

SAER® ELETTROPOMPE	Technical data		Revision no		Page:	
	NR-201C/3A				1	
Receiver			From			
Company name						
Respons. Department						
Person in charge						
Phone number						
Fax no						
E-mail address						
H / m Head 80 75 70 60 55 50 45 40 35 30 25 20 64.46 Δp / bar 8 7.6 7.2 6.8 5.6 5.2 4.8 4.4 4 3.6 3.2 2.8 2.4 2 1.6 6.312 — C/3A Eff. 71.4% A1 Hydraulic efficiency 70.86 Shaft power P2 16.7 NPSH-values 2.953						

Q / m³/h

0

20

40

60

80

100

120

67.37

Operating data specification

Nominal flow

m³/h

65

Nominal head

m

60

Static head

m

0

NPSH - value of plant

m

Inlet pressure

bar

0

Fluid

Water

Operating temperature t A

°C

20

Density at t A

kg/m³

998.3

Kin. viscosity at t A

mm²/s

1.005

Pump

Pump name

NR-201C/3A

Size

Design

Speed

1/min

2900

No of stages

3

Impeller type

Radial impeller

Flow

Nominal

m³/h

67.4

Max-

m³/h

120

Min-

m³/h

50

Head

Nominal

m

64.5

Max-

m

73

Min-

m

22.5

Head H(Q=0)

m

86.9

NPSH 3%

m

2.95

Max working pressure

bar

8.51

Shaft power

kW

16.7

Efficiency

%

70.9

Max absorbed power

kW

17.763

Materials Pump

Shaft

Stainless steel AISI 431 (1.4057)

Impeller

Brass

Diffuser

Cast iron EN-GJL-250

Suction support

Cast iron EN-GJL-250

Outlet

Ductile Cast iron EN-GJS-500

Pump pipe

Carbon steel

Cable cover

Stainless steel AISI 304 (1.4301)

Valve

AISI 304 (1.4301) + Cast Iron EN-GJL-250

Rubber components

Rubber EPDM

Motor

Frame size

6"

Manufacturer / Type

SAER

CL 140-25

Rated power

kW

18.5

SF

1

Efficiency 4/4

86 %

Electric current

A

37.4

Speed

1/min

2880

Electric voltage

V

400 V

3~

Hz

50

Starting mode

Direct starting

Degree of protection

IP 68

Insulation class

F

Dimensions in mm

H

735

L

825.5

ød

144

øD

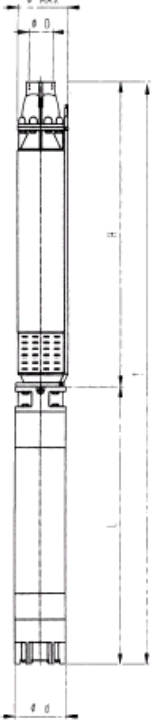
G 3"

øMax

190

T

1560



Remarks:

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2025-04-10

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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

65

m³/h

60

m

Impeller construction

Closed

Pump data

67.4

m³/h

64.5

m

Sense of rotation

Clockwise from the drive end

Outlet width

G3"

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

50

120

73.7

86.9

60.8

15.4

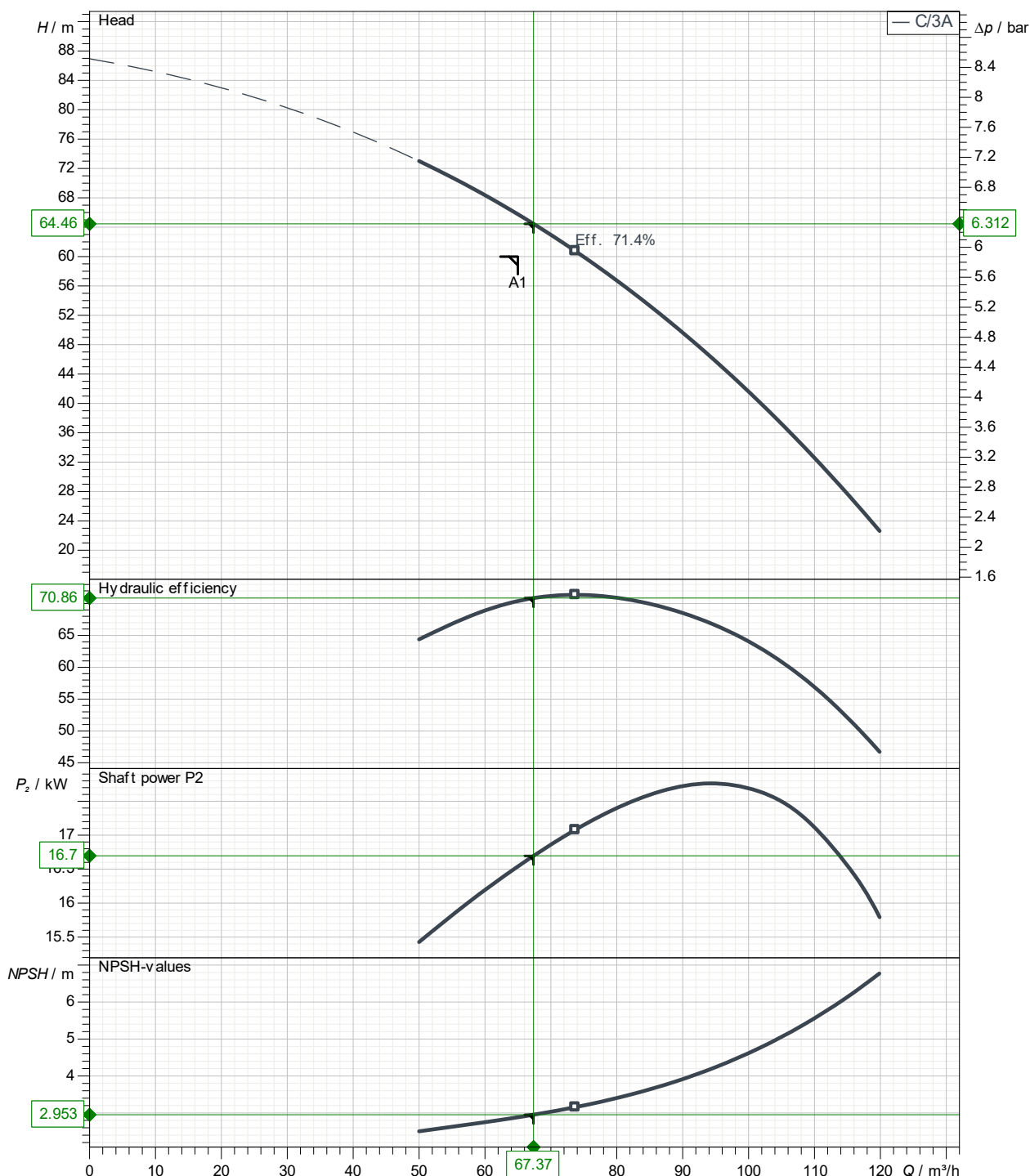
17.8

17.1

Performance data based to:

Water; 20°C; 998.3kg/m³; 1.005mm²/s

UNI EN ISO 9906:2012 - Grade 3B



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Type of installation
NR-201C/3A

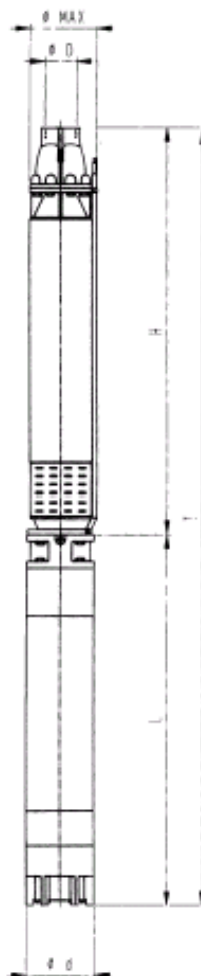
Receiver

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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
G3"

Dimensions in mm

H	735
L	825.5
ød	144
øD	G 3"
øMax	190
T	1560

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