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

Society
Reference
Address
Phone
Fax
E-mail

From

Item n° :

Model :

2 ESYBOX MAX 60/120 M

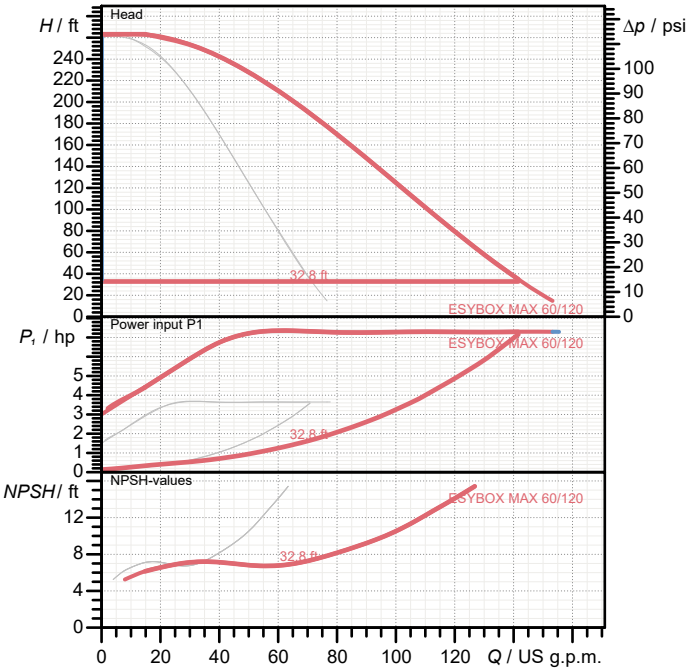
Pump data

Pressure rating :	12 bar (1200 KPa)
Constant pressure range: 1-12 bar (3 bar by default)	
Min. fluid temperature :	32 °F
Max. fluid temperature :	122 °F
Max. Ambient temperature :	131 °F

Requested data

Flow :	
Head :	
Fluid :	Water
Fluid Temperature :	68 °F
Density :	62,322 lb/ft³
Kinematic viscosity :	1,0818E-5 ft²/s
Vapor pressure :	2,34 kPa

Curve tolerance according to ISO 9906



Materials

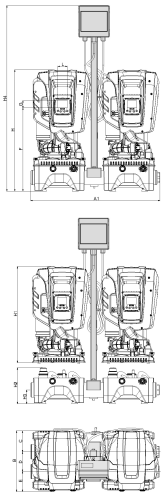
Fitting	Technopolymer PA66 30%GF
Manifold	Stainless Steel AISI 304
Flange	Technopolymer PA66 30%GF
Pump body	Technopolymer PA66 30%GF
Pump body ring	Technopolymer PP 30%GF
Impeller	Technopolymer PP 30%GF/AISI 304
Diffuser	Technopolymer PP 30%GF/AISI 304
Motor axis	Stainless Steel AISI 303
OR ring	EPDM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

Motor data

Power input P1 :	2 x 3,62 hp	
Rated speed :	5.240 rpm	
Rated voltage :	1~ 208-240 V	60 Hz
Nominal current :	2 x 12 A	
Degree of protection :	IP X5	

Hydraulic data (duty point)

Flow :
Head :



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

Dimensions in inch

A1	31 15/1	E	5	H3	3 7/16		
B	15 1/8	F	20 11/1	H4	46 1/8		
C	5 3/16	G	1 3/4	L	2 5/16		
D	4 7/8	H	30 3/16				
DNA	2"	H1	24 1/8				
DNM	2"	H2	9				

Weight : 167,55 lb

Pump connection

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

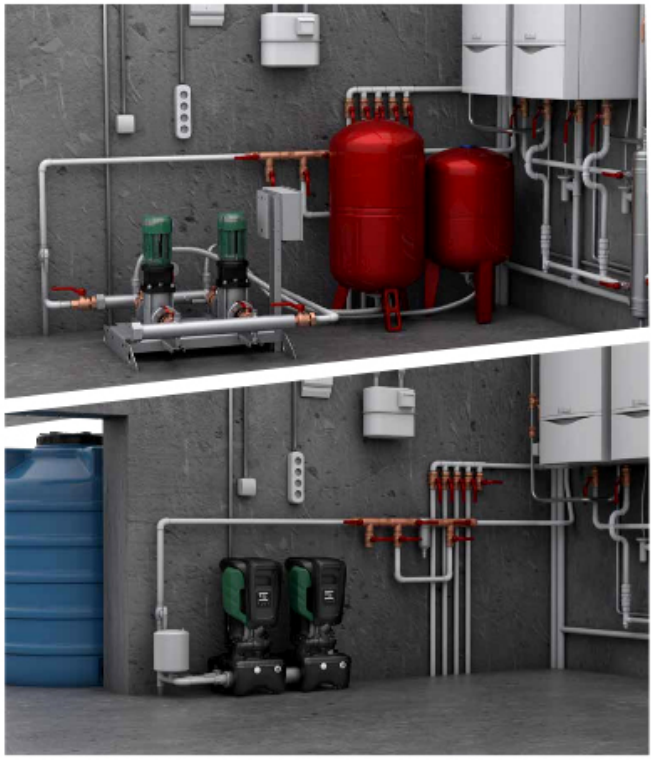
DAB PUMPS reserves the right to make modifications without notice

ENERGY SAVING

BEFORE

AFTER

- 20%
Compared with
traditional inverter pump



D+ CONNECT
BUILT-IN

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OSA
ON SITE ASSEMBLY

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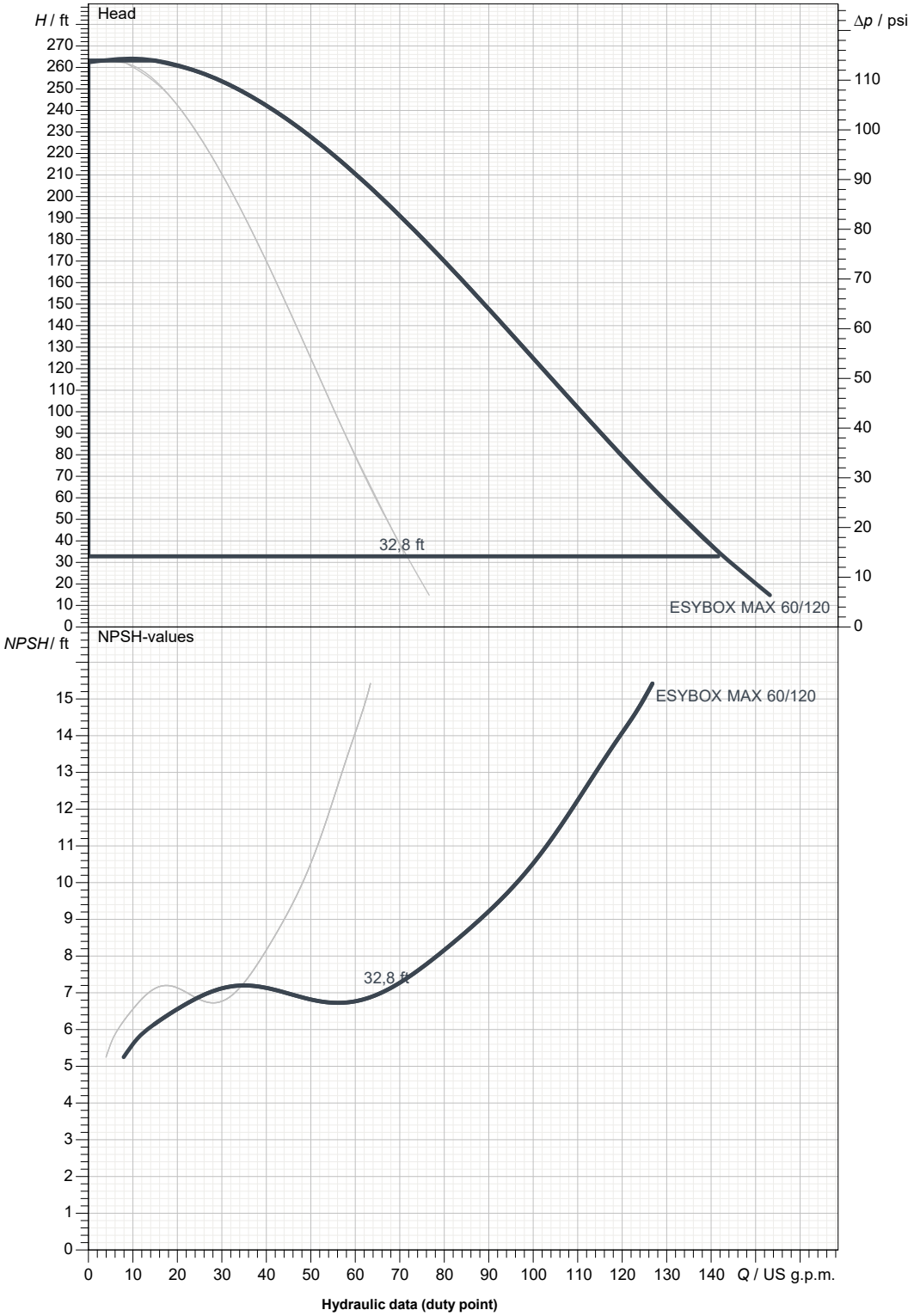
2 ESYBOX MAX 60/120 M

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
2 " 12 bar (1200 KPa)	2 " 12 bar (1200 KPa)			5.240 rpm

MAIN_PROJECT_TITLE	BUSINESS_PROCESS_IE	OWNER_	ISSUE_DATE

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DIMENSIONAL DRAWING

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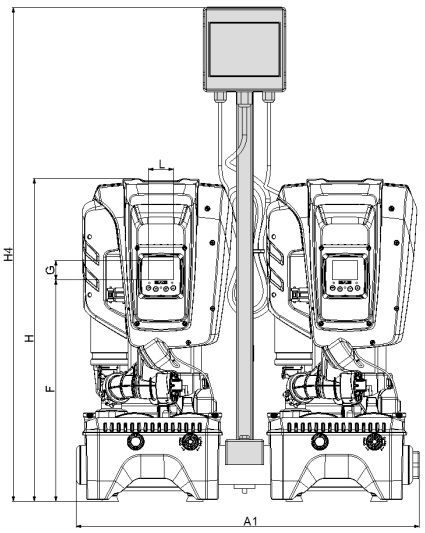

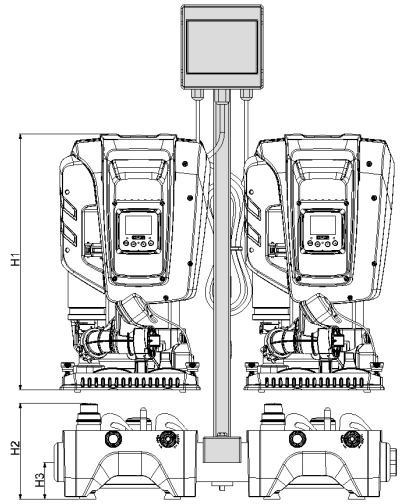

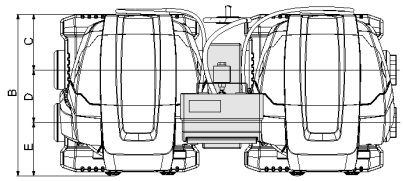

*Without the pillar kit and panel, not consider the H4

	Dimensions in inch						Pump connection
1	A1	31 15/16	H3	3 7/16			
2	B	15 1/8	H4	46 1/8			Suction
3	C	5 3/16	L	2 5/16			2 "
4	D	4 7/8					12 bar (1200 KPa)
5	DNA	2"					
6	DNM	2"					
7	E	5					Discharge
8	F	20 11/16					2 "
9	G	1 3/4					12 bar (1200 KPa)
10	H	30 3/16					
11	H1	24 1/8					
12	H2	9					

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