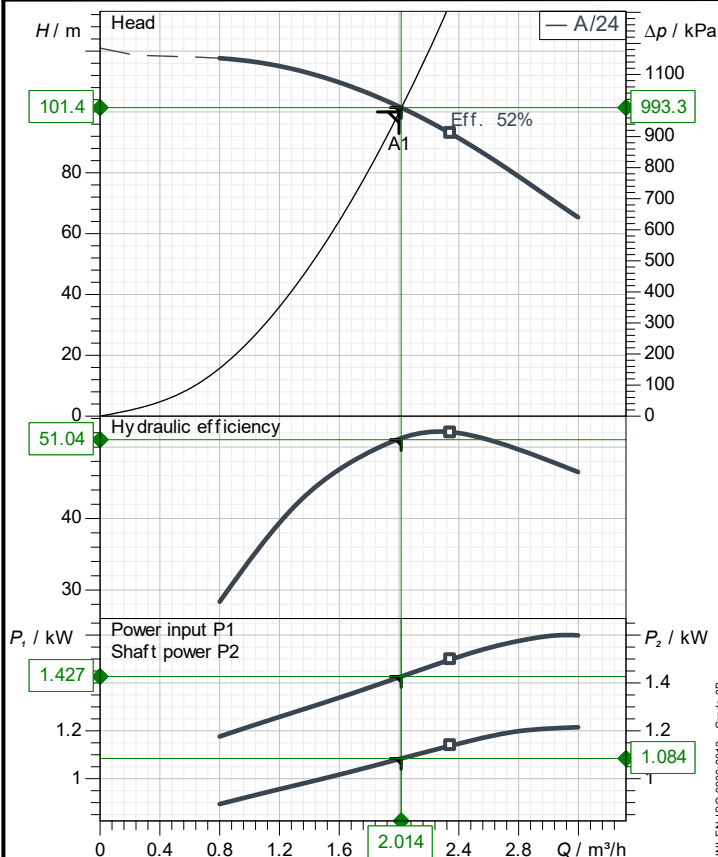


Receiver

From

Company name
Respons. Department
Person in charge
Phone number
Fax no
E-mail address



Operating data specification

Nominal flow	m ³ /h	2
Nominal head	m	100
Static head	m	0
NPSH - value of plant	m	
Inlet pressure	kPa	0
Fluid	Water	
Operating temperature t A	°C	20
Density at t A	kg/m ³	998.3
Kin. viscosity at t A	mm ² /s	1.005

Pump

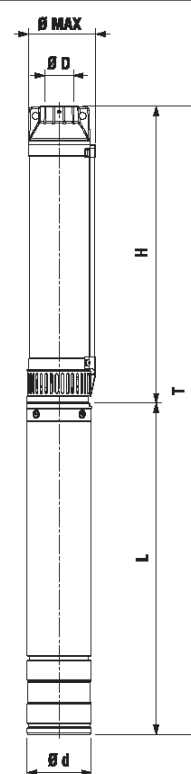
Pump name		NS-95A /24	
Size			
Design			
Speed	1/min	2900	No of stages 24
Impeller type	Radial impeller		
Flow	Nominal	m³/h	2.01
	Max-	m³/h	3.2
	Min-	m³/h	0.8
Head	Nominal	m	101
	Max-	m	118
	Min-	m	65.4
Head H(Q=0)		m	121
NPSH 3%		m	
Max working pressure		kPa	1180
Shaft power		kW	1.08
Efficiency		%	51
Max absorbed power		kW	1.2158

Materials Pump

Shaft		Acciaio inossidabile AISI 420 (1.4028)			
Impeller		Polycarbonates			
Diffuser		Policarbonato			
Suction support		Brass			
Outlet		Brass			
Tubo		Stainless steel AISI 304 (1.4301)			
Cable cover		Stainless steel AISI 304 (1.4301)			
Valve		Stainless steel AISI 304 (1.4301) + Thermoplastic resin			

Dimensions in mm

H	711
L	428
ød	95
øD	G 1 1/4
øMax	100
T	1139



Remarks:

MAIN PROJECT TITLE

BUSINESS PROCESS ID

OWNER

ISSUE_DATE
2024-11-25

LAST_MODI_DATE	2024-11-25
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Receiver

From

Company name

Respons. Department

Person in charge

Phone number

Fax no

E-mail address

Operating area

Flow

Head

Impeller type

Radial impeller

Operating data specification

2

m³/h

100

m

Impeller construction

Closed

Sense of rotation

Counter clockwise

Pump data

2.01

m³/h

101

m

Outlet width

1 1/4"

Speed

1/min

2900

Frequency

Hz

50 Hz

Min.

Max

 η

Max

H(Q=0)

 η

Max

P2(Q=0)

Max

 η

Max

m³/h

m³/h

m³/h

m

m

kW

kW

kW

0.8

3.2

2.34

121

92.9

0.894

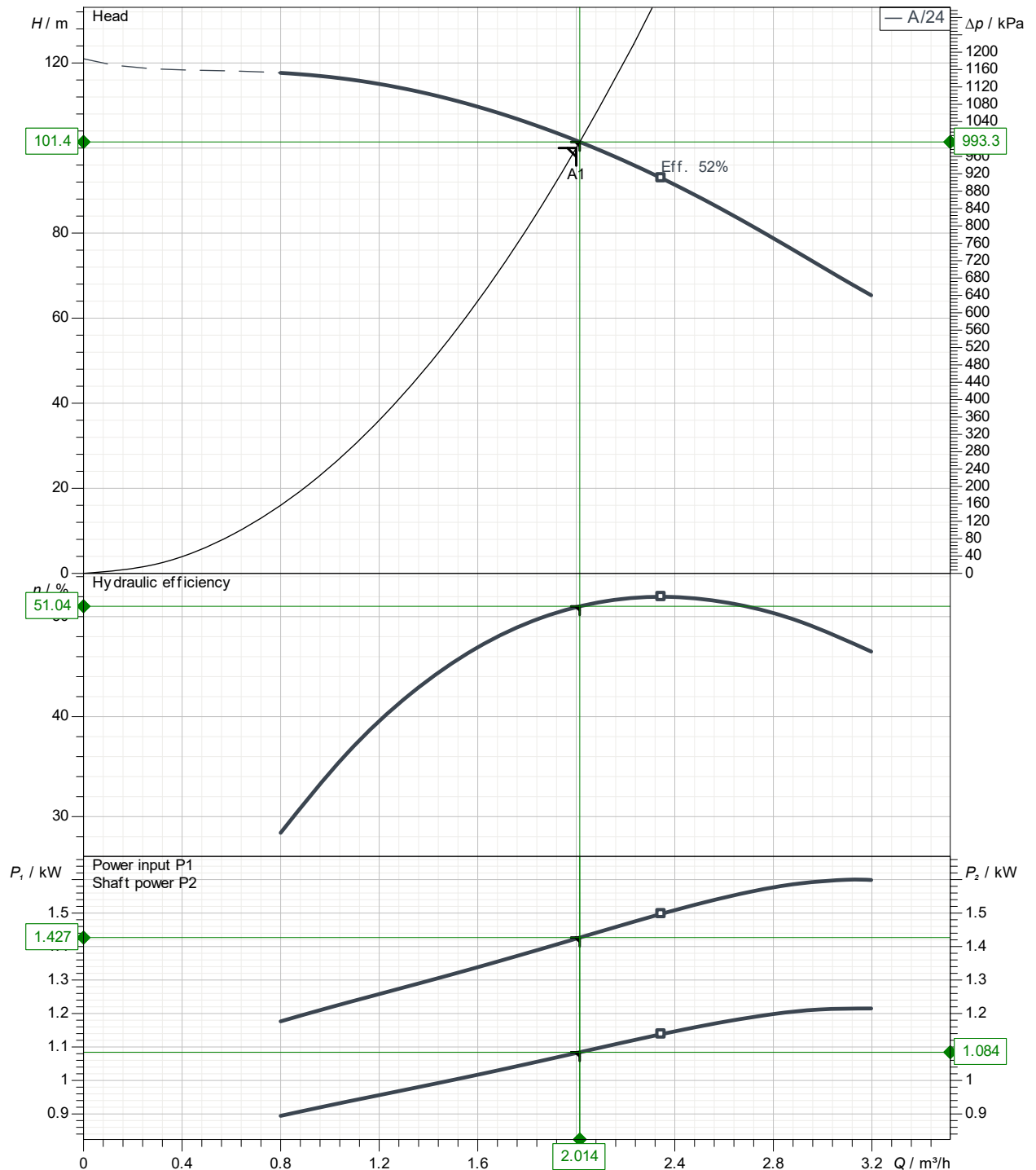
1.22

1.14

Performance data based to:

Water; 20°C; 998.3kg/m³; 1.005mm²/s

UNI EN ISO 9906:2012 - Grade 3B



MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

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2024-11-25

LAST_MODI_DATE

2024-11-25



Type of installation
NS-95A /24

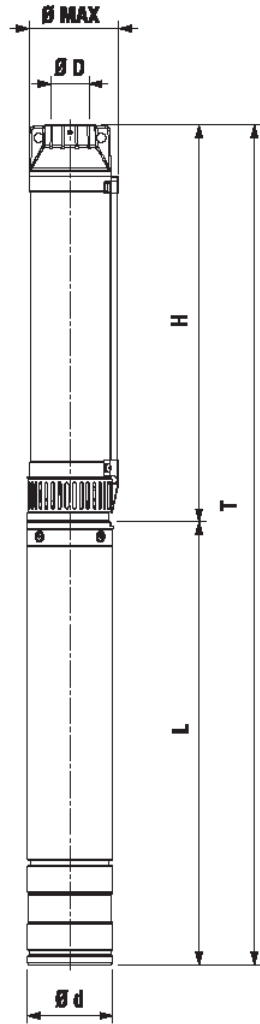
Receiver

From

Page:
3

Revision no

Dimensions



Disegni dimensionali e immagini non vincolanti Saer si riserva il diritto di effettuare cambiamenti senza alcun preavviso.
Dimensional drawing and picture are not binding. Saer reserves the right to make changes without prior notice.

Connections

Suction side

Discharge port
1 1/4"

Dimensions in mm

H	711
L	428
ød	95
øD	G 1 1/4"
øMax	100
T	1139

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

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