

Receiver

Society
Reference
Address
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From

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

FOTF.AU@DABPUMPS.COM

Item n° :

Customer pos. no.:

Model :

4 ESYBOX MAX 85/120 T

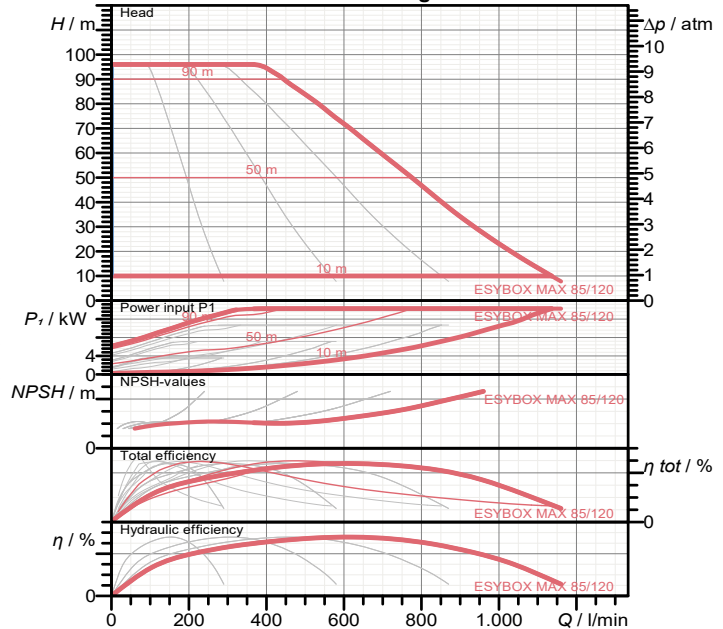
Pump data

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

Curve tolerance according to ISO 9906

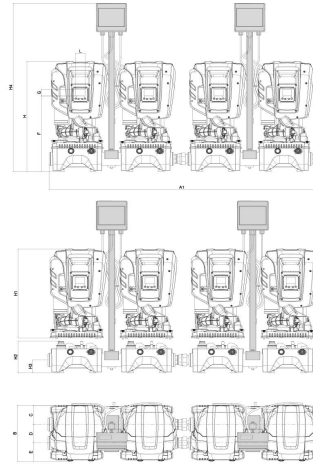


Materials

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 :



*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 / 11,84 atm
Discharge side : 2" G / 11,84 atm

Motor data

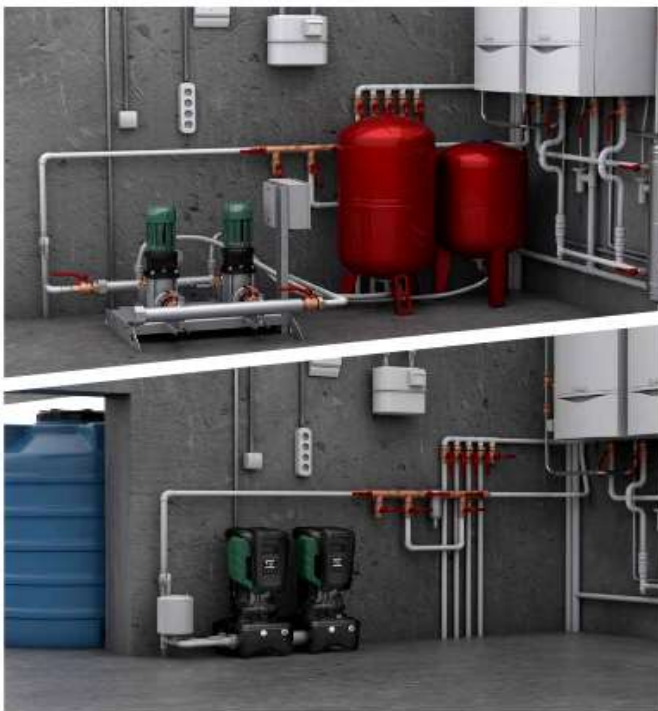
Power input P1 : 4 x 3,5 kW
Maximum speed : 5.350 1/min
Rated voltage : 3~ 380-460 V 50 Hz
Nominal current : 4 x 5,5 A
Degree of protection : IP X5

ENERGY SAVING

BEFORE

AFTER

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



D+CONNECT
BUILT-IN



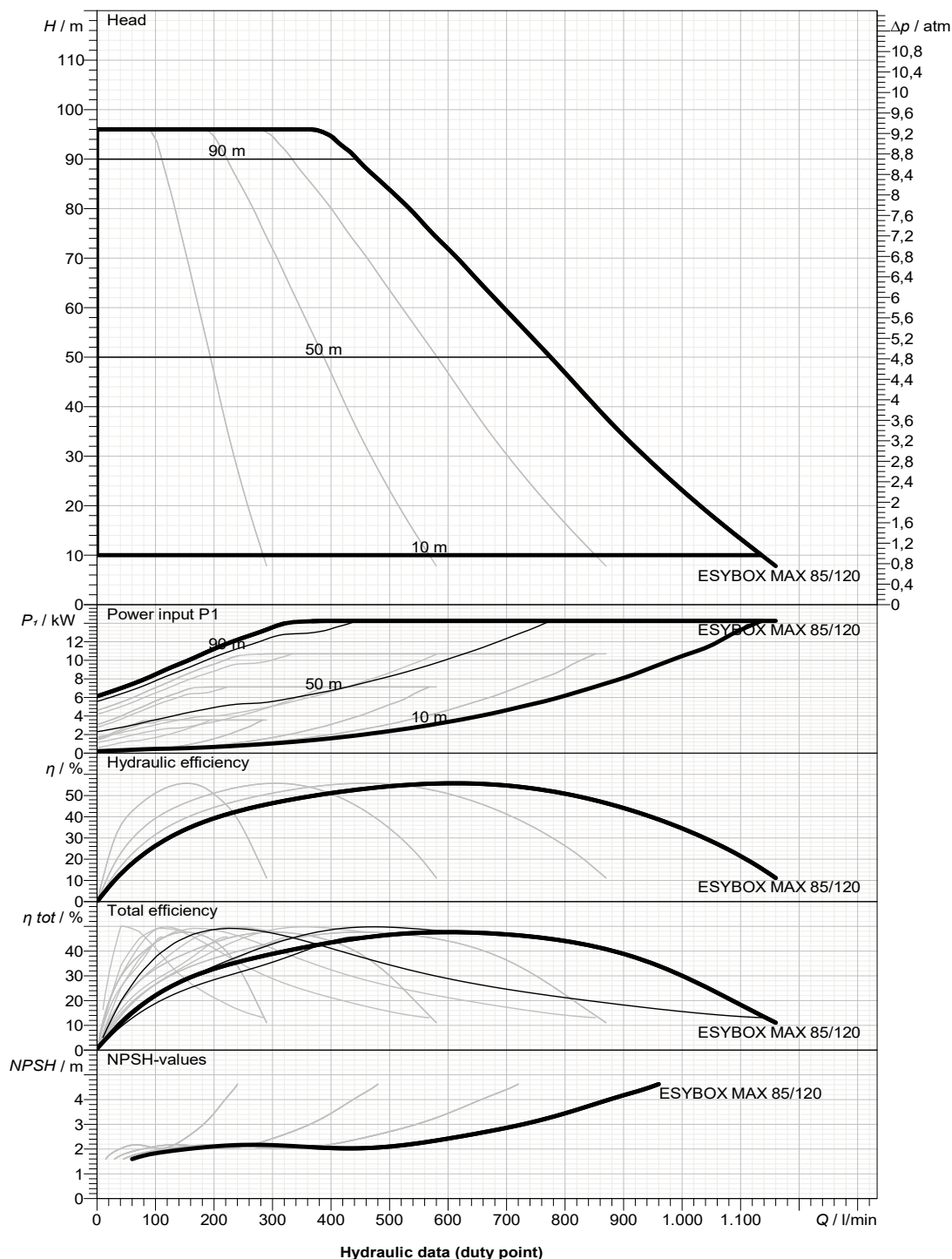
As quick as a "click"



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4 ESYBOX MAX 85/120 T

Curve tolerance according to ISO 9906



Suction side : 2" G 11,84 atm	Discharge side : 2" G 11,84 atm	Flow :	Head :	Rated speed : 5.350 1/min
MAIN_PROJECT_TITLE	BUSINESS_PROCESS_ID	OWNER_	ISSUE_DATE 2023-01-12	



DIMENSIONAL DRAWING

2023-01-12

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www.dabpumps.com

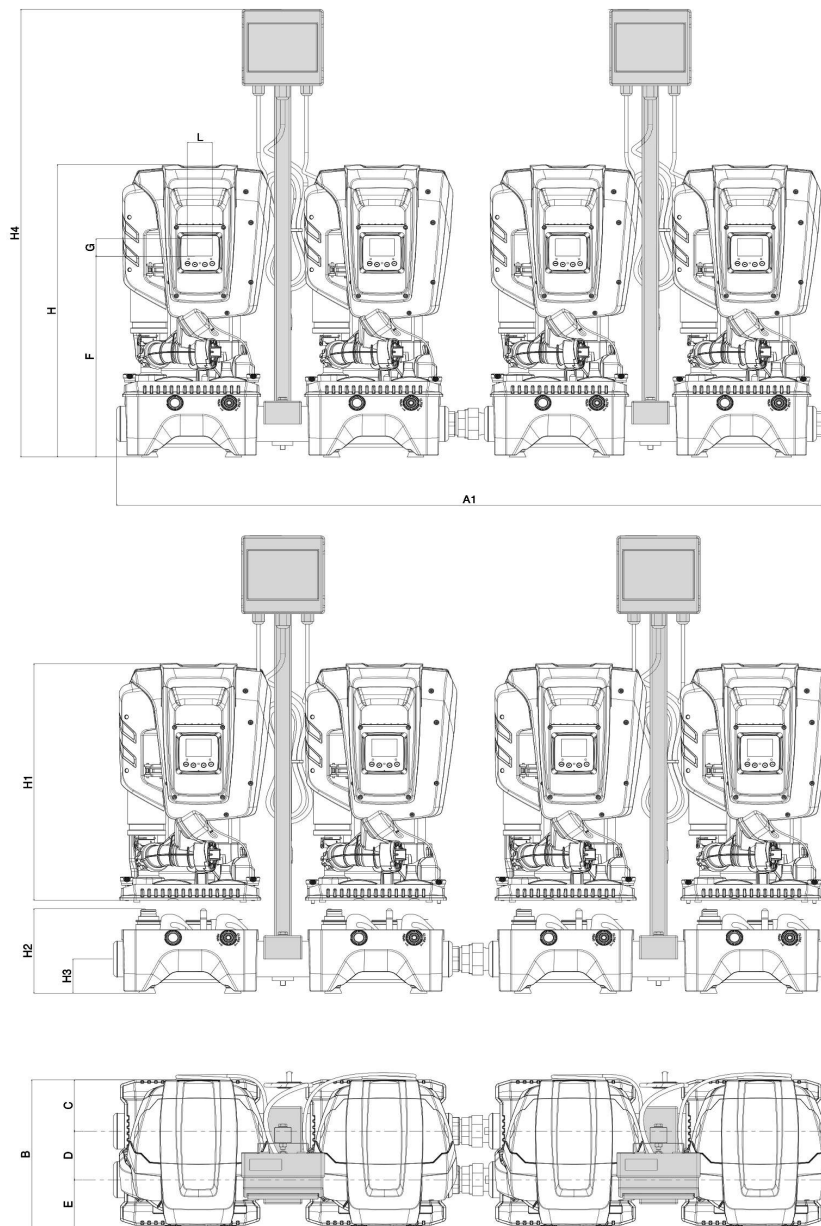
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Dimensions in mm

Pump connection

1	A1	1.692	H2	228							
2	B	384	H3	87							
3	C	131,8	H4	1.172							
4	D	124,5	L	59,5							
5	DNA	2"									
6	DNM	2"									
7	E	127,7									
8	F	526									
9	G	45									
10	H	766									
11	H1	613									

Suction
2" G
12 bar (1200 KPa)

Discharge
2" G
12 bar (1200 KPa)

MAIN_PROJECT_TITLE

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