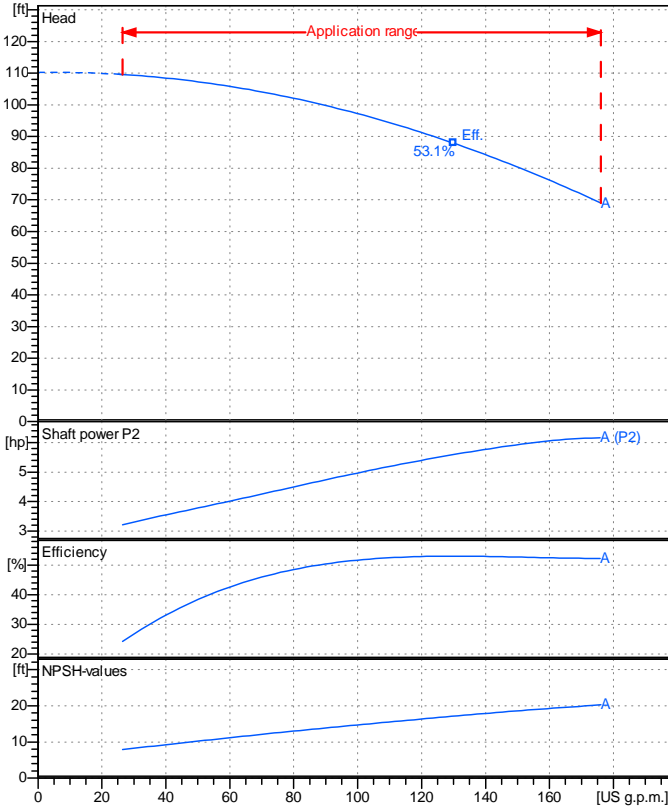


Receiver

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 32-250A		
Size		50/32/250		
Design				
Speed	rpm	1800	No of stages	1
Impeller type				
Flow	Nominal	US g.p.m.		
	Max-	US g.p.m.	176	
	Min-	US g.p.m.	26.4	
Head	Nominal	ft		
	Max-	ft	110	
	Min-	ft	69	
Head H(Q=0)		ft 110		
NPSH 3%		ft		
Max. working pressure		psi 47.7		
Shaft power		hp		
Efficiency		%		
Max absorbed power		hp 6.1563		

**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)		

<b>Motor</b>	Frame size	132 S		
Manufacturer / Type	SAER MEC132S-4P-5.5			
Rated power	hp	7.3756	Efficiency 4/4	84 %
Electric current	A	21.6/10.8 A	Speed	rpm 1800
Electric voltage	V	230/460V	3~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Remarks:

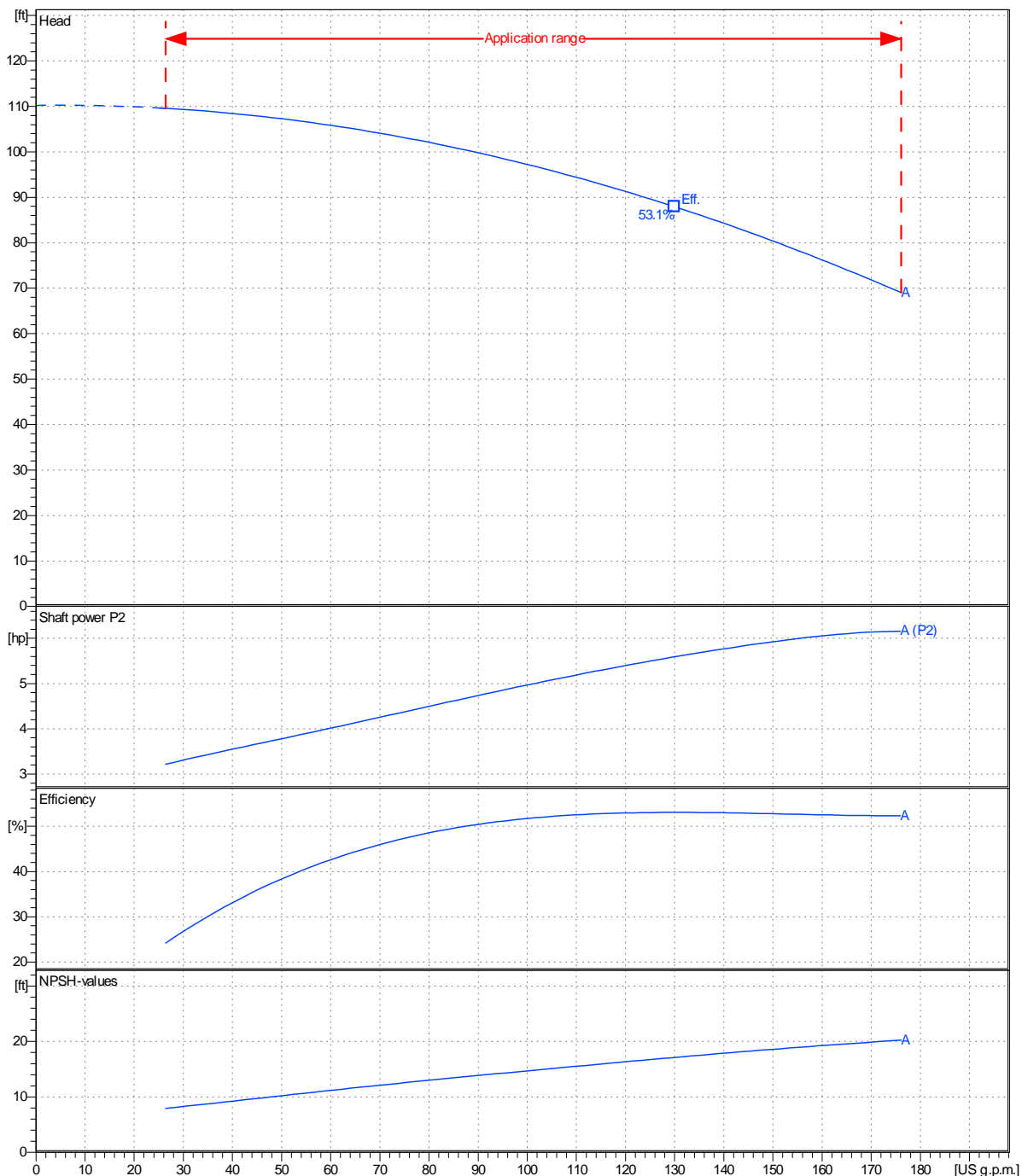
Project	Project ID	Created by	Created on	Last update
			<b>9/26/2022</b>	

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

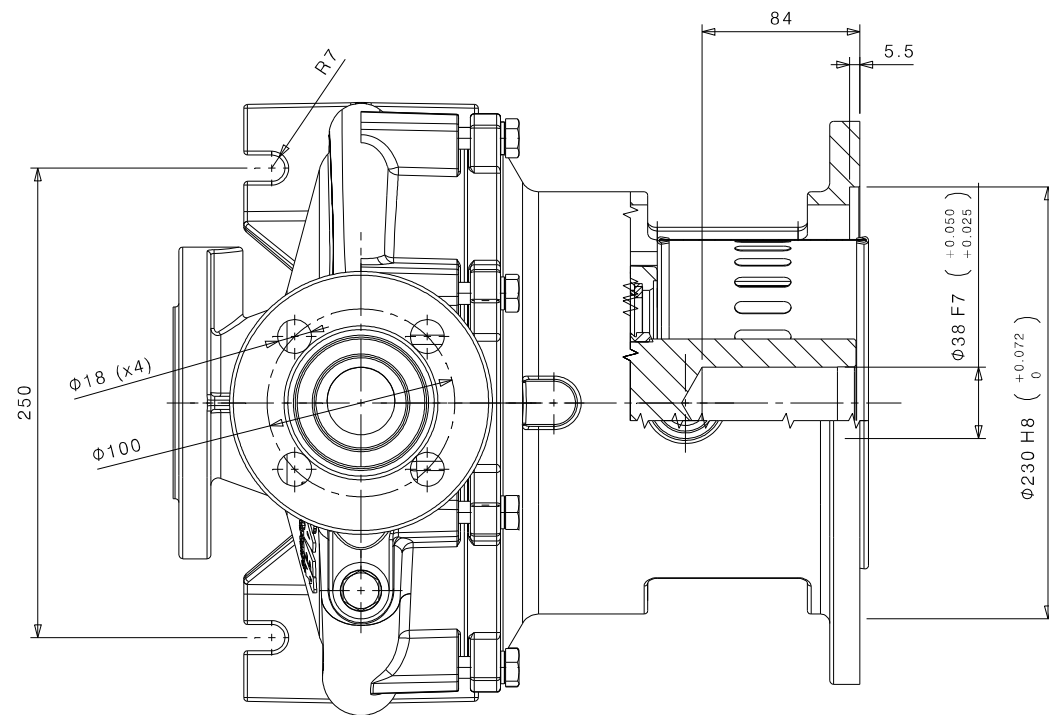
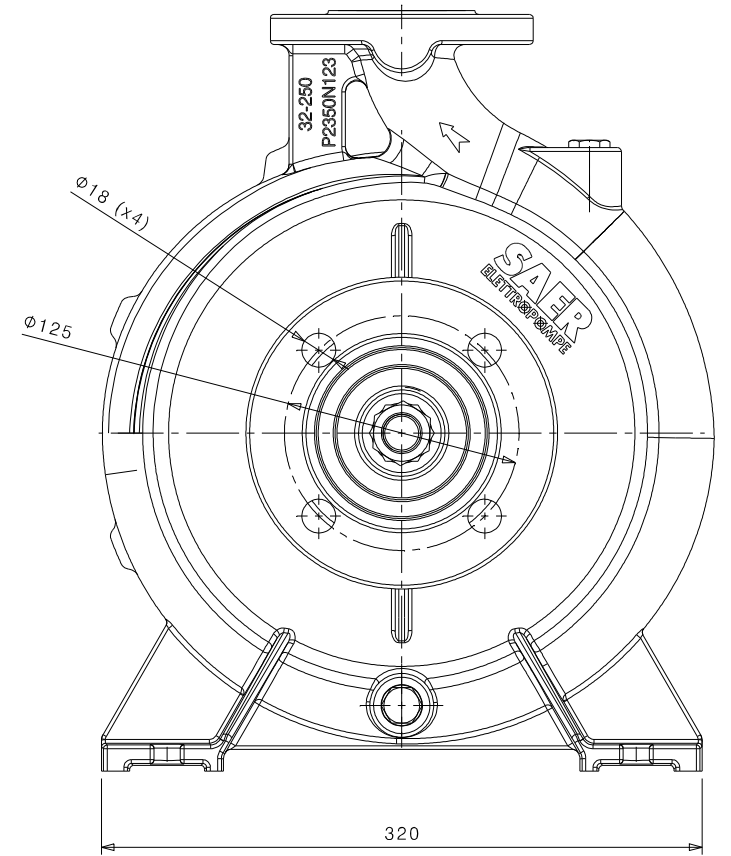
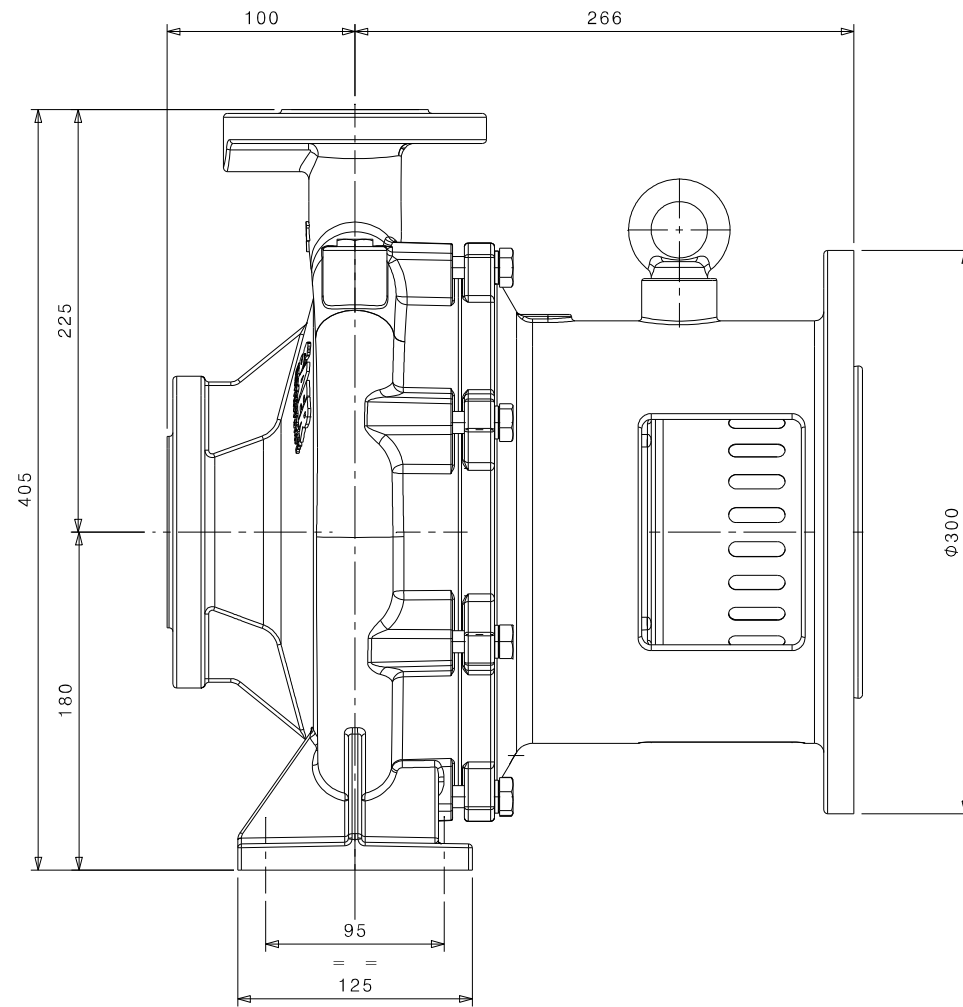
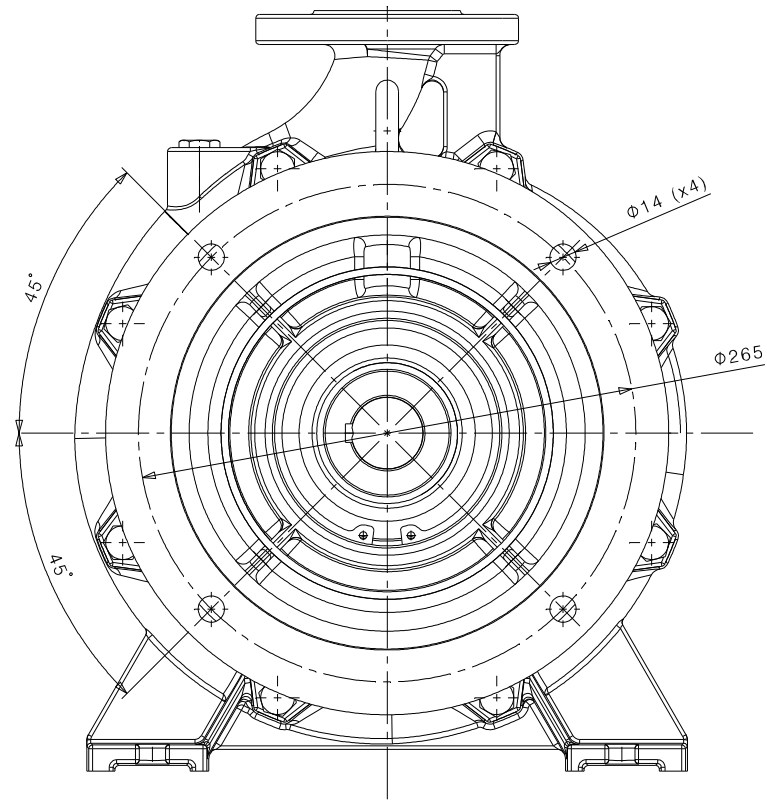
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction Closed
Pump data	US g.p.m.	ft	Sense of rotation Clockwise from the drive end
			Outlet width DN 32
	Flow	Head	Shaft power P2
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ Max.
	US g.p.m. US g.p.m. US g.p.m.	ft ft	hp hp hp
	26.4 176 130	110 87.9	6.16 5.59
			Speed rpm 1800
			Frequency Hz 60 Hz

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 <b>9/26/2022</b>	Last update
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MATERIALE		TRATTAMENTO TERMICO			
DISEGNATO DG	DATA 22-05-2018	QUOTE SENZA TOLLERANZA	RAGGI NON QUOTATI	SCALA	
APPROVATO PENNATI	DATA 22-05-2018	Secondo ISO 2768-m	SMUSSI NON QUOTATI	1:2	
DESCRIZIONE		PESO GREZZO	PESO FINITO	GRUPPO	
<b>SAER</b> ELETTROPOMPE GUASTALLA (RE) ITALY		COMPLESSIVO MG1 32-250 PER MOTORE MEC 132		MG1 32-250	
CODICE		GREZZO	DISEGNO	VERSIONE	
			P2027A000	00	
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