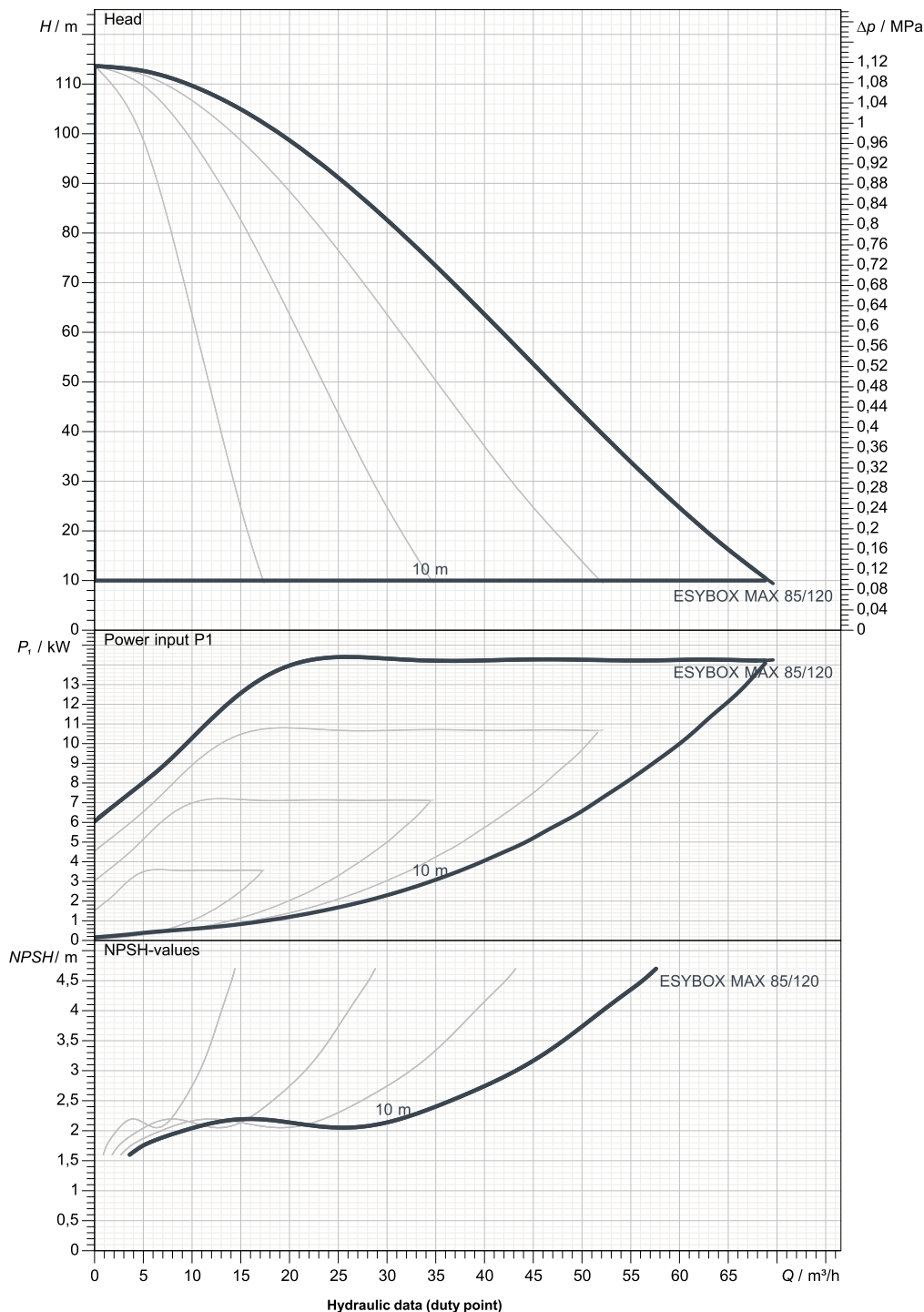
As quick as a "click"



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Curve tolerance according to ISO 9906



Suction side : 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 2021-06-10	



DIMENSIONAL DRAWING

2021-06-1C

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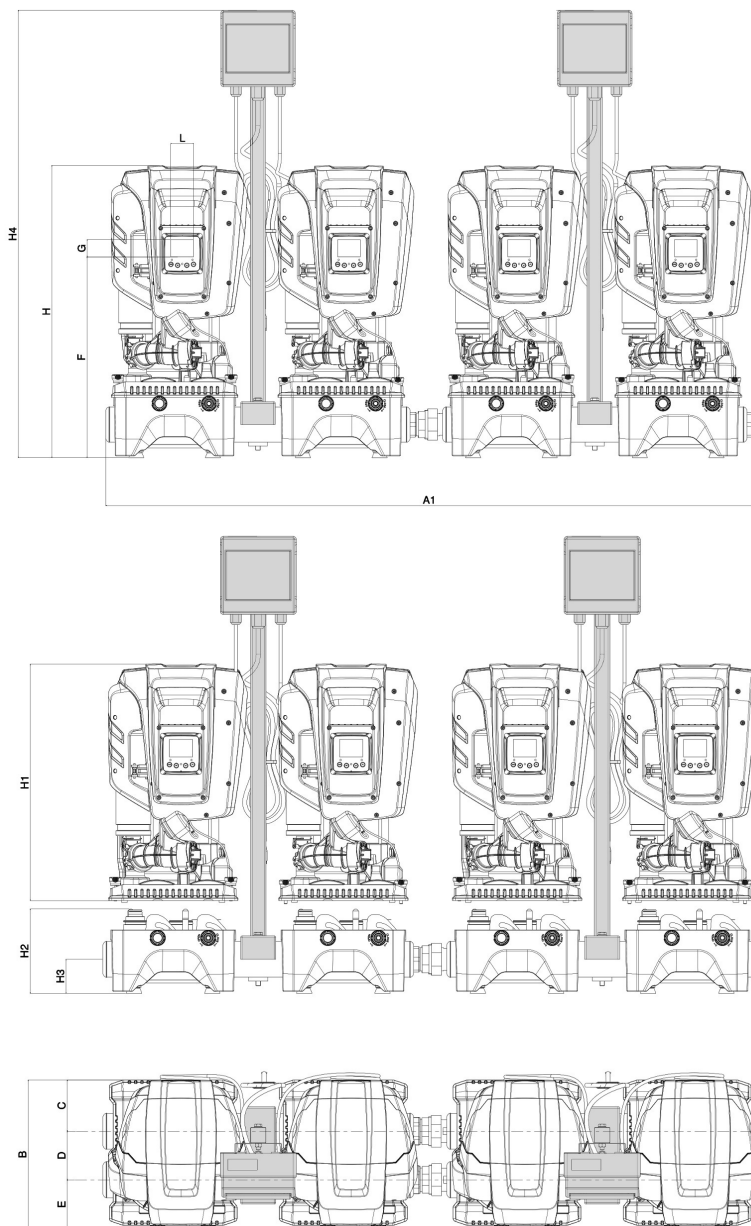
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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

Dimensions in mm						Pump connection
1	A1	1.692	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				
MAIN_PROJECT_TITLE			BUSINESS_PROCESS_IC		OWNER_	ISSUE_DATE 2021-06-10