DATA SHEET

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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

Receiver

Company
Reference
Address
Phone
Fax
E-mail

Item n° : 60217358

Customer pos. no.:

Model :
Esy Box Max 45/120 Pump 1x208-240 50/60 No Plug

Esybox Max with Esydock

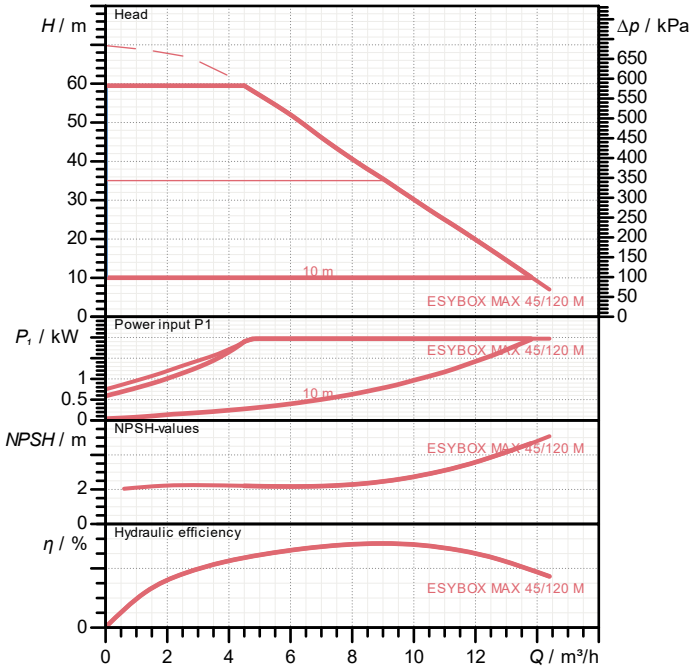
Pump data

Pressure rating :	1200 kPa
Constant pressure range :	100 - 1200 kPa (300 kPa 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

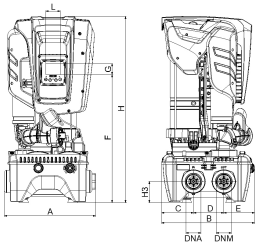


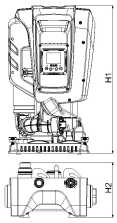
Materials

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
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 :





Dimensions in 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		

Weight : 38 kg

Motor data

Max. Power input P1 :	1 x 1.97 kW	
Maximum speed :	5240 1/min	
Rated voltage :	1~ 208-240 V	50 Hz
Nominal current :	1 x 9.4 A	
Degree of protection :	IP X5	

Pump connection

Suction side :	1"1/4 - 2" G	/ 1200 kPa
Discharge side :	1"1/4 - 2" G	/ 1200 kPa

DAB PUMPS reserves the right to make modifications without notice

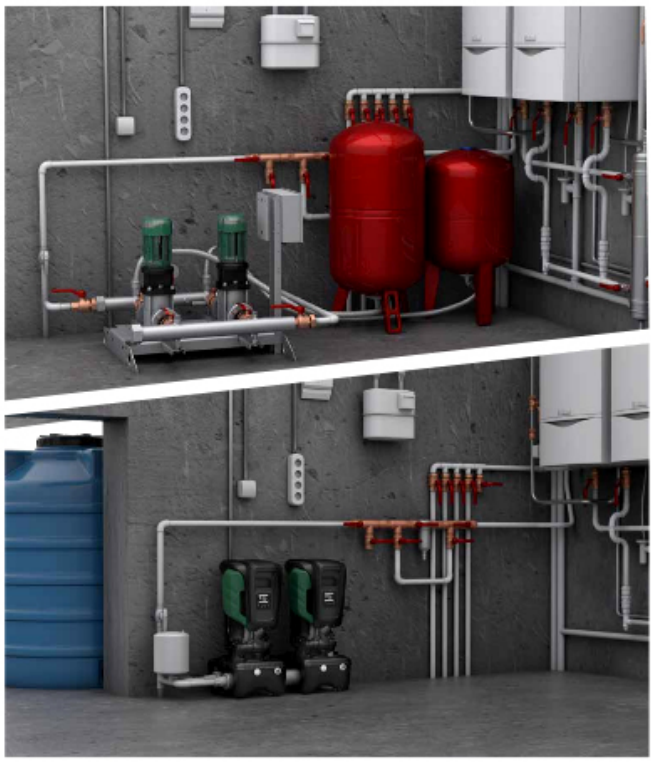
ENERGY SAVING

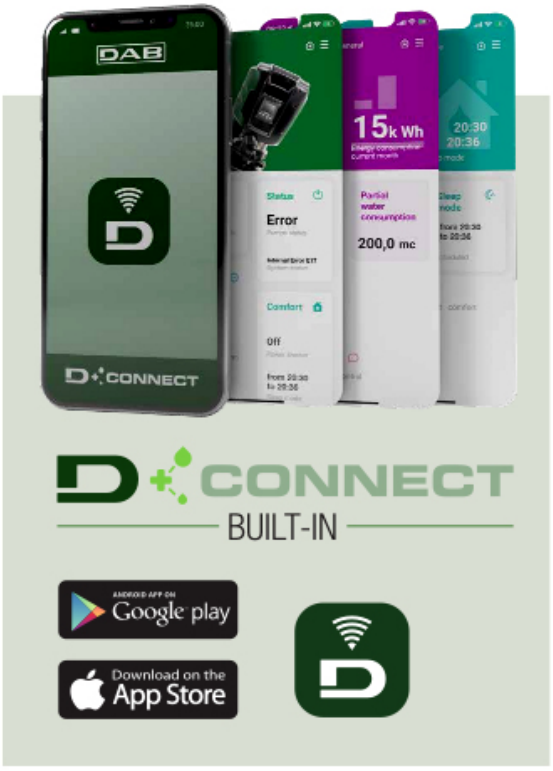
BEFORE

AFTER

- 20%

Compared with traditional inverter pump





D+ CONNECT

BUILT-IN

Google play

Download on the App Store



As quick as a “click”

OSA

ON SITE ASSEMBLY



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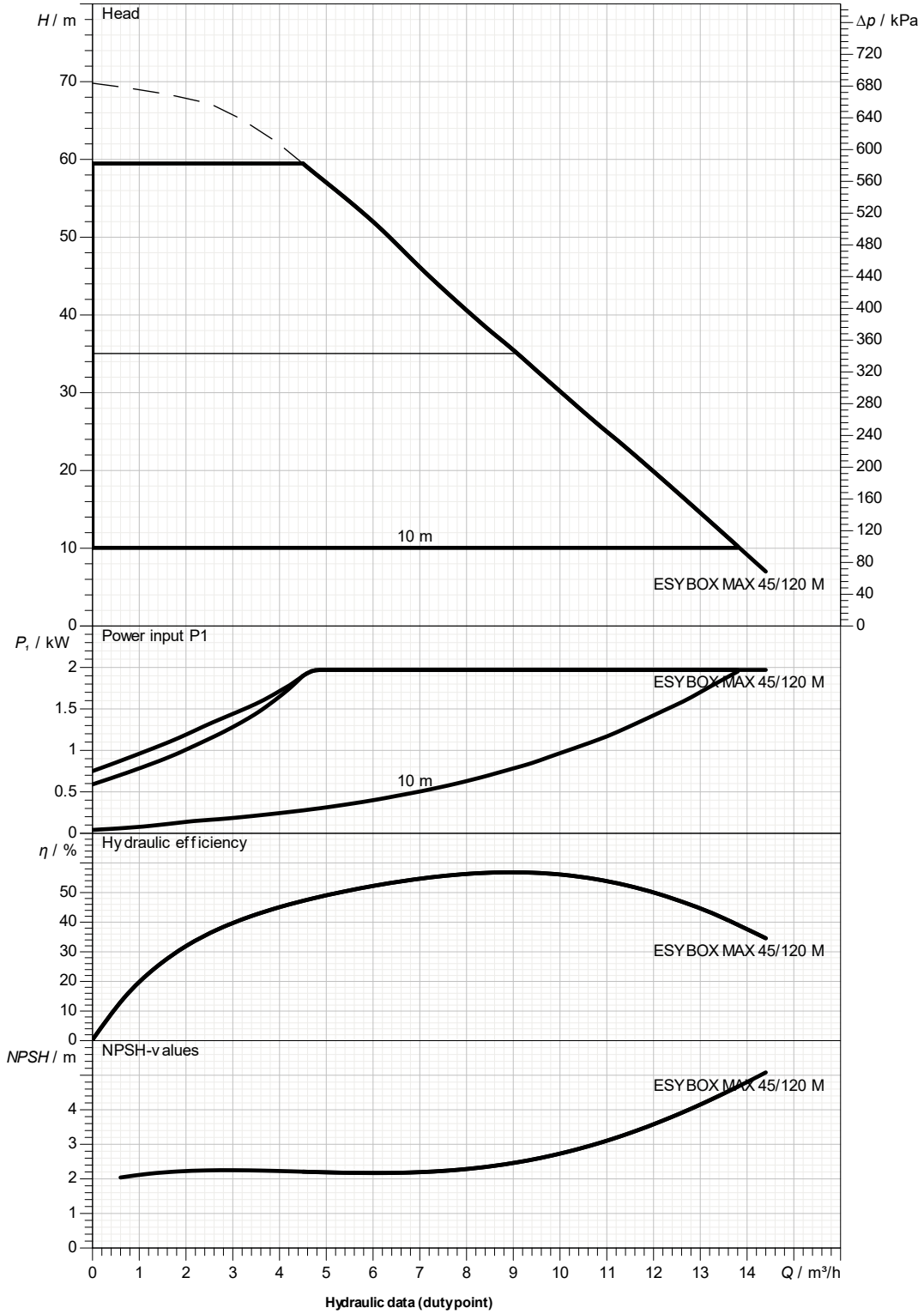
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Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
1"1/4 - 2" G 1200 kPa	1"1/4 - 2" G 1200 kPa			5240 1/min

Project	Project ID	Created by	Created on
			2026-06-23

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DIMENSIONAL DRAWING

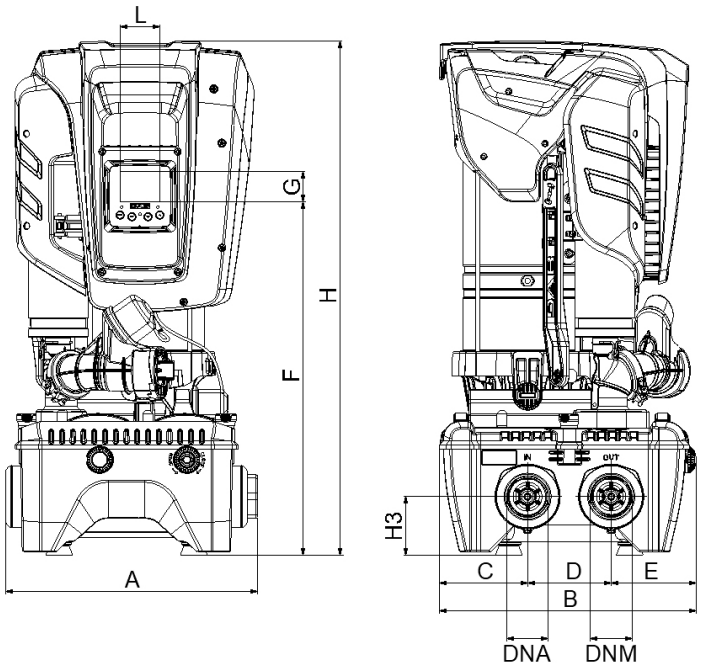
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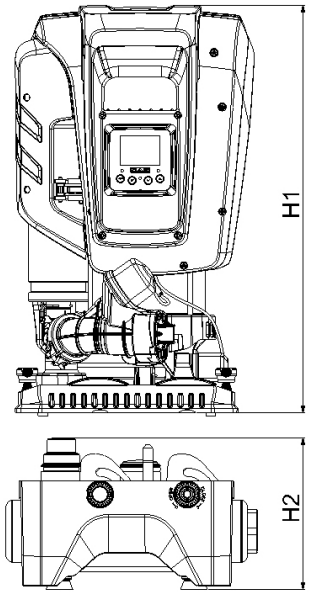
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	Dimensions in mm						Pump connection
1	A	375	H2	228			
2	B	384	H3	87			Suction
3	C	131.8	L	59.5			1"1/4 - 2" G
4	D	124.5					1200 kPa
5	DNA	1"1/4 - 2"					
6	DNM	1"1/4 - 2"					
7	E	127.7					Discharge
8	F	526					1"1/4 - 2" G
9	G	45					1200 kPa
10	H	766					
11	H1	613					

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