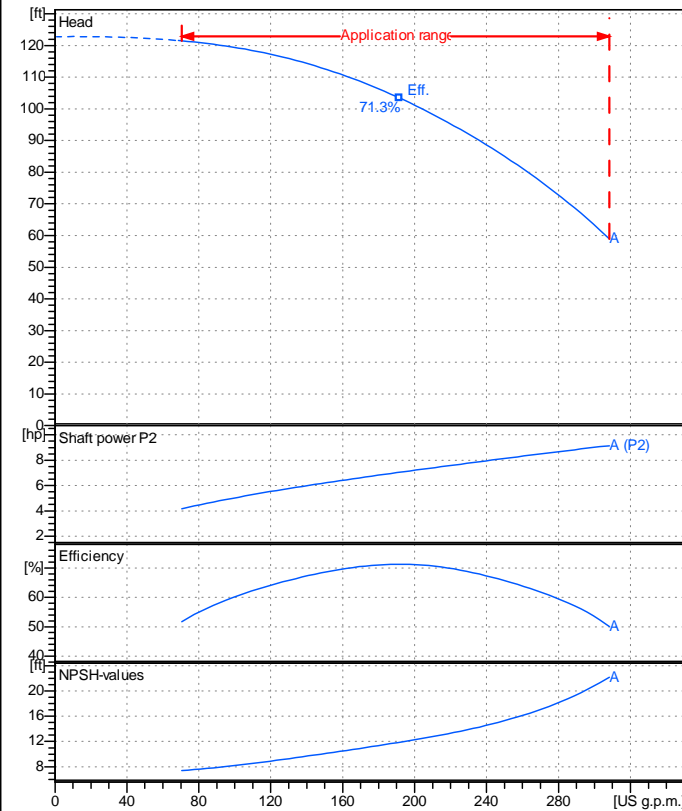


Receiver

From

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

Operating data specification

Nominal flow	US g.p.m.	0
Nominal head	ft	0
Static head	ft	0
NPSH - v value of plant	ft	0
Inlet pressure	psi	1.42
Fluid		Water, pure
Operating temperature t A	°F	68
Density at t A	lb/ft³	62.32
Kin. viscosity at t A	ft²/s	1.082E-5

Pump

Pump name	6MG4-4P 50-250NA		
Size	65/50/250		
Design			
Speed rpm	1800	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	308
	Min-	US g.p.m.	70.4
Head	Nominal	ft	
	Max-	ft	121
	Min-	ft	58.9
Head H(Q=0)	ft	123	
NPSH 3%	ft		
Max. working pressure	psi	53.2	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	9.1488	

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	Frame size	132L		
Manufacturer / Type	SAER	MEC132L-4P-7.5		
Rated power	hp	10.058	Efficiency 4/4	86 %
Electric current	A	24/12 A	Speed rpm	1800
Electric voltage	V	230/460V	3~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Remarks:

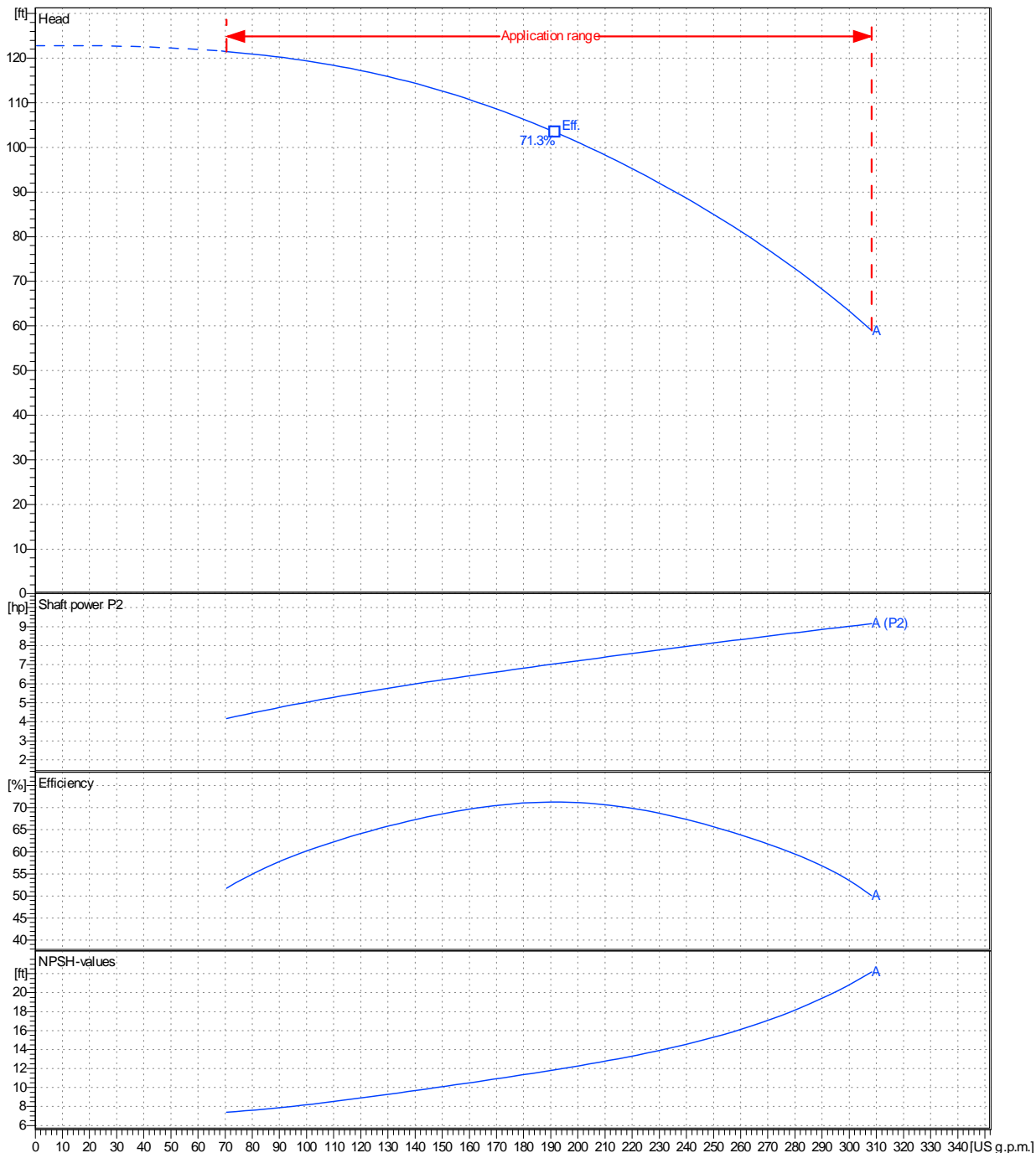
Project	Project ID	Created by	Created on	Last update
			9/26/2022	

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

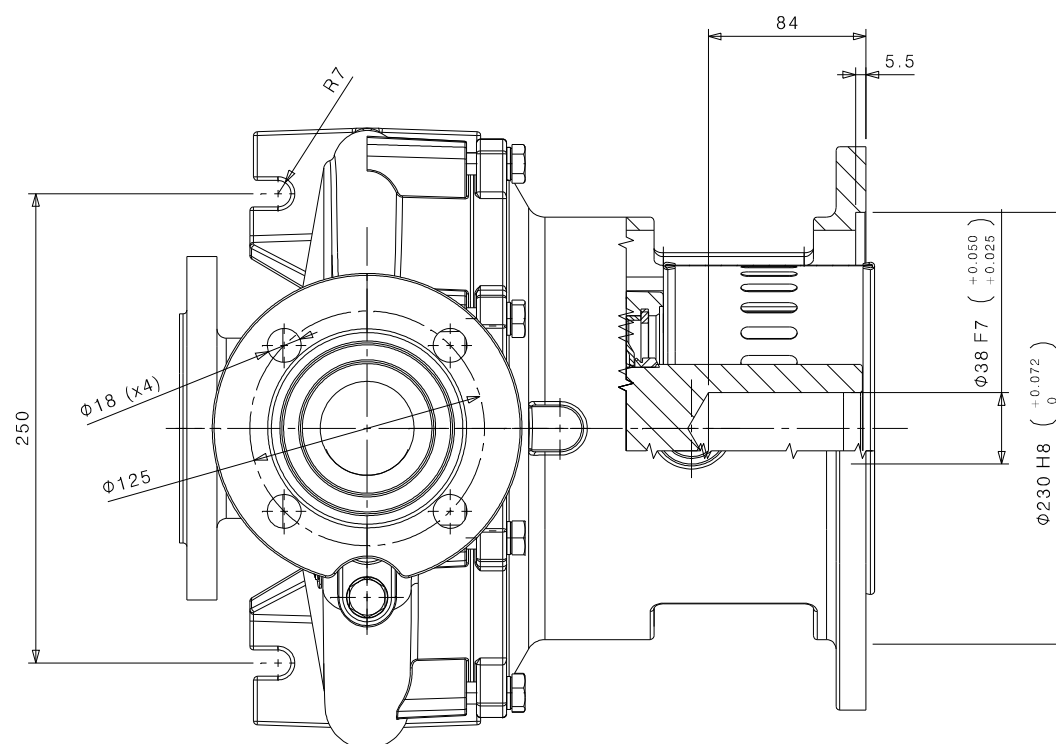
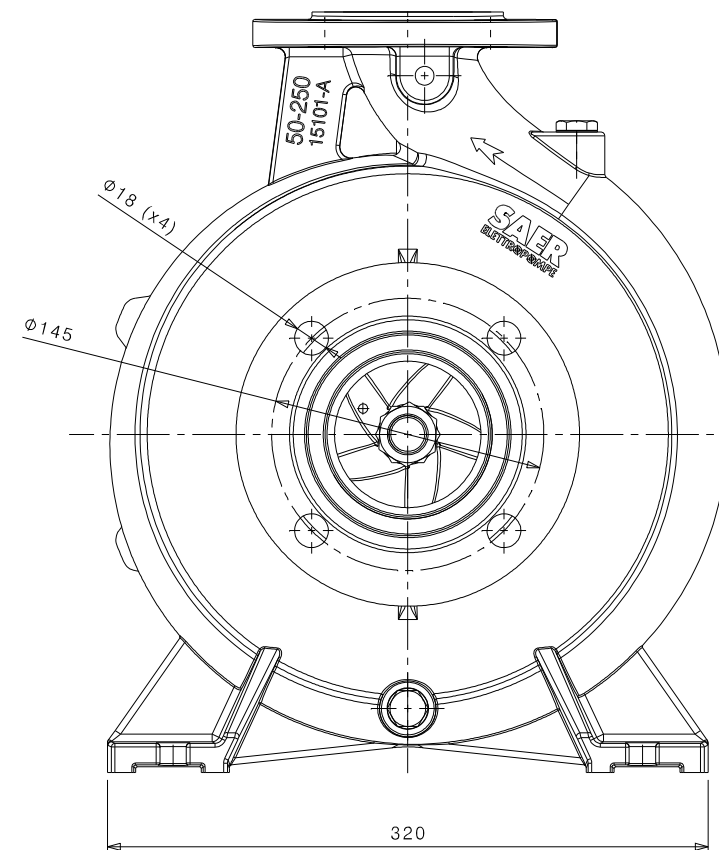
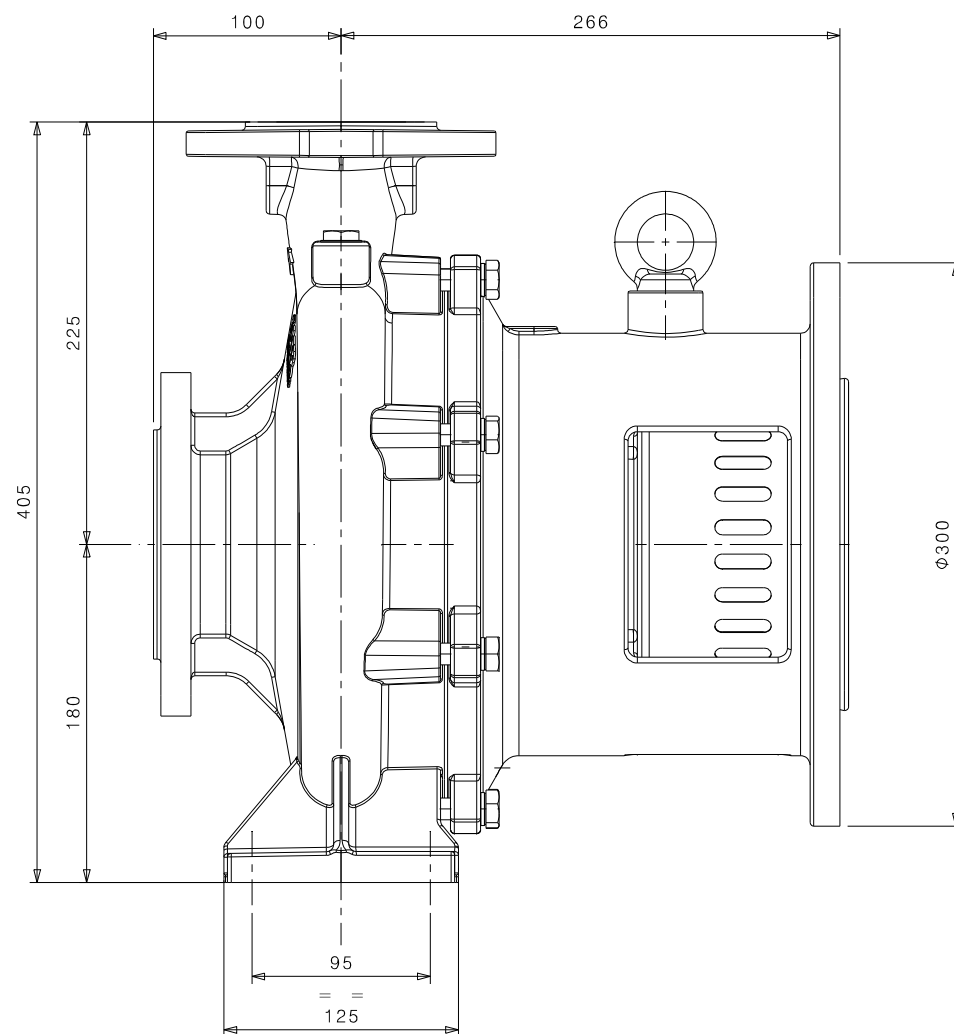
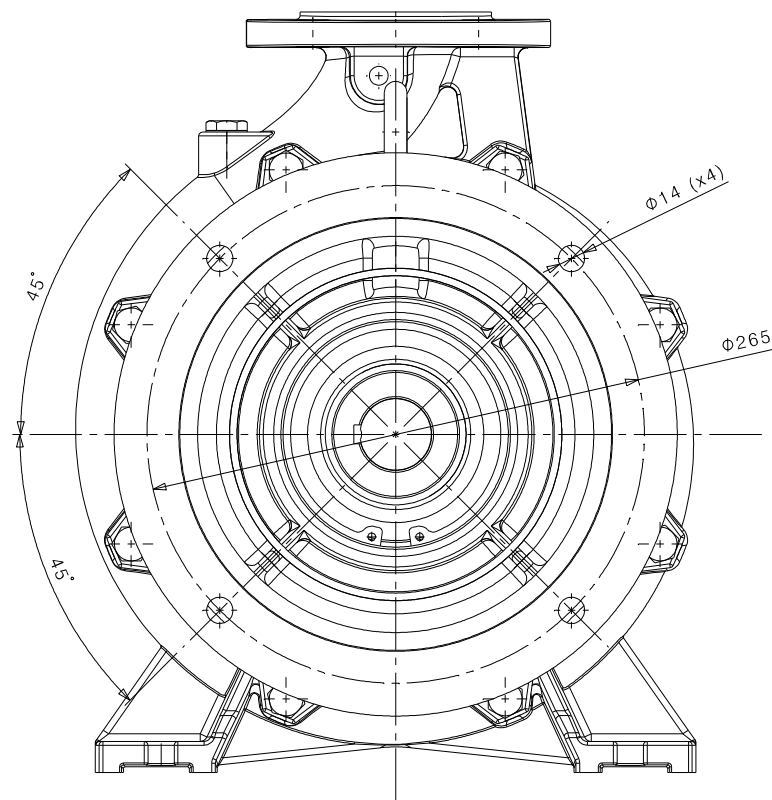
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction Closed
Pump data	US g.p.m.	ft	Sense of rotation Clockwise from the drive end
			Outlet width DN 50
	Flow	Head	Speed rpm 1800
	Min. Max. η Max.	H(Q=0) η Max.	Frequency Hz 60 Hz
	US g.p.m. US g.p.m. US g.p.m.	ft ft	
	70.4 308 192	123 103	
		Shaft power P2	
		P2(Q=0) Max. η Max.	
		hp hp hp	
		9.15 7.04	

Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on 9/26/2022	Last update
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MATERIALE		TRATTAMENTO TERMICO			
DISEGNATO DG	DATA 16-07-2021	QUOTE SENZA TOLLERANZA	RAGGI NON QUOTATI	SCALA 1:1	
APPROVATO	DATA	Secondo ISO 2768-m	SMUSSI NON QUOTATI		
DESCRIZIONE		PESO GREZZO	PESO FINITO	GRUPPO	
SAER ELETTROPOMPE GUASTALLA (RE) ITALY		COMPLESSIVO MG1 50-250 PER MOTORE MEC 132		MG1 50-250	
CODICE		GREZZO	DISEGNO	VERSIONE	
			P2027A006	00	
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