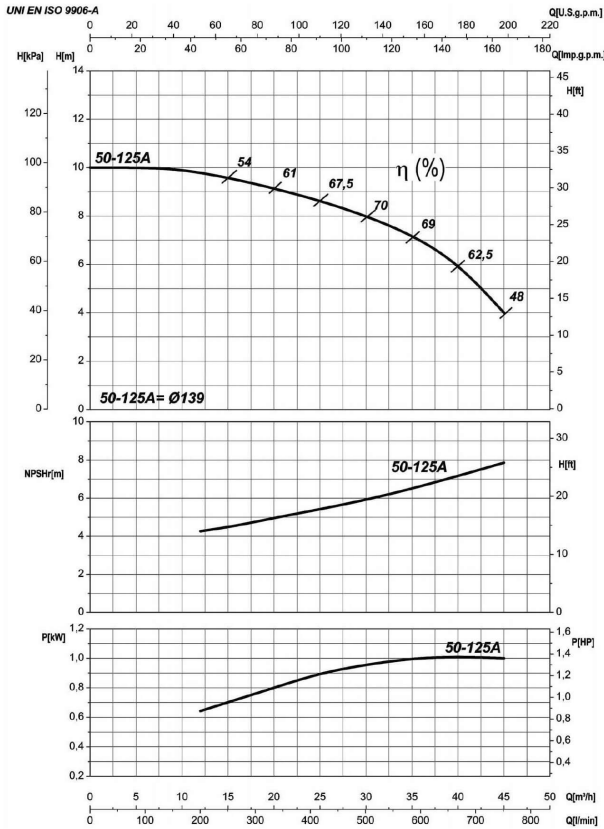


Receiver

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/ft <sup>3</sup> 62.32
Kin. viscosity at t A	ft <sup>2</sup> /s 1.082E-5

### Pump

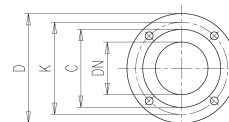
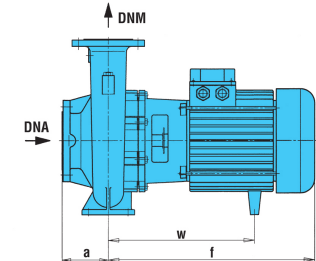
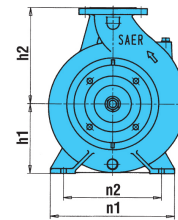
Pump name	6IR4P 50-125A		
Size	65/50/125		
Design			
Speed rpm	1800	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	198
	Min-	US g.p.m.	52.8
Head	Nominal	ft	
	Max-	ft	31.8
	Min-	ft	13.1
Head H(Q=0)	ft	32.7	
NPSH 3%	ft		
Max. working pressure	psi	14.1	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	1.3688	

### Materials Pump

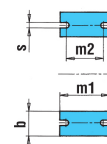
Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Cast iron EN-GJL-250
Pump body	Cast iron EN-GJL-250
Seal disc	Cast iron EN-GJL-250
Gasket	Natural fiber
Mechanical seal	BVEG (Grafito/Ossido Allumina/EPDM)

### Dimensions in inch

a	3 <sup>15</sup> / <sub>16</sub>
b	1 <sup>15</sup> / <sub>16</sub>
DNA	2 <sup>9</sup> / <sub>16</sub>
DNM	1 <sup>15</sup> / <sub>16</sub>
f	
f	13 <sup>7</sup> / <sub>16</sub>
h1	5 <sup>3</sup> / <sub>16</sub>
h2	6 <sup>5</sup> / <sub>16</sub>
m1	3 <sup>15</sup> / <sub>16</sub>
m2	2 <sup>3</sup> / <sub>4</sub>
n1	9 <sup>7</sup> / <sub>16</sub>
n2	7 <sup>1</sup> / <sub>2</sub>
s	9 <sup>1</sup> / <sub>16</sub>
w	
w	9 <sup>9</sup> / <sub>16</sub>



C	4	C	4 <sup>13</sup> / <sub>16</sub>
D	6 <sup>1</sup> / <sub>2</sub>	D	7 <sup>5</sup> / <sub>16</sub>
DN	1 <sup>15</sup> / <sub>16</sub>	DN	2 <sup>9</sup> / <sub>16</sub>
K	4 <sup>15</sup> / <sub>16</sub>	K	5 <sup>1</sup> / <sub>16</sub>
n°	3 <sup>1</sup> / <sub>16</sub>	n°	3 <sup>1</sup> / <sub>16</sub>
ø n	3 <sup>1</sup> / <sub>4</sub>	ø n	3 <sup>1</sup> / <sub>4</sub>



<b>Motor</b>	Frame size	90 S		
Manufacturer / Type	SAER	MEC90S-4P-1.1		
Rated power	hp	1.4751	Efficiency 4/4	79.5 %
Electric current	A	16/8 A	Speed rpm	1800
Electric voltage	V	115/230V	1~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

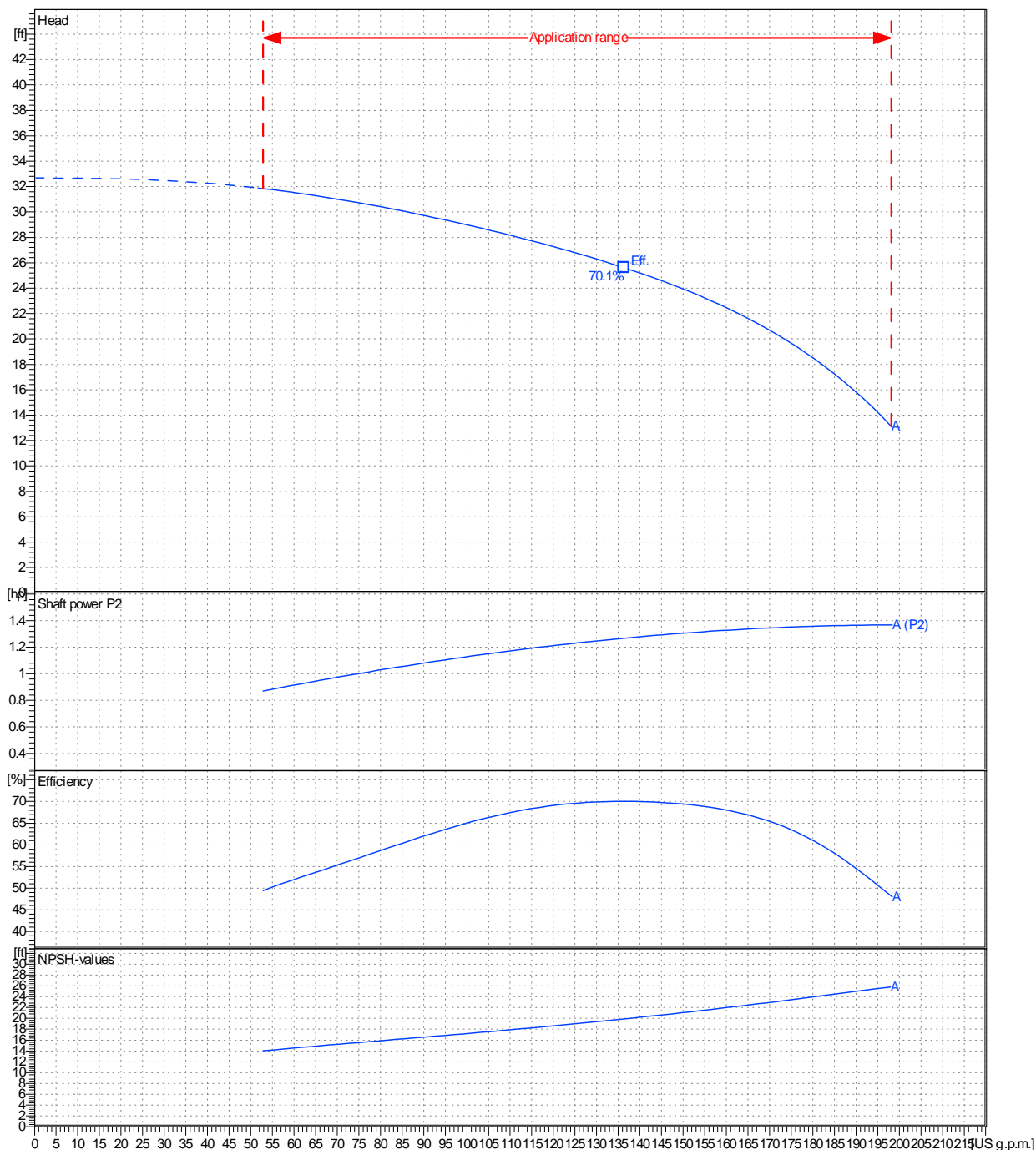
Remarks:

Project	Project ID	Created by	Created on	Last update
			8/10/2022	

<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
			Sense of rotation
			Outlet width
Pump data	US g.p.m.	ft	DN 50
	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
	52.8 198 136	32.7 25.6	1.37 1.27
			Speed rpm 1800
			Frequency Hz 60 Hz

 Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft<sup>3</sup>; 1.08E-5ft<sup>2</sup>/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
			<b>8/10/2022</b>	

