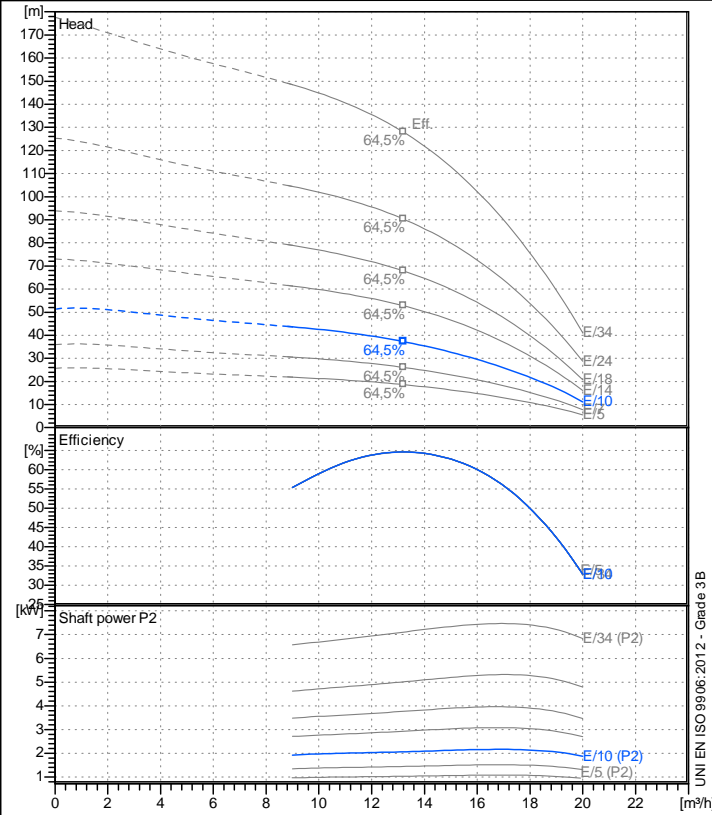


Receiver

From

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

 Hungary
 sales
 Tamás, Nagy
 +36 30 5017427
 -
 nagy.tamas@metra.hu

Operating data specification

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

Pump

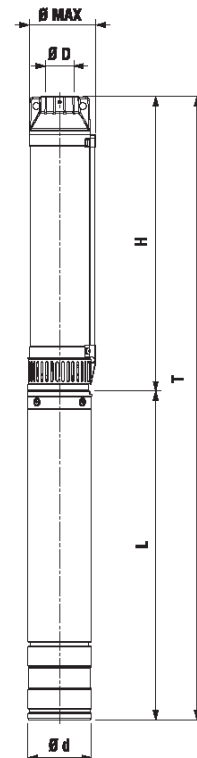
Pump name	NS-95E /10		
Size			
Design			
Speed 1/min	2900	No of stages	10
Impeller type	Semi axial impeller		
Flow	Nominal	m ³ /h	
	Max-	m ³ /h 20	
	Min-	m ³ /h 9	
Head	Nominal	m	
	Max-	m 43,6	
	Min-	m 11,2	
Head H(Q=0)	m 51,4		
NPSH 3%	m		
Max. working pressure	bar 5,04		
Shaft power	kW		
Efficiency	%		
Max absorbed power	kW 2,1651		

Materials Pump

Shaft	Stainless steel AISI 420 (1.4028)
Impeller	Poly carbonates
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	936
L	609
od	95
oD	G 2"
oMax	100
T	1545



Motor	Frame size	4"		
Manufacturer / Type	SAER	CL 95-4M		
Rated power	kW	3	Efficiency 4/4	72 %
Electric current	A	19,1	Speed	1/min 2900
Electric voltage	V	230 V	1~	Hz 50
Starting mode	Directly			
Degree of protection	IP 68	Insulation class	F	

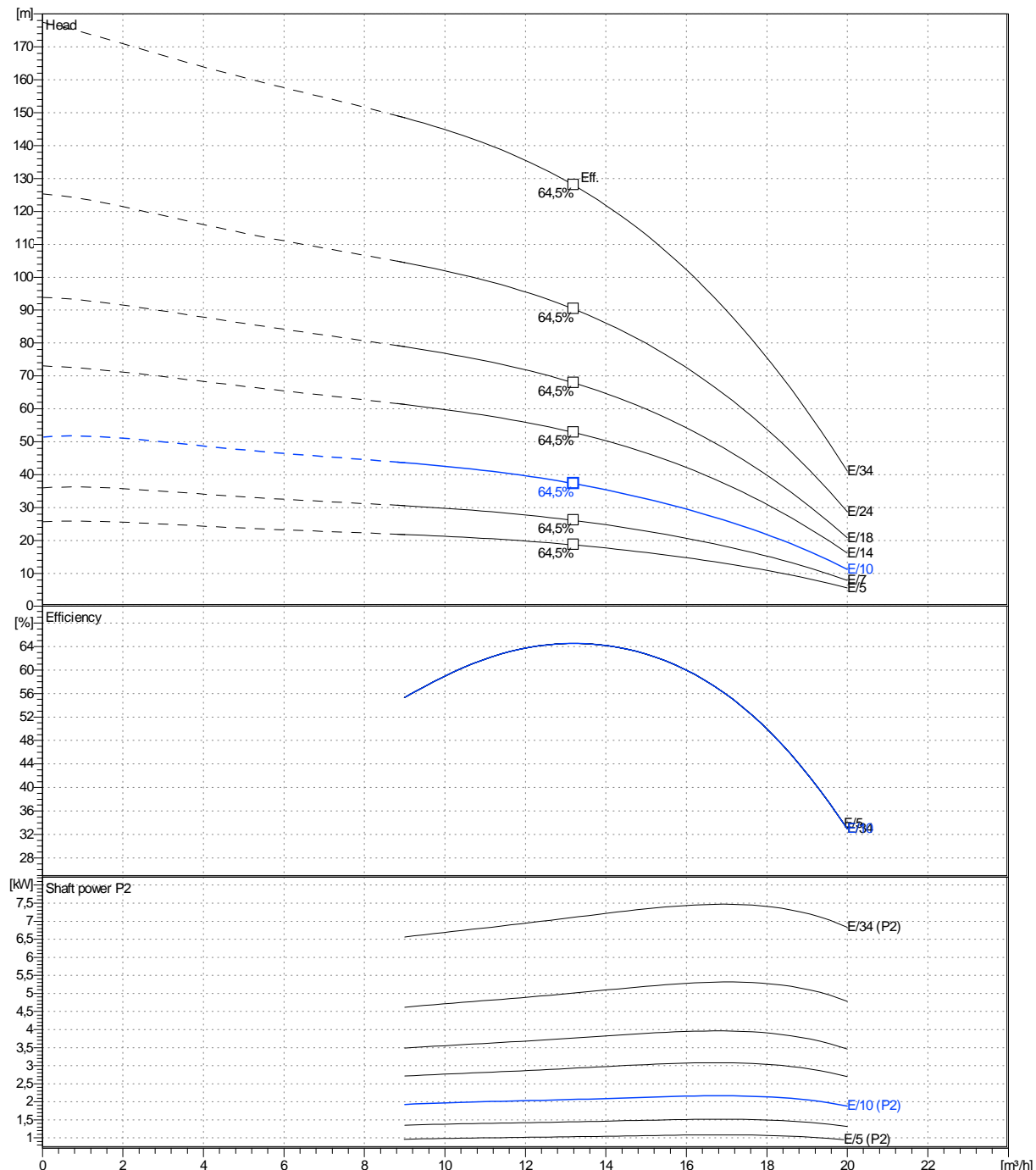
Remarks:

Project	Project ID	Created by	Created on	Last update
			2024-01-08	

Receiver	From
Company name	Hungary
Respons. Department	sales
Person in charge	Tamás, Nagy
Phone number	+36 30 5017427
Fax no	-
E-mail address	nagy.tamas@metra.hu

Operating area	Flow	Head	Impeller type
Operating data specification	0 m ³ /h	0 m	Semi axial impeller
Pump data	m ³ /h	m	Impeller construction
			Closed
			Sense of rotation
			Counter clockwise
			Outlet width
			2"
	Flow	Head	Shaft power P2
	Min. Max. η Max.	H(Q=0) η Max.	P2(Q=0) Max. η Max.
	m ³ /h m ³ /h m ³ /h	m m	kW kW kW
	9 20 13,2	51,4 37,3	2,17 2,06
			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



Project	Project ID	Created by	Created on	Last update
			2024-01-08	



Spare parts NS-95E /10

Revision no

Page:

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Company name
Respons. Department
Person in charge
Phone number
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sales
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Project

Project ID

Created by

Created on
2024-01-08

Last update