

Receiver	From																																																
Society Reference Address Phone Fax E-mail																																																	
Item n° :																																																	
Model : 3 ESYBOX MAX 60/120 T																																																	
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	<p>Curve tolerance according to ISO 9906</p> <p>The graph displays three performance curves for the ESYBOX MAX 60/120 pump. The top curve shows Head (H) in m on the y-axis (0 to 70) against Flow (Q) in m³/h on the x-axis (0 to 45). The middle curve shows Power input (P1) in kW on the y-axis (0 to 8) against Flow (Q) in m³/h on the x-axis (0 to 45). The bottom curve shows NPSH values in m on the y-axis (0 to 4) against Flow (Q) in m³/h on the x-axis (0 to 45). All curves include a red line for the main performance and a grey line for the tolerance band. The pump is labeled "ESYBOX MAX 60/120" on each curve.</p>																																																
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	Hydraulic data (duty point) Flow : Head :																																																
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	<p>Technical drawings showing the internal components and assembly of the ESYBOX MAX 60/120 pump. The top drawing is a front view, the middle is a side view, and the bottom is a top-down view.</p>																																																
	*Without the pillar kit and panel, do not consider the H4																																																
Motor data																																																	
Power input P1 : 3 x 2,6 kW Rated speed : 5.240 1/min Rated voltage : 3~ 380-460 V 50 Hz Nominal current : 3 x 4,2 A Degree of protection : IP X5	Dimensions in mm <table border="1"> <tr> <td>A2</td><td>1.250</td> <td>E</td><td>127,7</td> <td>H3</td><td>87</td> <td></td> <td></td> </tr> <tr> <td>B</td><td>384</td> <td>F</td><td>526</td> <td>H4</td><td>1.158</td> <td></td> <td></td> </tr> <tr> <td>C</td><td>131,8</td> <td>G</td><td>45</td> <td>L</td><td>59,5</td> <td></td> <td></td> </tr> <tr> <td>D</td><td>124,5</td> <td>H</td><td>766</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DNA</td><td>2"</td> <td>H1</td><td>613</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DNM</td><td>2"</td> <td>H2</td><td>228</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> Weight : 114 kg Pump connection Suction side : 2" G / 12 bar (1200 KPa) Discharge side : 2" G / 12 bar (1200 KPa)	A2	1.250	E	127,7	H3	87			B	384	F	526	H4	1.158			C	131,8	G	45	L	59,5			D	124,5	H	766					DNA	2"	H1	613					DNM	2"	H2	228				
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DNM	2"	H2	228																																														

ENERGY SAVING

BEFORE

AFTER

- 20%

Compared with
traditional inverter pump



D+CONNECT
BUILT-IN

ANDROID APP ON
Google play

Download on the
App Store



As quick as a “click”

OSA
ON SITE ASSEMBLY



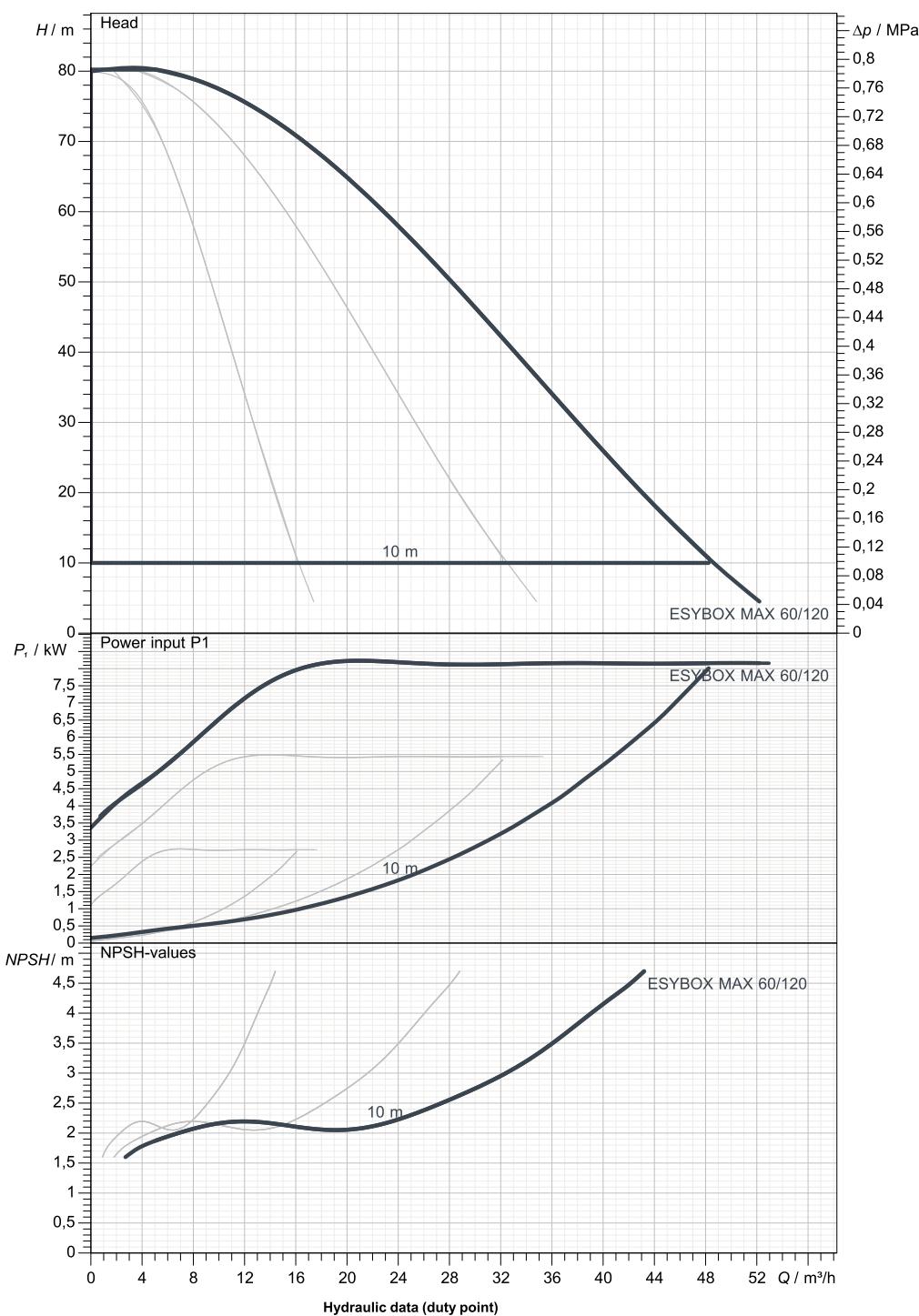
Receiver

From

 Society
 Reference
 Address
 Phone
 Fax
 E-mail

3 ESYBOX MAX 60/120 T

Curve tolerance according to ISO 9906

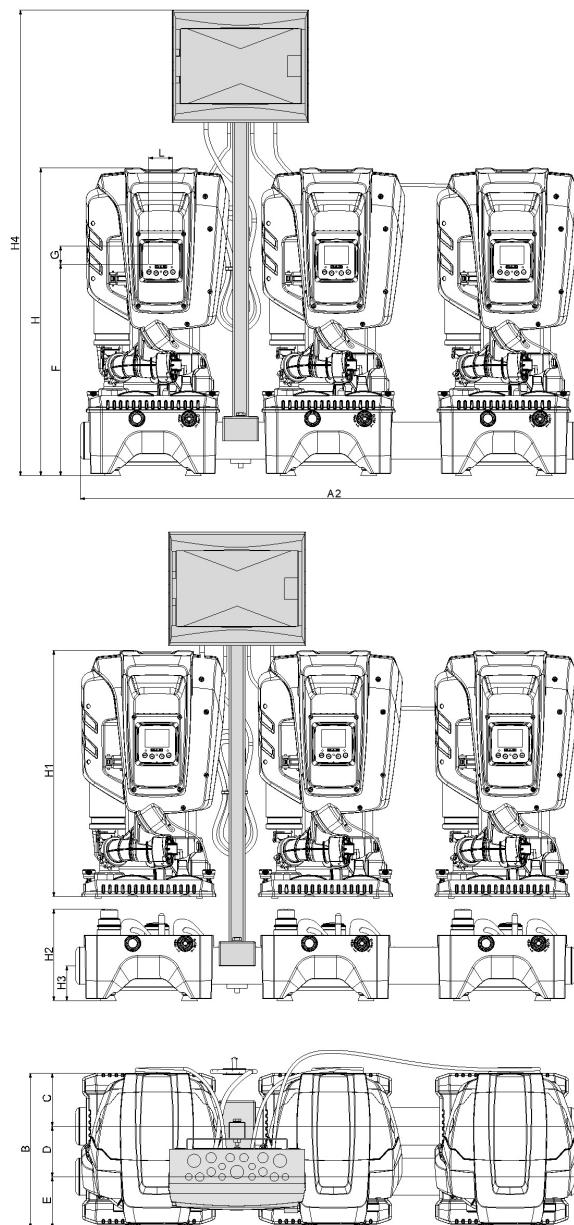


Suction side : 2" G 12 bar (1200 KPa)	Discharge side : 2" G 12 bar (1200 KPa)	Flow :	Head :	Rated speed : 5.240 1/min
MAIN_PROJECT_TITLE	BUSINESS_PROCESS_ID		OWNER_	ISSUE_DATE 2021-06-10

Receiver

From

 Society
 Reference
 Address
 Phone
 Fax
 E-mail

3 ESYBOX MAX 60/120 T


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

Dimensions in mm					Pump connection	
1	A2	1.250	H3	87		
2	B	384	H4	1.158		
3	C	131,8	L	59,5		
4	D	124,5			Suction	
5	DNA	2"			2" G	
6	DNM	2"			12 bar (1200 KPa)	
7	E	127,7			Discharge	
8	F	526			2" G	
9	G	45			12 bar (1200 KPa)	
10	H	766				
11	H1	613				
12	H2	228				
MAIN_PROJECT_TITLE			BUSINESS_PROCESS_ID		OWNER_	
					ISSUE_DATE	
					2021-06-10	