Technical data
L2P-40-125SØ 130

Revision no

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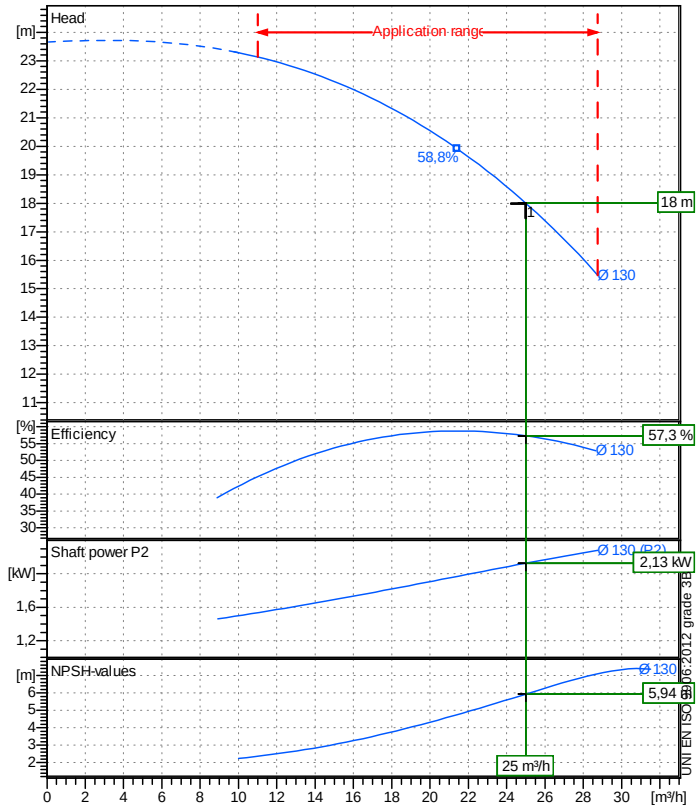
Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	



Operating data specification

Nominal flow	m³/h	25
Nominal head	m	18
Static head	m	0
NPSH - value of plant	m	0
Inlet pressure	bar	0,09793
Fluid		Water, pure
Operating temperature t A	°C	120
Density at t A	kg/dm³	0,9983
Kin. viscosity at t A	mm²/s	1,005

Pump

Pump name			L2P-40-125SØ 130	
Size			320 mm	
Design			0,6	
Speed	1/min	2900	No of stages	1
Impeller type			Radial impeller	
Flow		Nominal	m³/h	25
		Max-	m³/h	28,8
		Min-	m³/h	11
Head		Nominal	m	18
		Max-	m	23,1
		Min-	m	15,5
Head H(Q=0)			m	23,7
NPSH 3%			m	5,94
Max. working pressure			bar	2,41
Shaft power			kW	2,13
Efficiency			%	57,3
Max absorbed power			kW	2,2801

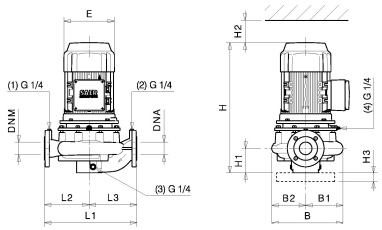
Materials Pump

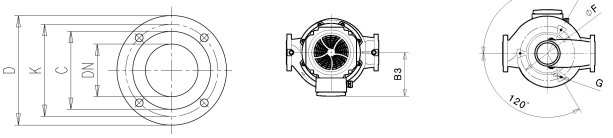
Shaft end	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Spheroidal Cast iron EN-GJS-500
Seal disc	Spheroidal Cast iron EN-GJS-500
Gasket	Aramidic fiber
Mechanical seal	AQ1EG(Gra+antimony/Sic/EPDM)

Motor	Manufacturer / Type		SAER	90-2P-3	
Efficiency	IEC 60034-30		IE3		
Rated power	kW	2,2	Efficiency 4/4		85,9 %
Number of poles		2	Frame size		90
Electric current	A	4,4 A	Speed	1/min	2915
Electric voltage	V	400 V	3~	Hz	50
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

Dimensions in mm

B	221
B1	113
B2	108
B3	125
E	176
F	168
G	M10
H	449
H1	79
H2	120
H3	40
L1	320
L2	140
L3	180





C	88	C	88
D	150	D	150
DN	40	DN	40
K	110	K	110
n°	4 x 19 mm	n°	4 x 19 mm

Digitally signed by Prijilevschi Andrei
Date: 2024.05.10 12:17:57 EEST
Reason: MoldSign Signature
Location: Moldova

Remarks:

Project	Project ID	Created by	Created on	Last update
			2024-05-10	

Performance curves
L2P-40-125SØ 130

Revision no	Page:
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Receiver	From
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	

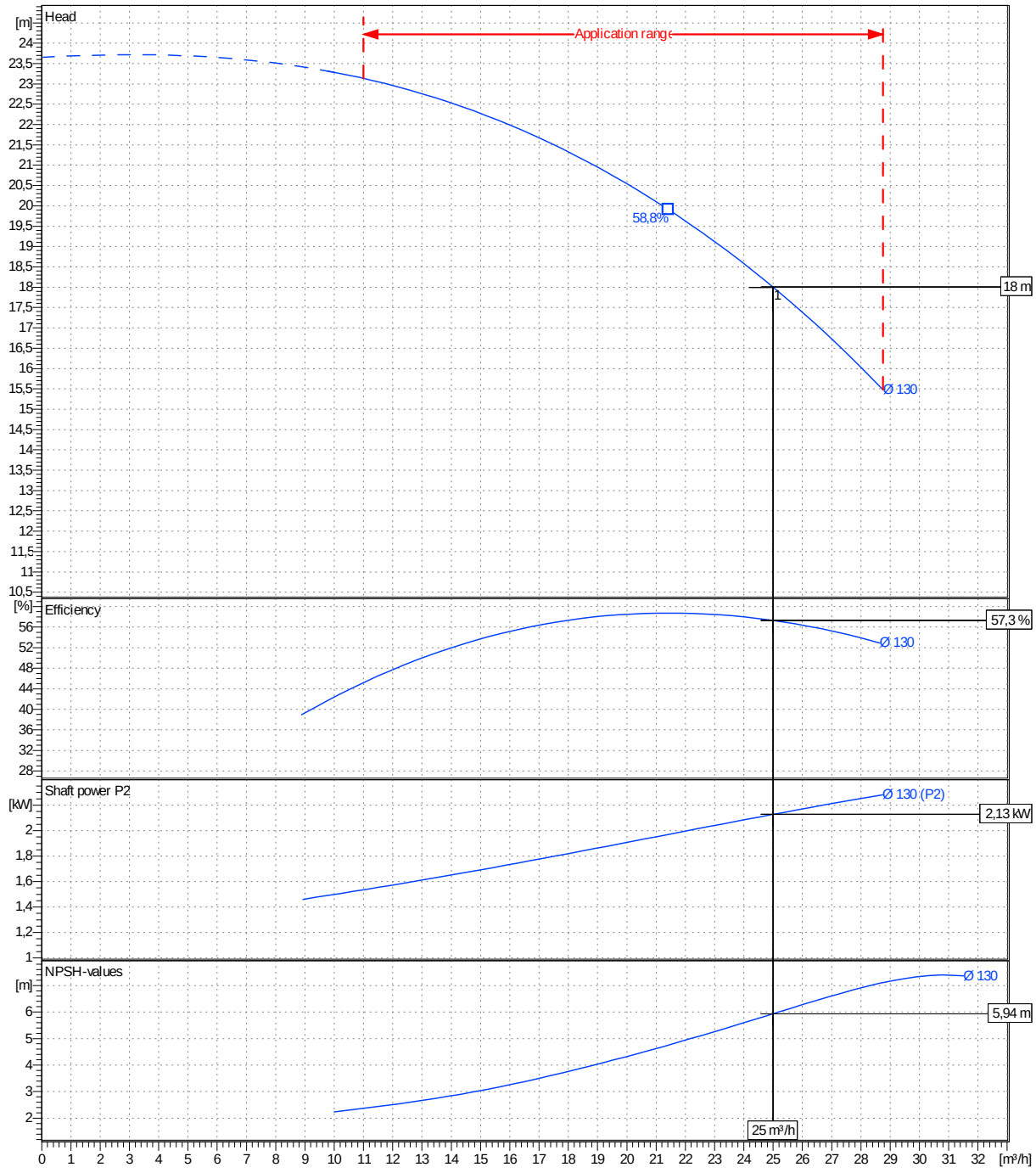
Operating area	Flow		Head	
Operating data specification	25	m³/h	18	m
Pump data	25	m³/h	18	m

	Flow			Head		Shaft power P2		
	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
	11	28,8	21,4	23,7	19,9		2,28	1,97

Impeller type	Radial impeller	
Impeller construction	Closed	
Sense of rotation	Clockwise from the drive end	
Outlet width	DN40	
Speed	1/min	2900
Frequency	Hz	50 Hz

Performance data based to: Water, pure [100%] ; 120°C; 0,998kg/dm³; 1mm²/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
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SAER ELETTROPOMPE

Revision no

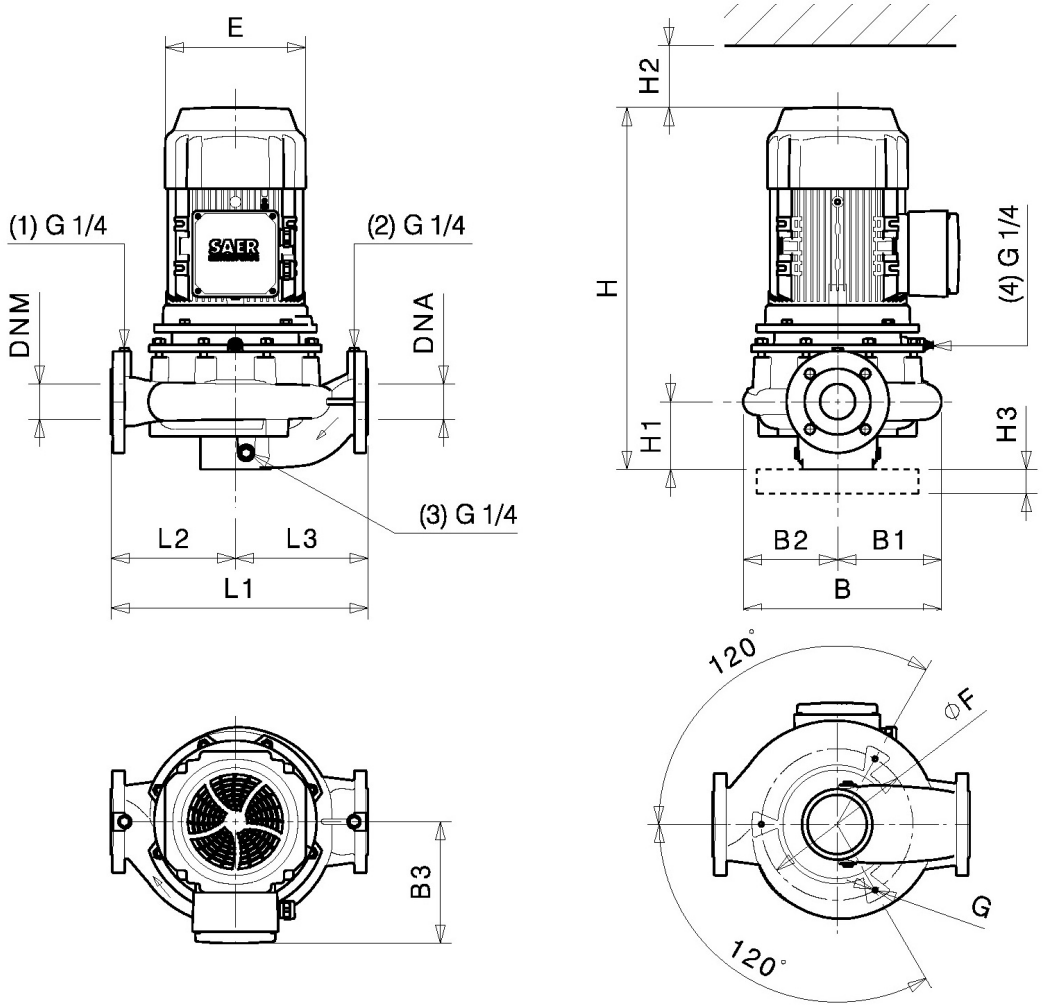
Type of installation

L2P-40-125SØ 130

Receiver

From

Pump 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
DN40	DN40
PN10 / PN16	PN10 / PN16

Dimensions in mm

B	221
B1	113
B2	108
B3	125
E	176
F	168
G	M10
H	449
H1	79
H2	120
H3	40
L1	320
L2	140
L3	180

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