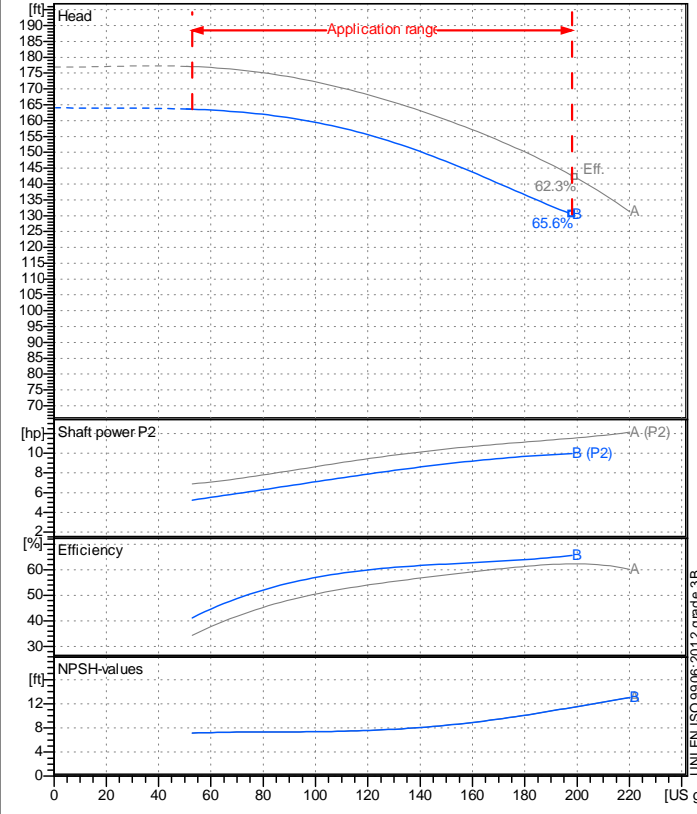


Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address

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		6IR40-160NB	
Pump name	6IR40-160NB		
Size	65/40/160		
Design			
Speed rpm	3600	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m. 0	
	Max-	US g.p.m. 198	
	Min-	US g.p.m. 52.8	
Head	Nominal	ft 0	
	Max-	ft 164	
	Min-	ft 130	
Head H(Q=0)	ft 164		
NPSH 3%	ft 0		
Max. working pressure	psi 71		
Shaft power	hp 9.9527		
Efficiency	%		
Max absorbed power	hp 9.9527		

### 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	112 M		
Manufacturer / Type	SAER	MEC112M-2P-7.5		
Rated power	hp	10.058	Efficiency 4/4	87 %
Electric current	A	12.4 A	Speed rpm	3600
Electric voltage	V	460V	3~ Hz	60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

### Dimensions in inch

<p>a 3<sup>9</sup>/<sub>16</sub>          b 1<sup>5</sup>/<sub>16</sub>          DNA 2<sup>9</sup>/<sub>16</sub>          DNM 1<sup>9</sup>/<sub>16</sub>          f 16<sup>11</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>9</sup>/<sub>16</sub>          w 12<sup>1</sup>/<sub>4</sub></p>	
---	--

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

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

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

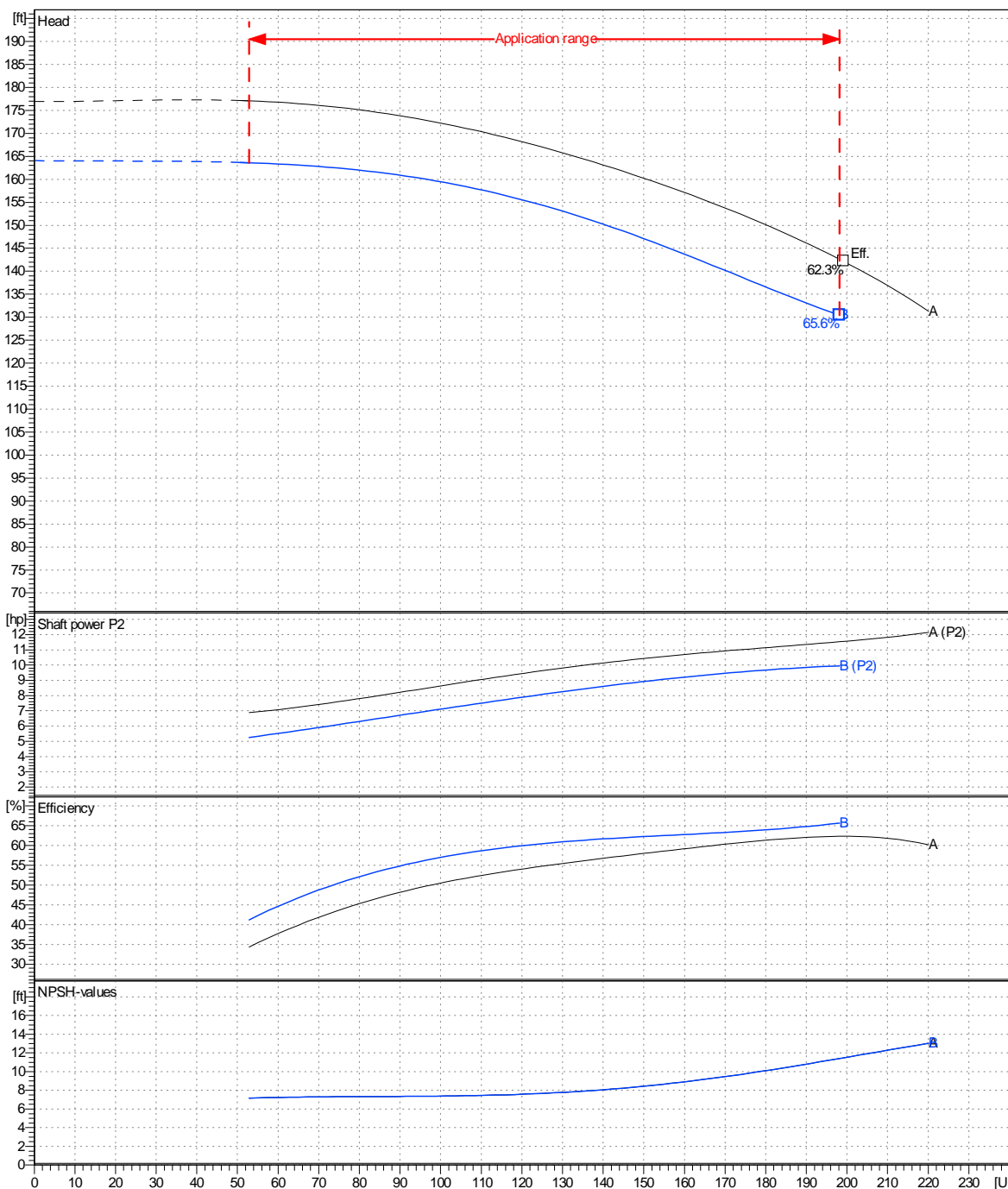
Outlet width

DN 40

	Flow			Head		Shaft power P2			Speed	rpm	3600
	Min.	Max.	$\eta$ Max.	H(Q=0)	$\eta$ Max.	P2(Q=0)	Max.	$\eta$ Max.	Frequency	Hz	60 Hz
	US g.p.m.	US g.p.m.	US g.p.m.	ft	ft	hp	hp	hp			
	52.8	198	198	164	130		9.95	9.95			

 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



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