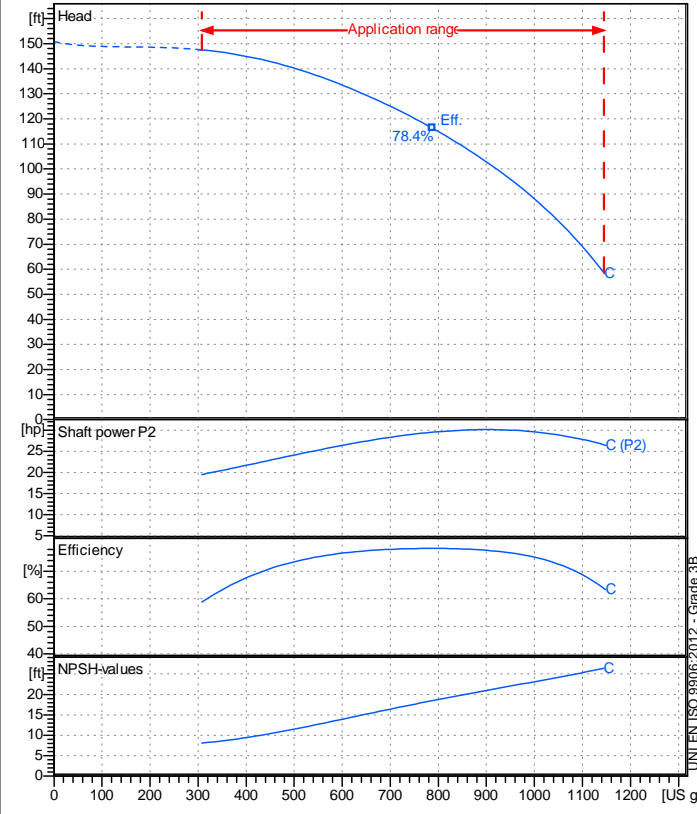


Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address

Receiver	From



### 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	6MG2 80-160 C	
Size	50/32/200	
Design		
Speed rpm	3600	
No of stages	1	
Impeller type		
Flow	Nominal	US g.p.m.
	Max-	US g.p.m. 1150
	Min-	US g.p.m. 308
Head	Nominal	ft
	Max-	ft 148
	Min-	ft 58.2
Head H(Q=0)	ft 151	
NPSH 3%	ft	
Max. working pressure	psi 65.3	
Shaft power	hp	
Efficiency	%	
Max absorbed power	hp 30.142	

### 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	4 <sup>15</sup> / <sub>16</sub>	z1	10 <sup>1</sup> / <sub>4</sub>
b	2 <sup>9</sup> / <sub>16</sub>	z2	8 <sup>1</sup> / <sub>2</sub>
d	14	*	4
DNA	3 <sup>15</sup> / <sub>16</sub>		
DNM	3 <sup>1</sup> / <sub>8</sub>		
h1	7 <sup>1</sup> / <sub>16</sub>		
h2	8 <sup>7</sup> / <sub>8</sub>		
l	42 <sup>5</sup> / <sub>16</sub>		
m1	4 <sup>15</sup> / <sub>16</sub>		
m2	3 <sup>3</sup> / <sub>4</sub>		
n1	12 <sup>5</sup> / <sub>8</sub>		
n2	9 <sup>13</sup> / <sub>16</sub>		
s	9 <sup>9</sup> / <sub>16</sub>		
w	17 <sup>15</sup> / <sub>16</sub>		
x1	12 <sup>5</sup> / <sub>8</sub>		
x2	11		



C	5 <sup>7</sup> / <sub>16</sub>	C	6 <sup>1</sup> / <sub>4</sub>
D	7 <sup>7</sup> / <sub>8</sub>	D	8 <sup>11</sup> / <sub>16</sub>
DN	3 <sup>3</sup> / <sub>8</sub>	DN	3 <sup>15</sup> / <sub>16</sub>
K	6 <sup>9</sup> / <sub>16</sub>	K	7 <sup>1</sup> / <sub>16</sub>
n°	3 <sup>9</sup> / <sub>16</sub>	n°	5 <sup>9</sup> / <sub>16</sub>
ø n	3 <sup>3</sup> / <sub>4</sub>	ø n	3 <sup>3</sup> / <sub>4</sub>

<b>Motor</b>	Frame size	180 M		
Manufacturer / Type	SAER	MEC180M-2P-22		
Rated power	hp	29.502	Efficiency 4/4	89.5 %
Electric current	A	35	Speed	rpm 3600
Electric voltage	V	460 V	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>2022-09-19</b>	

Receiver \_\_\_\_\_

From \_\_\_\_\_

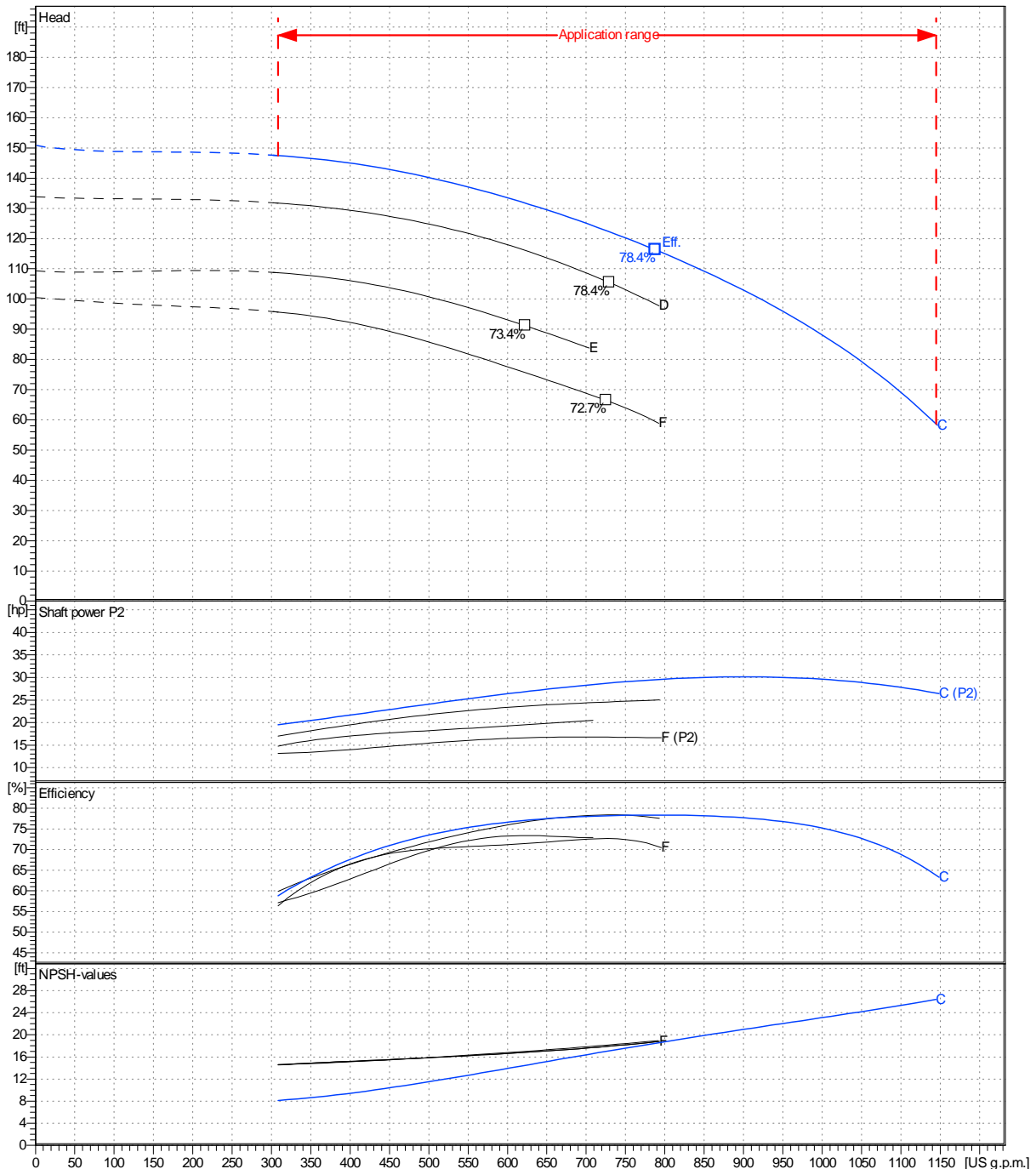
 Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address

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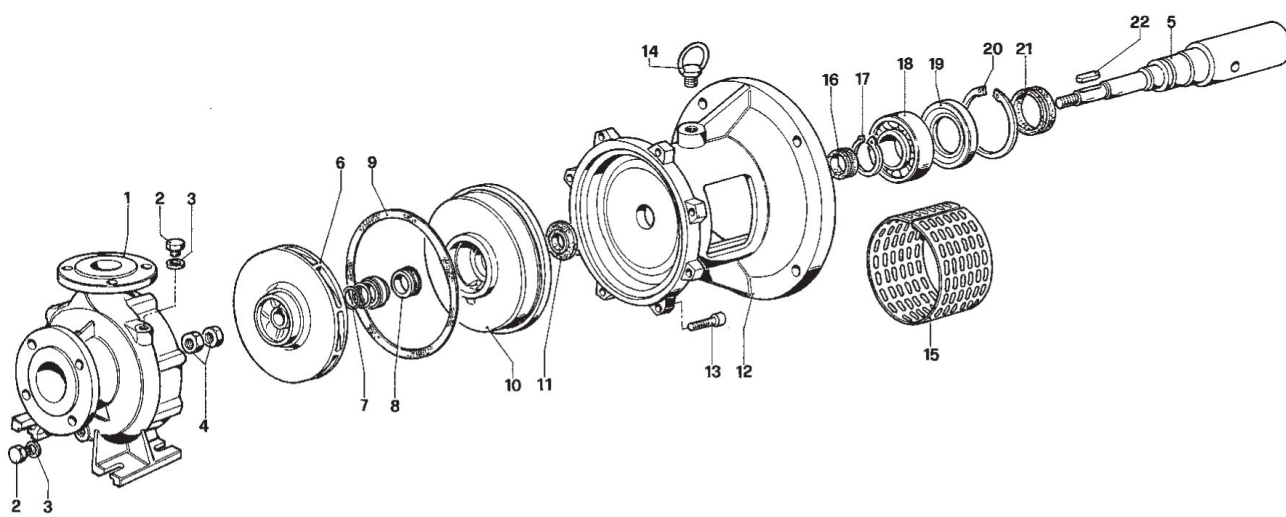
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction Closed
Pump data	US g.p.m.	ft	Sense of rotation Clockwise f from the drive end
	US g.p.m.	ft	Outlet width DN 80
	Flow	Head	Shaft power P2
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ Max.
	US g.p.m. US g.p.m. US g.p.m.	ft ft	hp hp hp
	308 1140 788	151 116	30.1 29.5
			Speed rpm 3600
			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 <b>2022-09-19</b>	Last update
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Company name  
Respons. Department  
Person in charge  
Phone number  
Fax no  
E-mail address

Project

Project ID

Created by

Created on  
**2022-09-19**

Last update