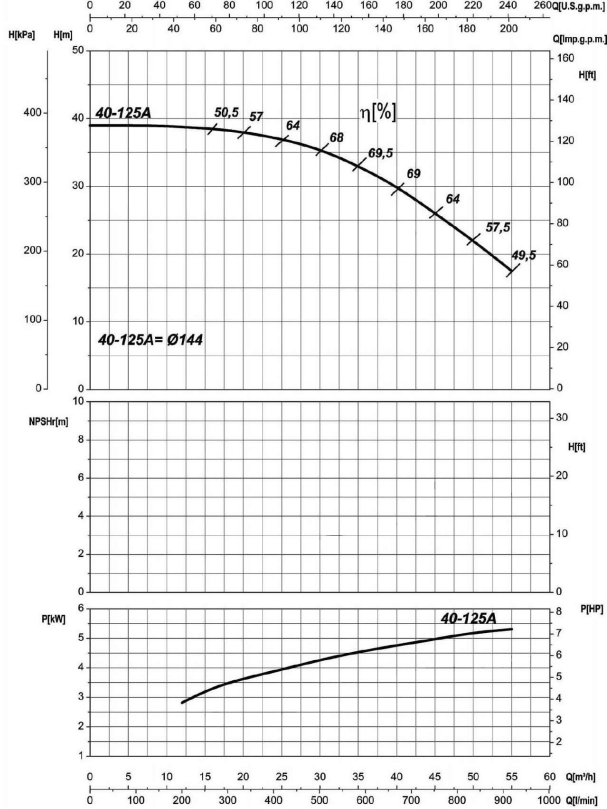


Receiver

From

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


UNI EN ISO 9906-A



### 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	6IR40-125A	
Size	65/40/125	
Design		
Speed rpm	3600	No of stages 1
Impeller type		
Flow	Nominal	US g.p.m.
	Max-	US g.p.m. 242
	Min-	US g.p.m. 52.8
Head	Nominal	ft
	Max-	ft 127
	Min-	ft 58
Head H(Q=0)	ft 128	
NPSH 3%	ft	
Max. working pressure	psi 55.5	
Shaft power	hp	
Efficiency	%	
Max absorbed power	hp 7.0971	

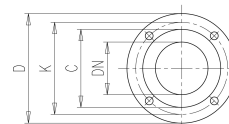
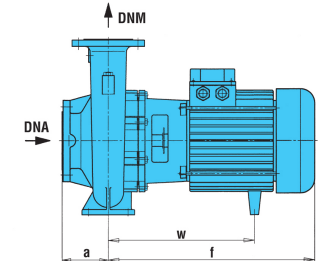
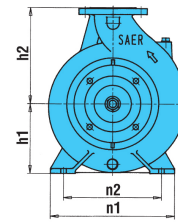
### Materials Pump

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)		

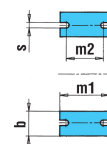
<b>Motor</b>	Frame size	112 M		
Manufacturer / Type	SAER	MEC112M-2P-5.5		
Rated power	hp	7.3756	Efficiency 4/4	86 %
Electric current	A	22 A	Speed rpm	3600
Electric voltage	V	230V	3~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

### Dimensions in inch

- a 3<sup>1</sup>/<sub>8</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 4<sup>7</sup>/<sub>16</sub>
- h2 5<sup>1</sup>/<sub>2</sub>
- m1 3<sup>3</sup>/<sub>16</sub>
- m2 2<sup>3</sup>/<sub>4</sub>
- n1 8<sup>1</sup>/<sub>4</sub>
- n2 6<sup>5</sup>/<sub>16</sub>
- s 9<sup>1</sup>/<sub>16</sub>
- w 12<sup>1</sup>/<sub>4</sub>



- C 3<sup>3</sup>/<sub>16</sub>
- D 5<sup>7</sup>/<sub>16</sub>
- DN 1<sup>9</sup>/<sub>16</sub>
- K 4<sup>5</sup>/<sub>16</sub>
- n° 3<sup>1</sup>/<sub>16</sub>
- Øn 3<sup>1</sup>/<sub>4</sub>
- C 4<sup>13</sup>/<sub>16</sub>
- D 7<sup>5</sup>/<sub>16</sub>
- DN 2<sup>9</sup>/<sub>16</sub>
- K 5<sup>11</sup>/<sub>16</sub>
- n° 3<sup>1</sup>/<sub>16</sub>
- Øn 3<sup>1</sup>/<sub>4</sub>



Remarks:

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

Receiver

From

 Company name  
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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 from the drive end

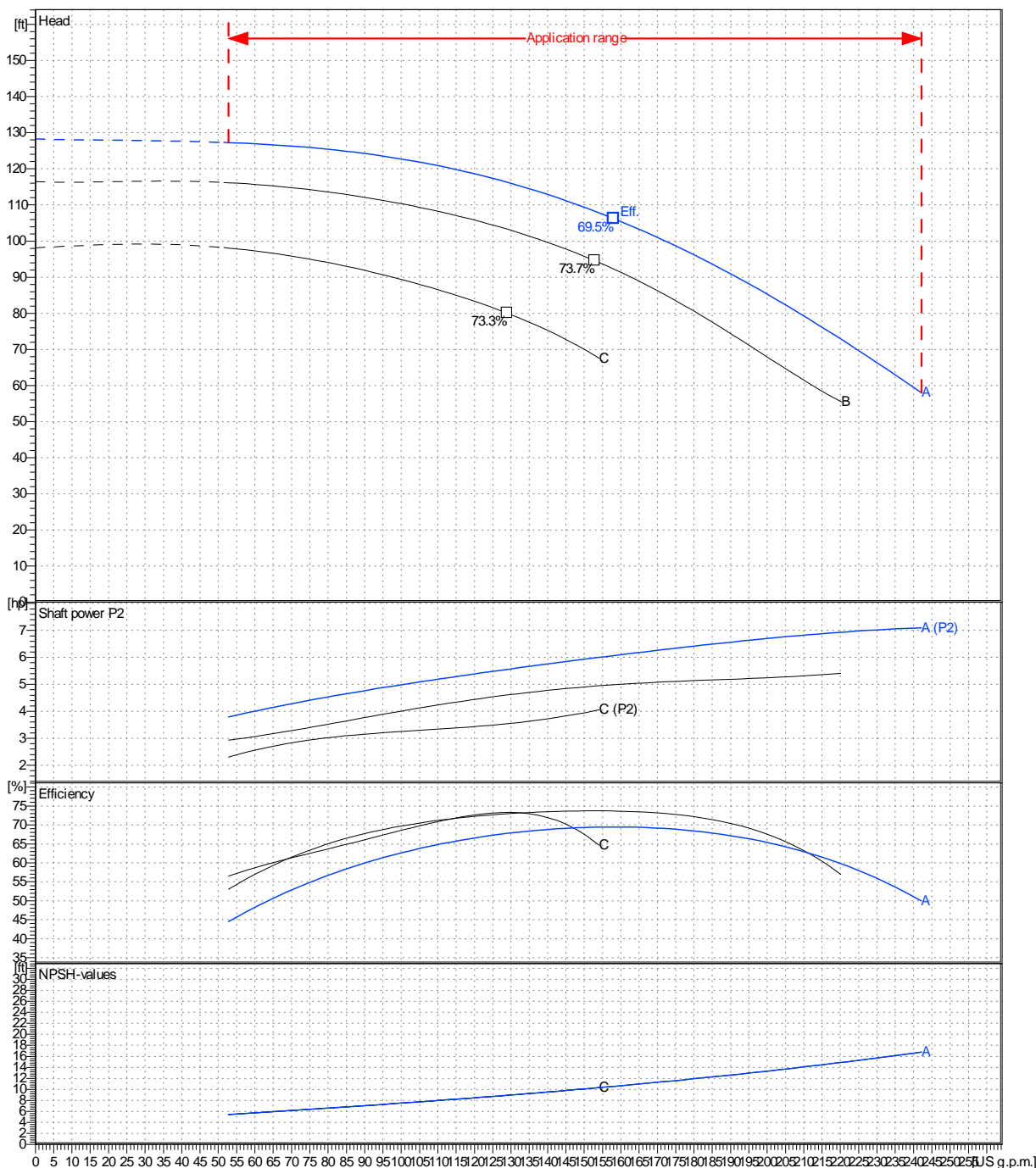
Outlet width

DN 40

	Flow			Head		Shaft power P2			Speed	
	Min.	Max.	$\eta$ Max.	H(Q=0)	$\eta$ Max.	P2(Q=0)	Max.	$\eta$ Max.	rpm	3600
	US g.p.m.	US g.p.m.	US g.p.m.	ft	ft	hp	hp	hp	Hz	60 Hz
	52.8	242	158	128	106		7.1	6.07		

 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

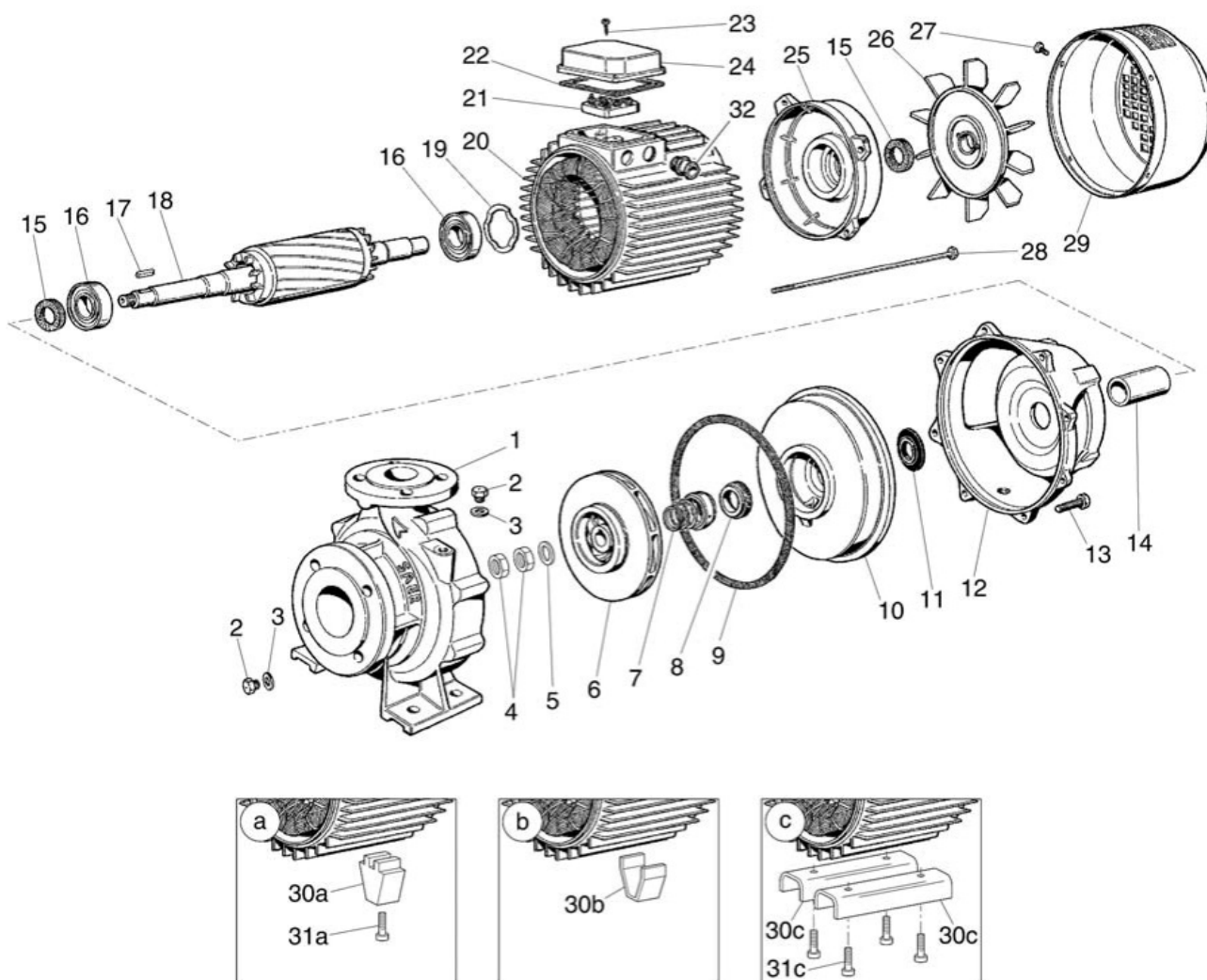
Created by

Created on

Last update

8/10/2022

Company name  
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Person in charge  
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Project

Project ID

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