

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 : 174 psi
Constant pressure range : 14,5 - 174 psi (43,51 psi 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 : 0,34 psi

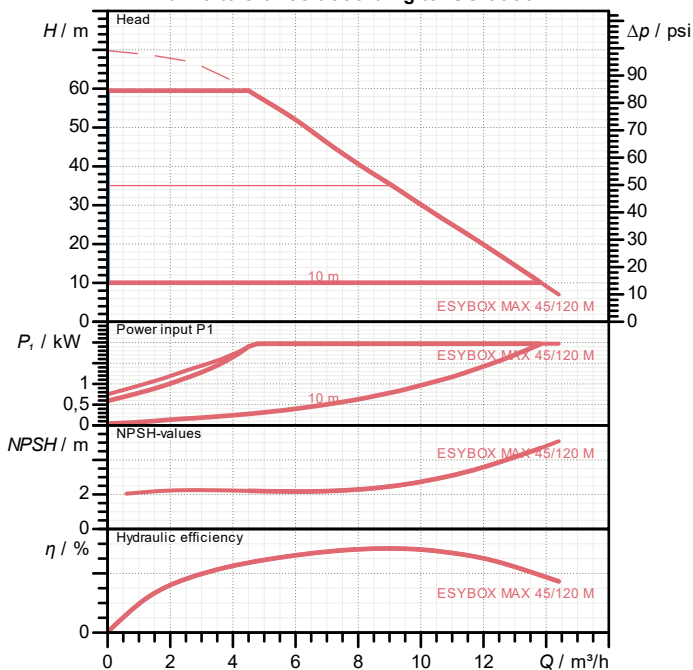
Materials

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

Motor data

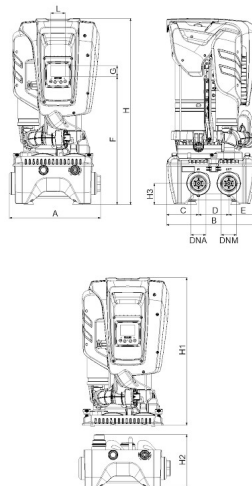
Max. Power input P1 : 1 x 1,97 kW
Maximum speed : 5.240 1/min
Rated voltage : 1~ 208-240 V 50 Hz
Nominal current : 1 x 9,4 A
Degree of protection : IP X5

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 - 2"	H1	613		
DNM	1"1/4 - 2"	H2	228		

Weight : 38 kg

Pump connection

Suction side : 1"1/4 - 2" G / 174 psi
Discharge side : 1"1/4 - 2" G / 174 psi

ENERGY SAVING

BEFORE

AFTER

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



D+CONNECT
BUILT-IN



As quick as a "click"

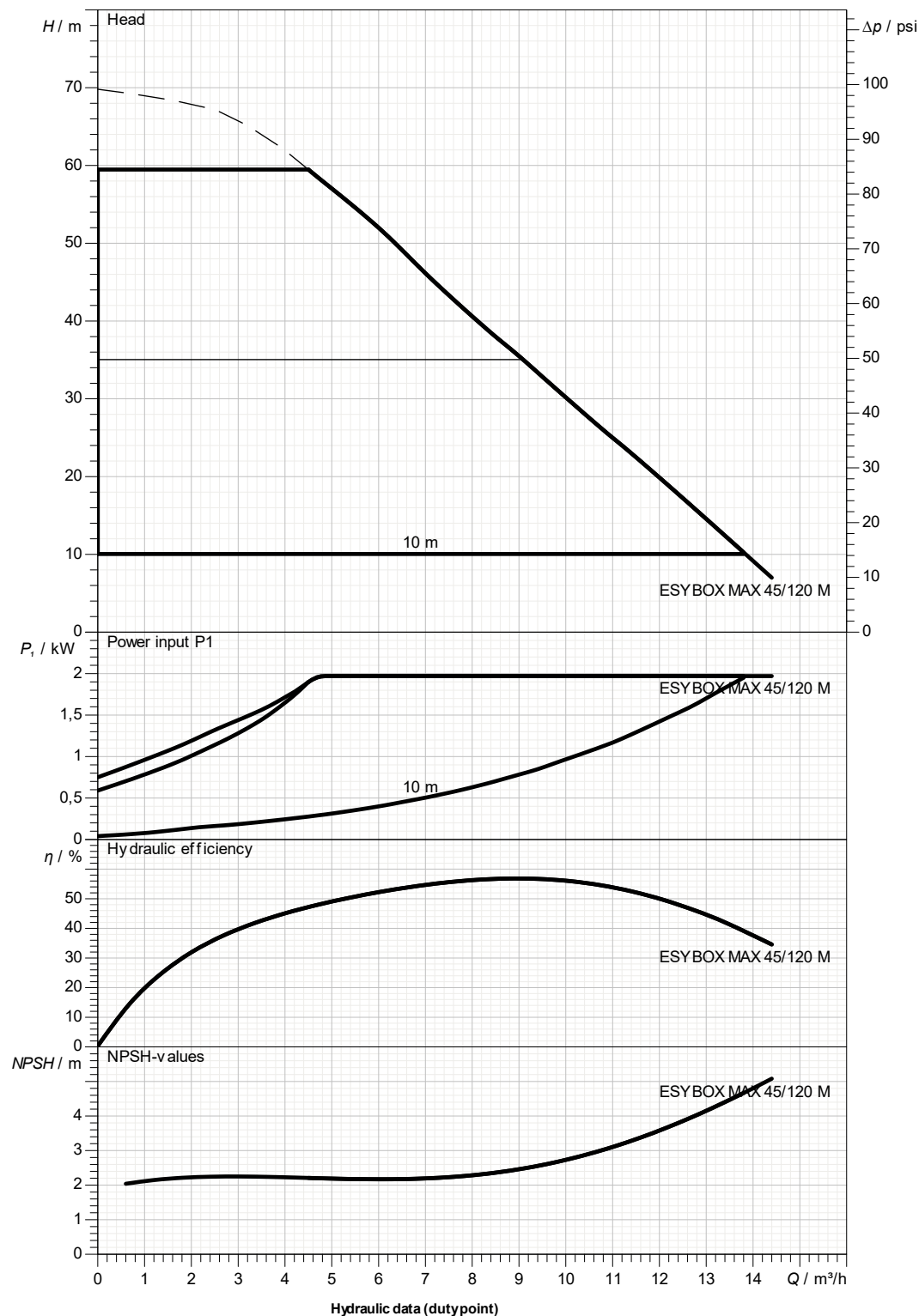


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Curve tolerance according to ISO 9906



Suction side :
1"1/4 - 2" G
174 psi

Discharge side :
1"1/4 - 2" G
174 psi

Flow :

Head :

Rated speed :
5.240 1/min

Project

Project ID

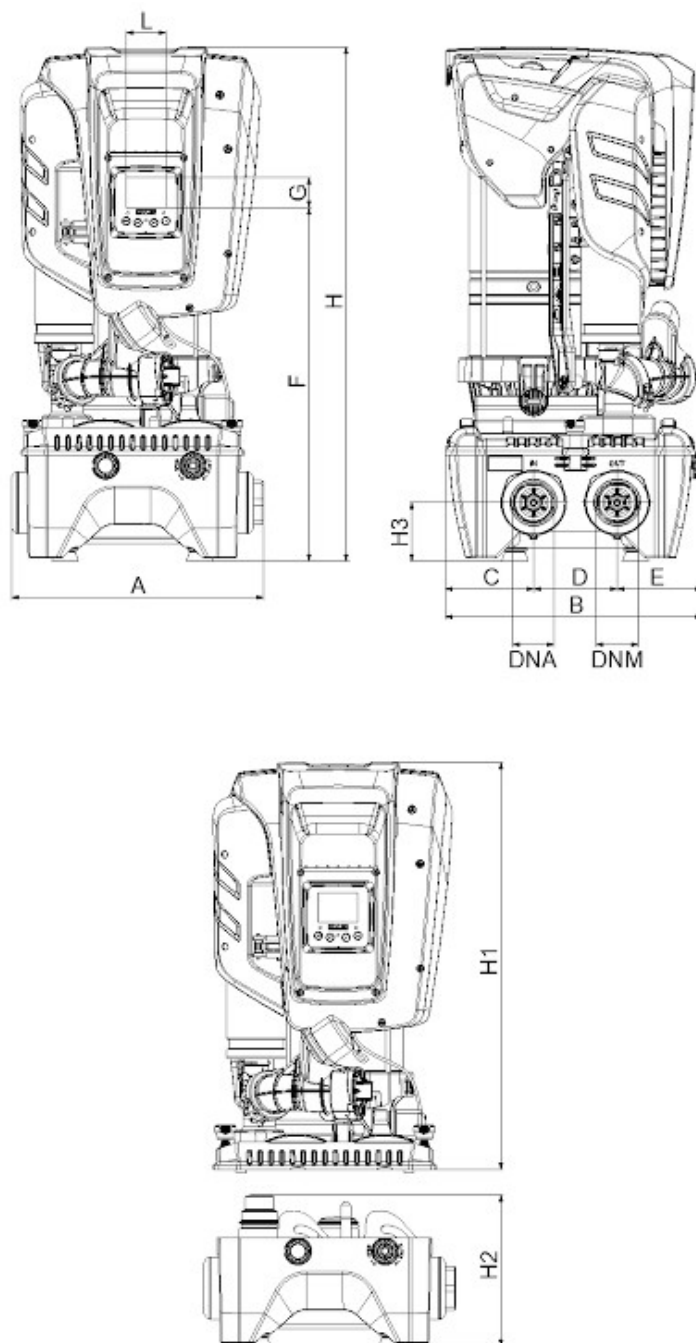
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Dimensions in mm

Pump connection

1	A	375	H2	228				
2	B	384	H3	87				
3	C	131,8	L	59,5				Suction
4	D	124,5						1"1/4 - 2" G
5	DNA	1"1/4 - 2"						174 psi
6	DNM	1"1/4 - 2"						
7	E	127,7						Discharge
8	F	526						1"1/4 - 2" G
9	G	45						174 psi
10	H	766						
11	H1	613						

Project

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