

Receiver

From

Society
Reference
Address
Phone
Fax
E-mail

Item n° :

Model :

1 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 : 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

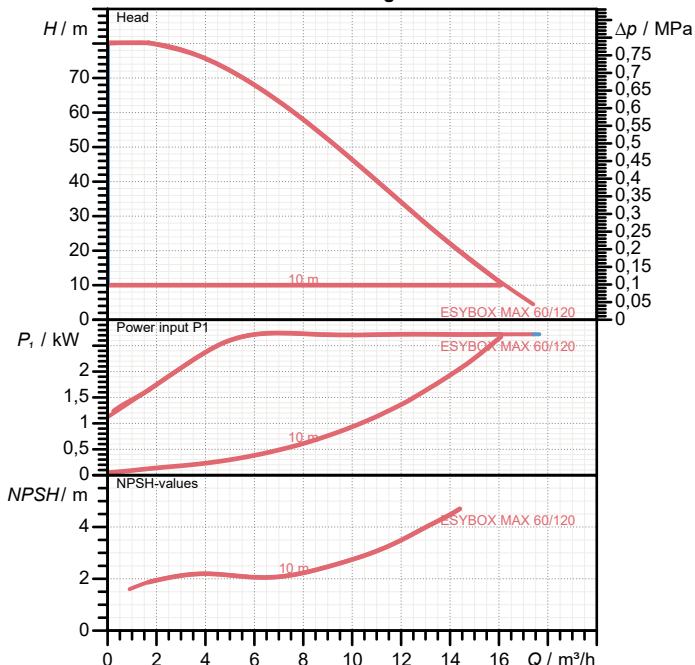
Materials

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

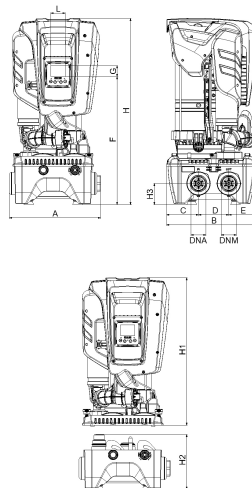
Power input P1 : 1 x 2,7 kW
Rated speed : 5.240 1/min
Rated voltage : 1~ 208-240 V 50 Hz
Nominal current : 1 x 12 A
Degree of protection : IP X5

Curve tolerance according to ISO 9906



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 -	H1	613				
DNM	1"1/4 -	H2	228				

Weight : 38 kg

Pump connection

Suction side : 1"1/4 - 2" / 12 bar (1200 KPa)
Discharge side : 1"1/4 - 2" / 12 bar (1200 KPa)

ENERGY SAVING

BEFORE

AFTER

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



D+CONNECT
BUILT-IN



As quick as a "click"



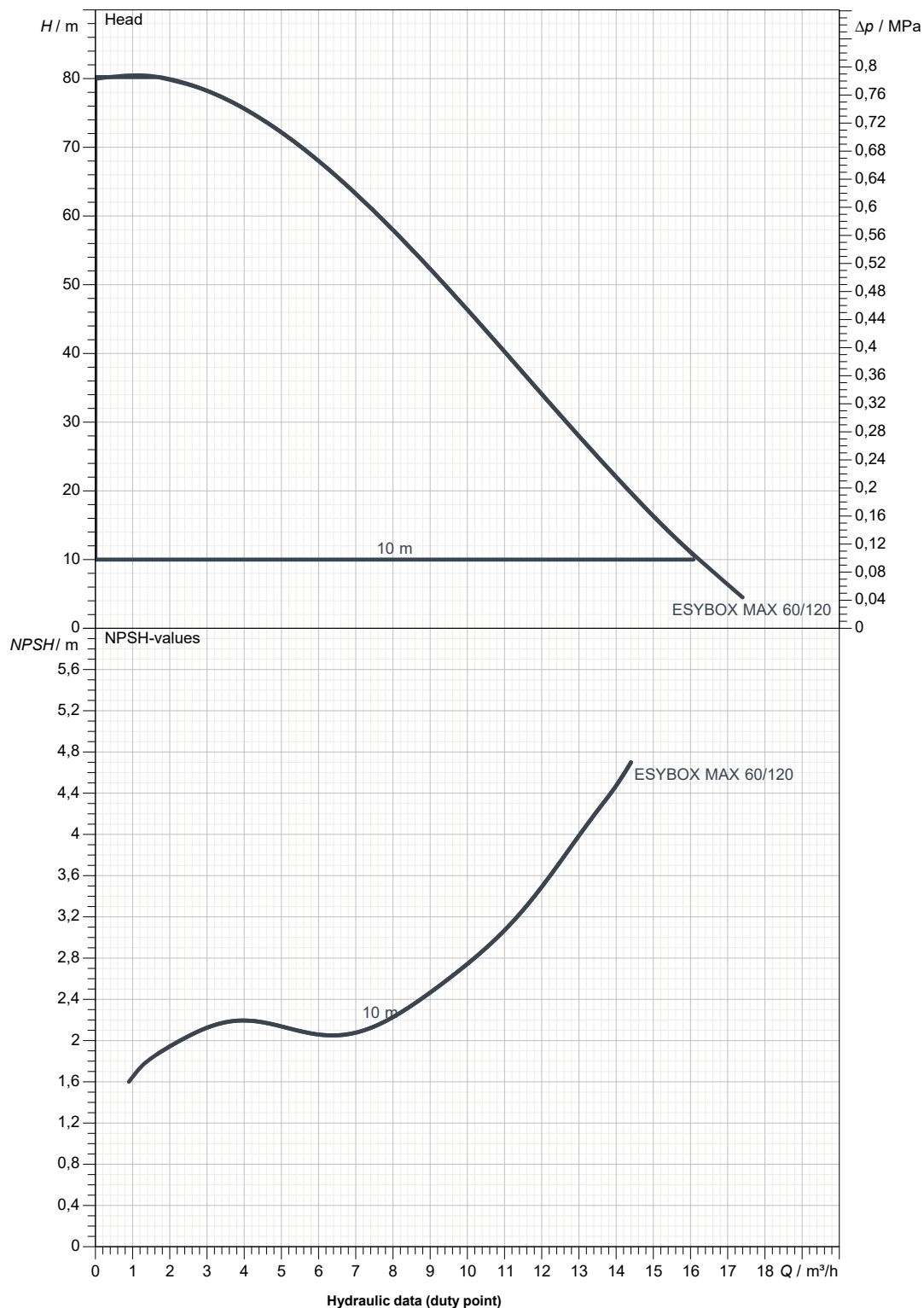
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1 ESYBOX MAX 60/120 M

Curve tolerance according to ISO 9906



Suction side :

1"1/4 - 2"

12 bar (1200 KPa)

Discharge side :

1"1/4 - 2"

12 bar (1200 KPa)

Flow :

Head :

Rated speed :

5.240 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_IT

OWNER_

ISSUE_DATE



DIMENSIONAL DRAWING

2021-02-2€

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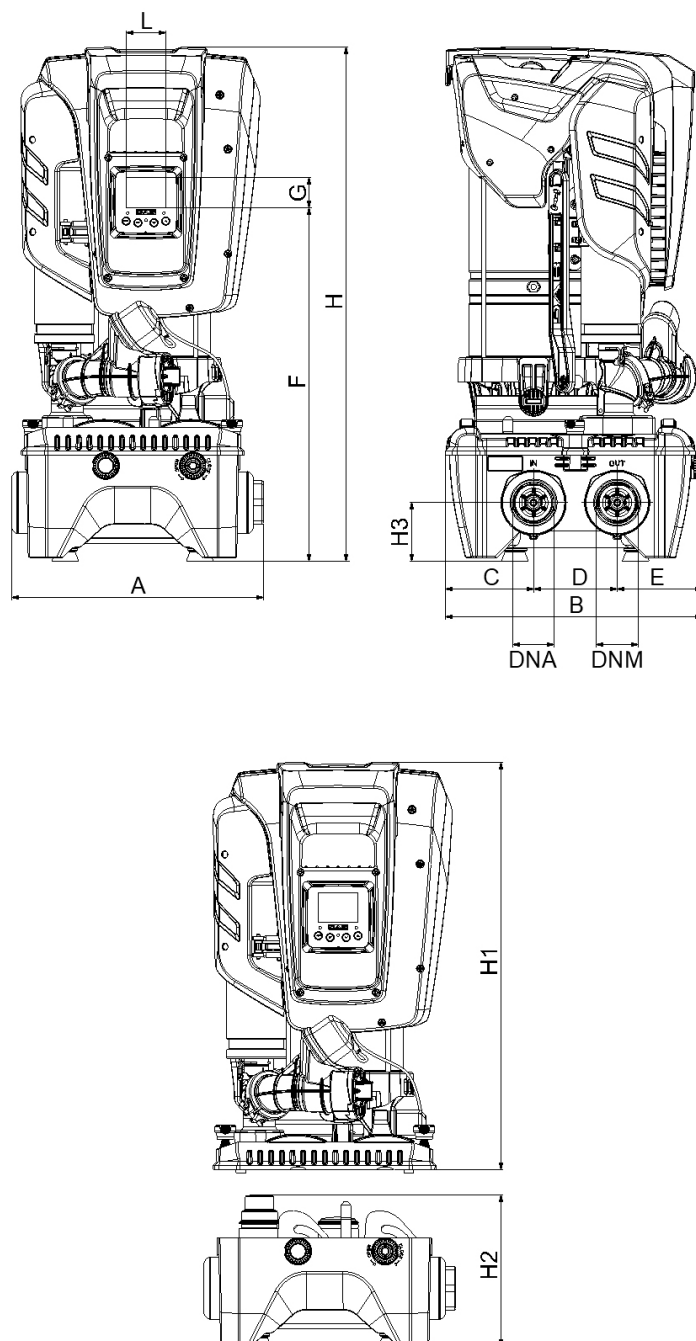
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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1 ESYBOX MAX 60/120 M



Dimensions in mm							Pump connection
1	A	375	H3	87			Suction 1"1/4 - 2" 12 bar (1200 KPa) Discharge 1"1/4 - 2" 12 bar (1200 KPa)
2	B	384	L	59,5			
3	C	131,8					
4	D	124,5					
5	DNA	1"1/4 - 2"					
6	DNM	1"1/4 - 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