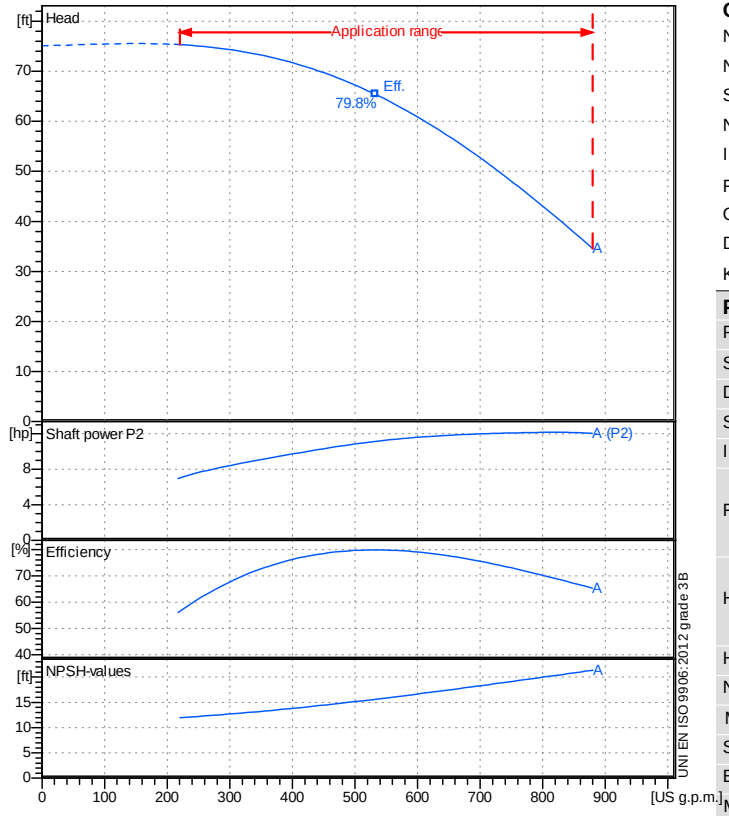
Technical Data
6MG4-4P 80-200A

Revision no	Page:
	1

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 - 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 80-200A	
Size		100/80/200	
Design			
Speed rpm	1800	No of stages 1	
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	880
	Min-	US g.p.m.	220
Head	Nominal	ft	
	Max-	ft	75.3
	Min-	ft	34.6
Head H(Q=0)		ft	75.1
NPSH 3%		ft	
Max. working pressure		psi	32.5
Shaft power		hp	
Efficiency		%	
Max absorbed power		hp	12.164

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-9.2			
Rated power	hp	12.337	Efficiency 4/4		86 %
Electric current	A	33/16.5 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
			2022-09-26	

Performance Curves
6MG4-4P 80-200B

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	0	US g.p.m.	0	ft
Pump data		US g.p.m.		ft

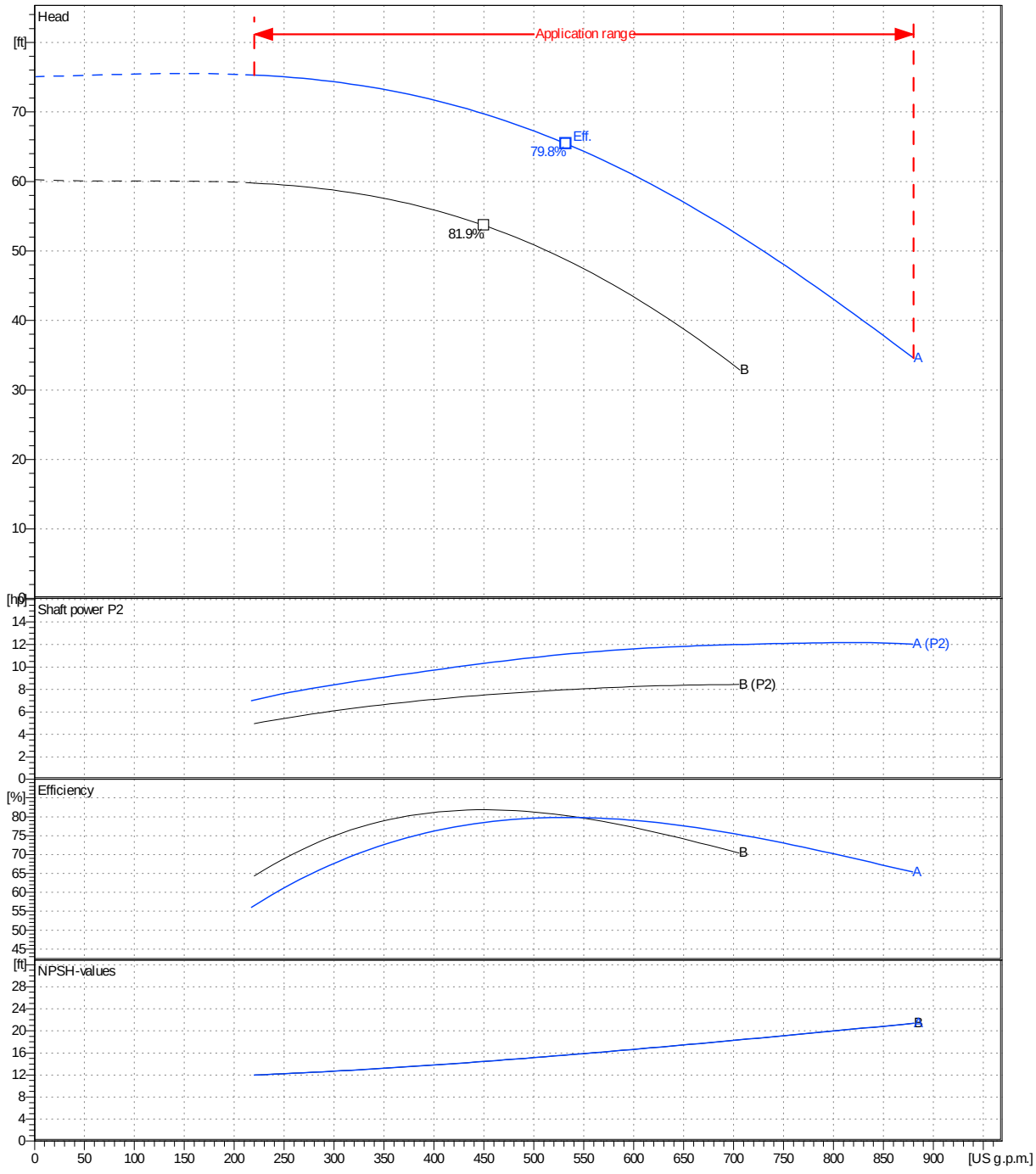
Impeller type	
Impeller construction	Closed
Sense of rotation	Clockwise from the drive end
Outlet width	DN 80

Speed	rpm	1800
Frequency	Hz	60 Hz

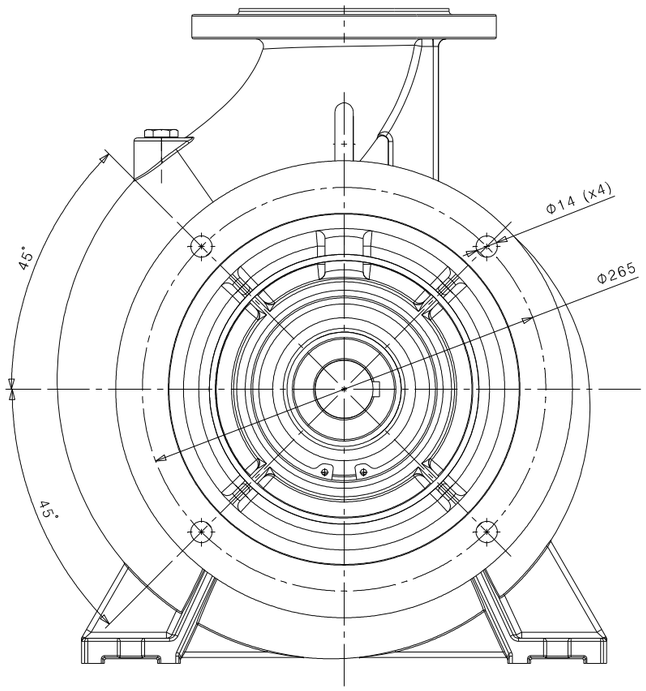
	Flow			Head		Shaft power P2		
	Min.	Max.	η Max.	H(Q=0)	η Max.	P2(Q=0)	Max.	η Max.
	US g.p.m	US g.p.m	US g.p.m.	ft	ft	hp	hp	hp
	220	880	532	75.1	65.4		12.2	11.1

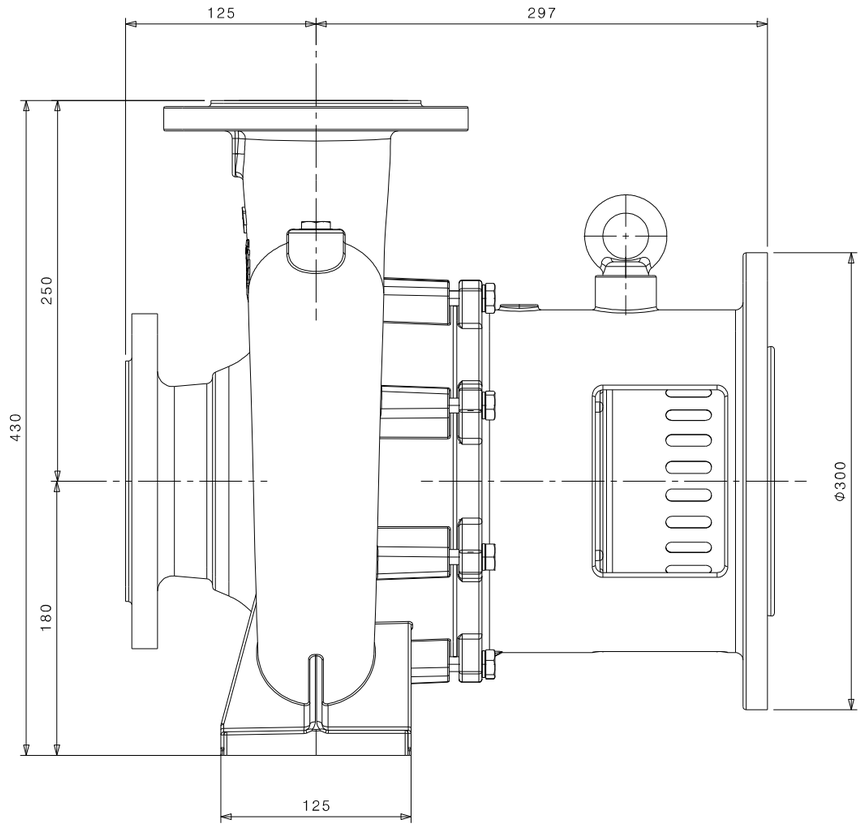
Performance data based to: Water, pure [100%] ; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

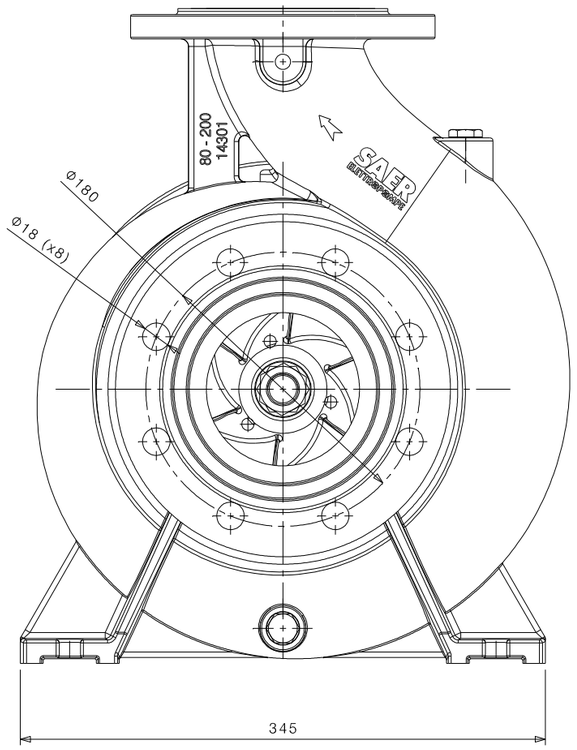
UNI EN ISO 9906:2012 - Grade 3B

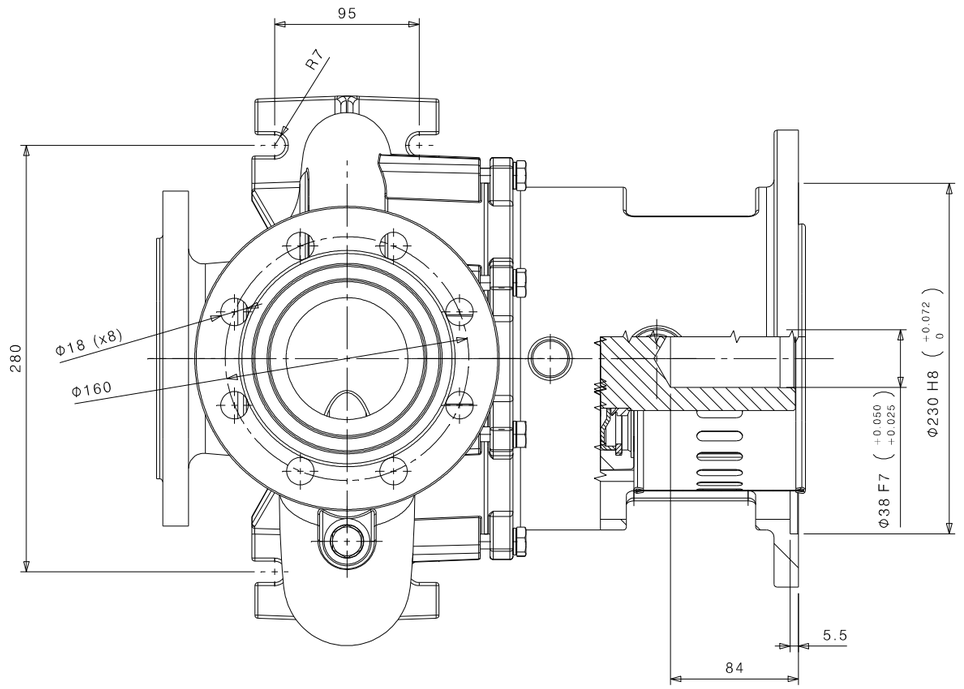


Project	Project ID	Created by	Created on	Last update
			2022-09-26	









MATERIALE			TRATTAMENTO TERMICO		
DISEGNATO: DG	DATA: 18-03-2021	QUOTE SENZA TOLLERANZA: Secondo ISO 2768-m	RAGGI NON QUOTATI	SCALA: 1:2	
APPROVATO	DATA		SMUSSI NON QUOTATI		

SAER ELETTROPOMPE
GUASTALLA (RE) ITALY

DESCRIZIONE: COMPLESSIVO MG1 80-200 PER MOTORE MEC 132		PESO GREZZO	PESO FINITO
		GRUPPO: MG1 80-200	
CODICE	GREZZO	DISEGNO: P2026A002	VERSIONE: 00

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