

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° :

Customer pos. no.:

Model :

2 ESY BOX MAX 45/120 T

Esybox Max with Esydock

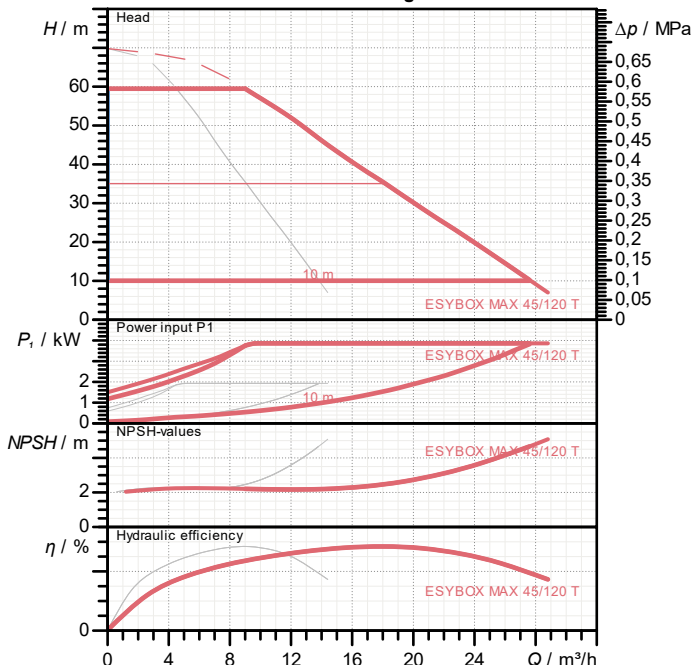
Pump data

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

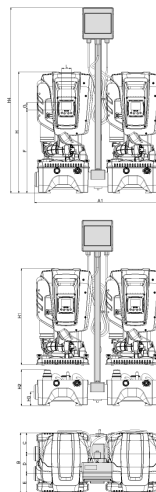


Materials

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 :



*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 : 76 kg

Pump connection

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

Motor data

Max. Power input P1 : 2 x 1,93 kW
Maximum speed : 5.240 1/min
Rated voltage : 3~ 380-480 V 50 Hz
Nominal current : 2 x 3,4 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"



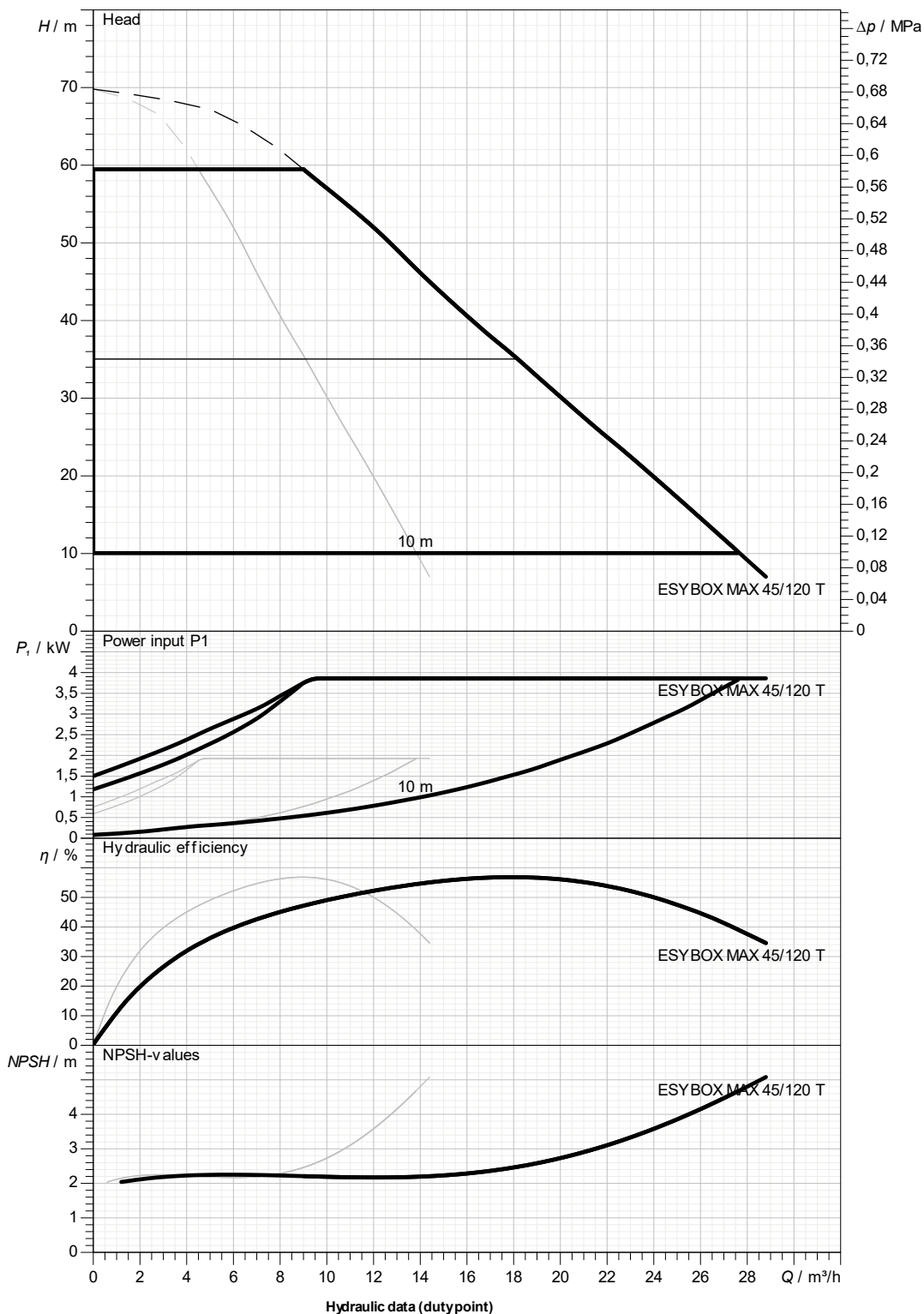
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Curve tolerance according to ISO 9906



Suction side :
2" G
1,2 MPa

Discharge side :
2" G
1,2 MPa

Flow :

Head :

Rated speed :
5.240 1/min

Project

Project ID

Created by

Created on

2024-11-05



DIMENSIONAL DRAWING

2024-11-05

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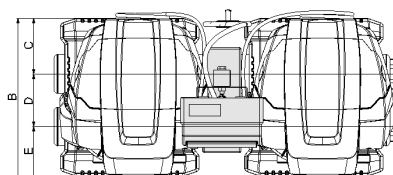
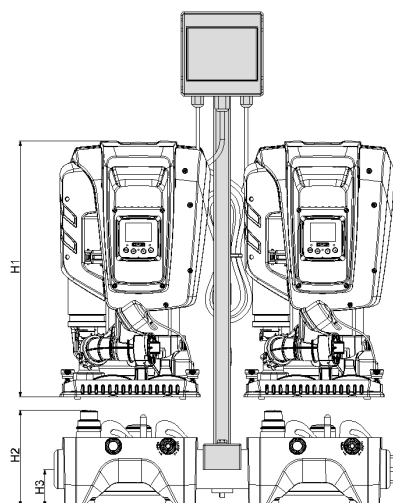
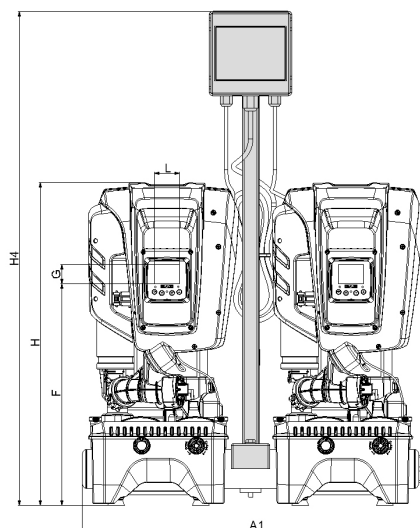
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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

Dimensions in mm						Pump connection
1	A1	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				
MAIN_PROJECT_TITLE			BUSINESS_PROCESS_ID		OWNER_	ISSUE_DATE 2024-11-05