

Technical data

IR40-160NB/A

Revision no

Page:

1

Receiver

From

Company name

Respons. Department

Person in charge

Phone number

Fax no

E-mail address

Head

Application range

Eff.

70%

70.6%

72.3%

A

B/A

C/A

Shaft power P2

A (P2)

B/A (P2)

C/A (P2)

Efficiency

A

B/A

C/A

NPSH-values

A

B/A

C/A

UNITEN ISO 9906:2012 grade 3B

Operating data specification

Nominal flow

m³/h 0

Nominal head

m 0

Static head

m 0

NPSH - v value of plant

m 0

Inlet pressure

bar 0.09793

Fluid

Water, pure

Operating temperature t A

°C 20

Density at t A

kg/dm³ 0.9983

Kin. viscosity at t A

mm²/s 1.005

Pump

Pump name

IR40-160NB/A

Size

65/40/160

MEI (Reg. 547/2002 EU) >

0,5

Speed 1/min

2900

No of stages

1

Impeller type

Flow

Nominal

m³/h

Max-

m³/h 50

Min-

m³/h 12

Head

Nominal

m

Max-

m 36.7

Min-

m 20.5

Head H(Q=0)

m 36.8

NPSH 3%

m

Max. working pressure

bar 3.6

Shaft power

kW

Efficiency

%

Max absorbed power

kW 4.6138

Materials Pump

Shaft

Stainless steel AISI 431 (1.4057)

Impeller

Cast iron EN-GJL-250

Pump body

Cast iron EN-GJL-250

Seal disc

Cast iron EN-GJL-250

Gasket

Natural fiber

Mechanical seal

BVEG (Grafite/Ossido Allumina/EPDM)

Motor

Manufacturer / Type

SAER 112-2P-7,5

Efficiency

IEC 60034-30

IE3

Rated power

kW 5.5

Efficiency 4/4

89.2 %

Number of poles

2

Frame size

112

Electric current

A 10.9 A

Speed

1/min 2928

Electric voltage

V 380 V

3~

Hz 50

Starting mode

Unknown

Degree of protection

IP 55

Insulation class

F

Dimensions in mm

a 80

DNM

DNA

b 50

C 88

C 122

f 450

D 150

D 185

h1 132

DN 40

DN 65

h2 160

K 110

K 145

m1 100

n° 4 x 19 mm

4 x 19 mm

m2 70

n1 240

n2 190

s 14

w 304

Remarks:

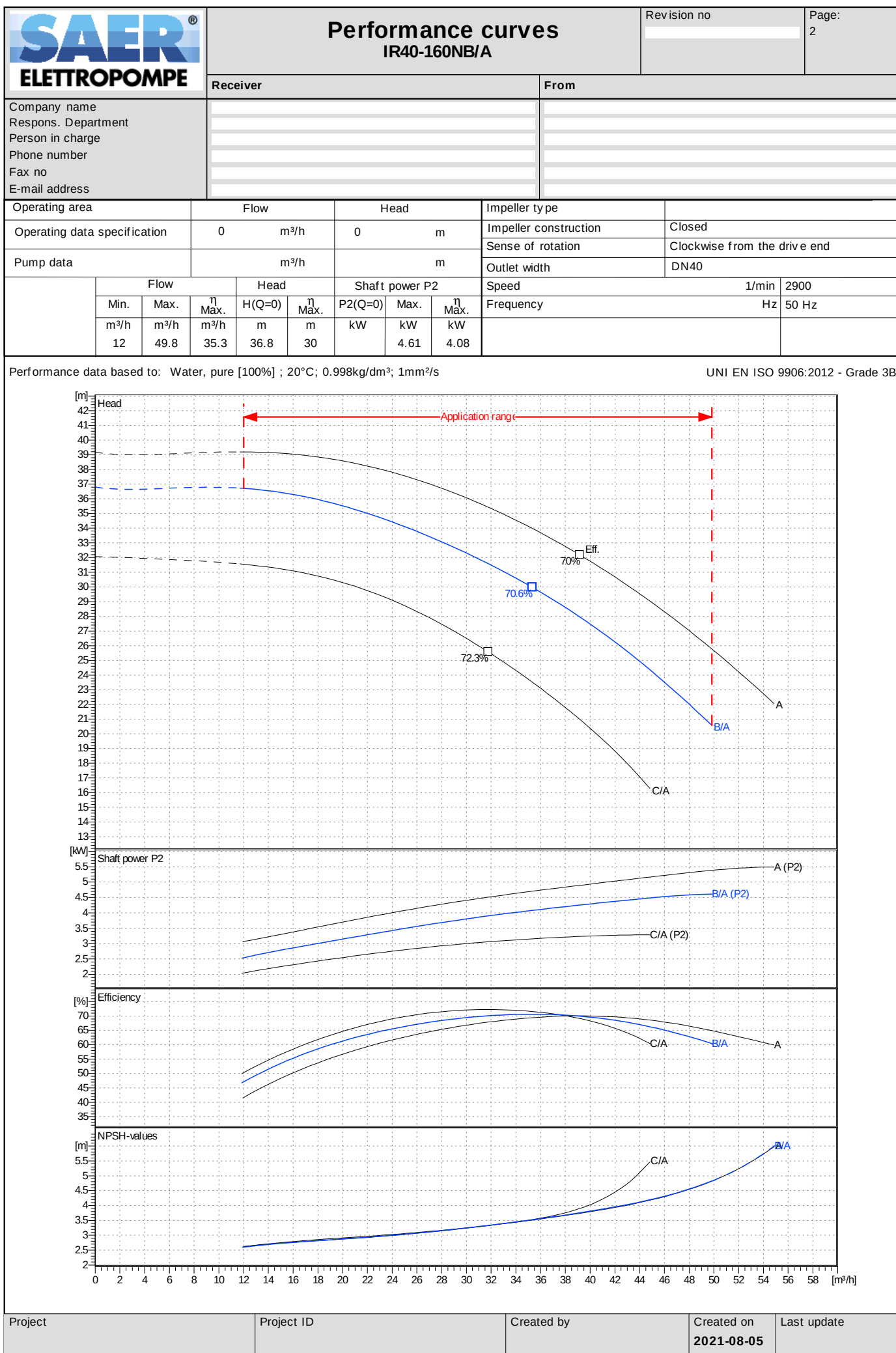
Project

Project ID

Created by

Created on 2021-08-05

Last update



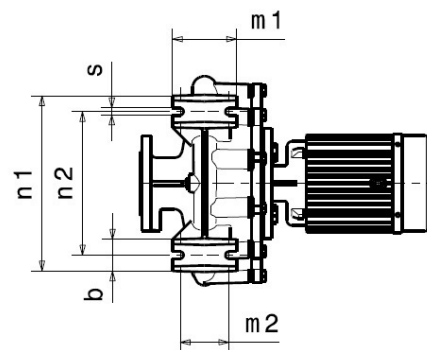
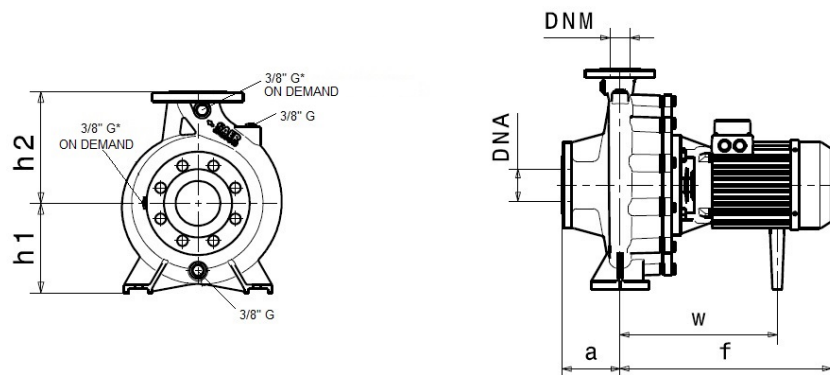
Pump dimensions

Connections

Suction side	Discharge port
DN65	DN40
PN10 / PN16	PN10 / PN16

Dimensions in mm

a	80		
b	50		
f	450		
h1	132		
h2	160		
m1	100		
m2	70		
n1	240		
n2	190		
s	14		
w	304		



Disegni dimensionali e immagini non vincolanti. Saer si riserva il diritto di effettuare cambiamenti senza alcun preavviso.
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