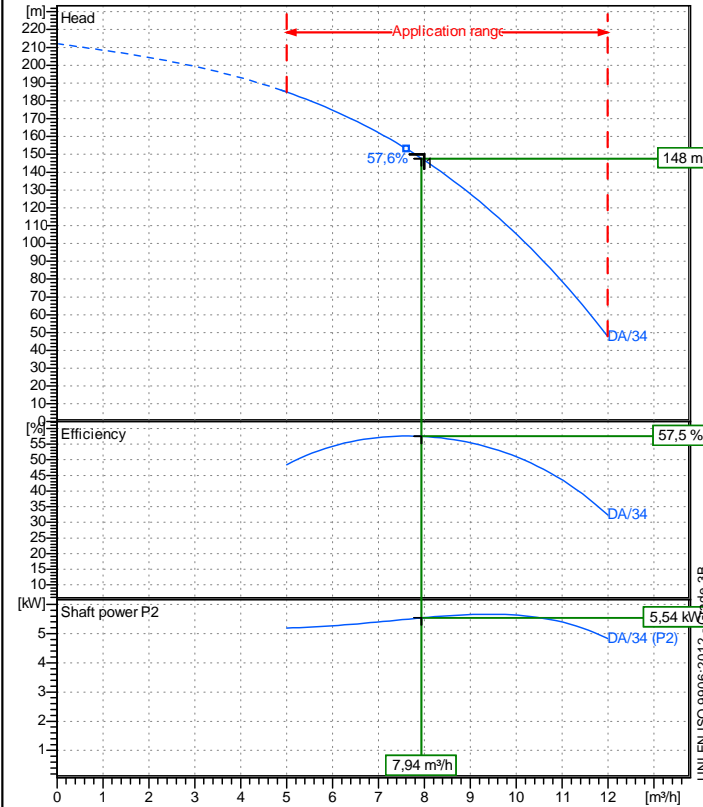


Receiver

From

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

Operating data specification

Nominal flow	m ³ /h 8
Nominal head	m 150
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/dm ³ 0,9983
Kin. viscosity at t A	mm ² /s 1,005

Pump

Pump name		NS-96DA/34	
Size			
Design			
Speed	1/min 2900	No of stages	34
Impeller type			
Flow	Nominal	m ³ /h	7,94
	Max-	m ³ /h	12
	Min-	m ³ /h	5
Head	Nominal	m	148
	Max-	m	185
	Min-	m	47,8
Head H(Q=0)		m 212	
NPSH 3%		m	
Max. working pressure		bar 20,9	
Shaft power		kW 5,54	
Efficiency		% 57,5	
Max absorbed power		kW 5,6631	

Materials Pump

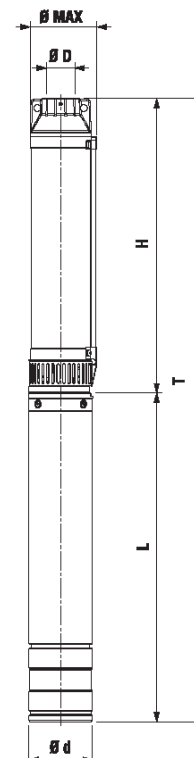
Shaft	Stainless steel AISI 431 (1.4057)		
Impeller	Technopolymer		
Diffuser	Technopolymer		
Suction support	Brass		
Outlet	Brass		
Tubo	Stainless steel AISI 304 (1.4301)		
Cable cover	Stainless steel AISI 304 (1.4301)		
Valve	EPDM Rubber		

Motor	Frame size	4"		
Manufacturer / Type	SAER	CL 95-7T		
Rated power	kW 5,5	Efficiency 4/4	81 %	
Electric current	A 13,3	Speed	1/min 2900	
Electric voltage	V 400 V	3~	Hz 50	
Starting mode	Directly			
Degree of protection	IP 68	Insulation class	F	

Remarks:

Dimensions in mm

H	1582
L	719
od	95
oD	G 2"
oMax	100
T	2301

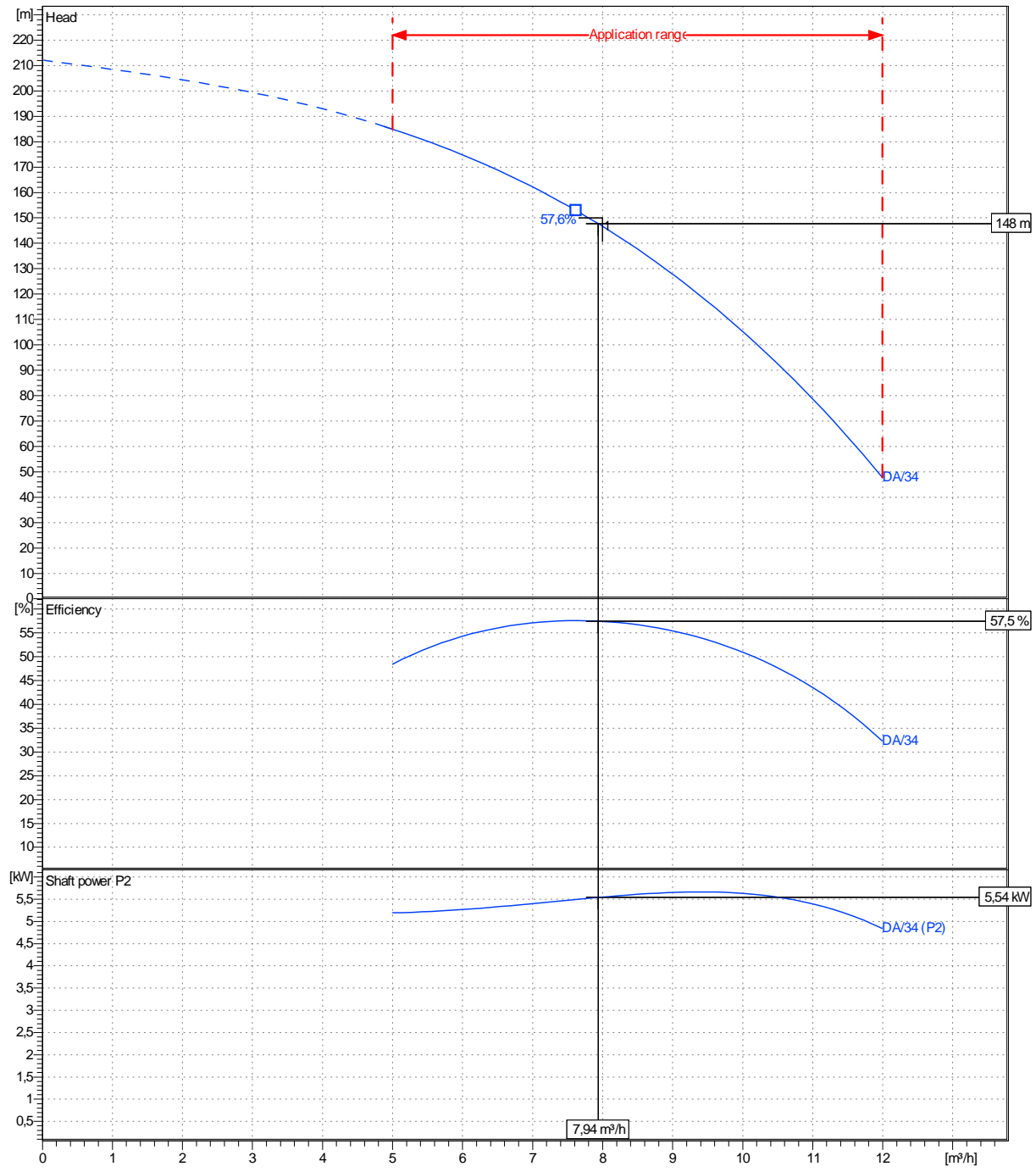


Project	Project ID	Created by	Created on	Last update
			2023-07-26	

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

Operating area	Flow	Head	Impeller type
Operating data specification	8 m ³ /h	150 m	Impeller construction: Closed
Pump data	7,94 m ³ /h	148 m	Sense of rotation: Counter clockwise
			Outlet width: 2"
Flow		Head	Shaft power P2
Min. m ³ /h	Max. m ³ /h	$\eta_{Max.}$ m	H(Q=0) m
5	12	7,63	212
		$\eta_{Max.}$ m	P2(Q=0) kW
			Max. kW
			$\eta_{Max.}$ kW
			5,66
			5,49
Speed			1/min 2900
Frequency			Hz 50 Hz

Performance data based to: Water, pure [100%]; 20°C; 0,998kg/dm³; 1mm²/s UNI EN ISO 9906:2012 - Grade 3B





Spare parts

NS-96DA/34

Revision no

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

Project	Project ID	Created by	Created on 2023-07-26	Last update
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