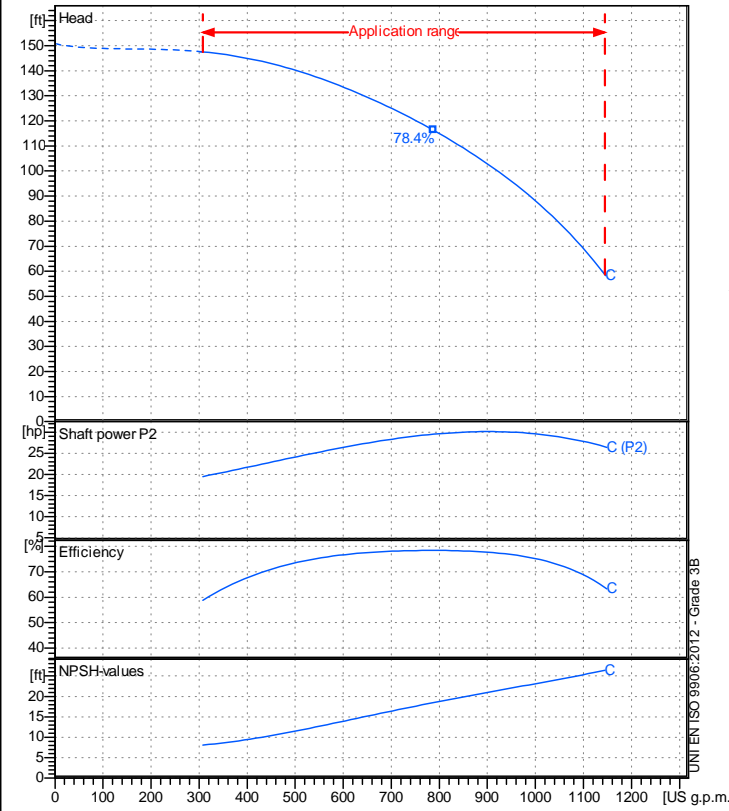


Receiver

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**

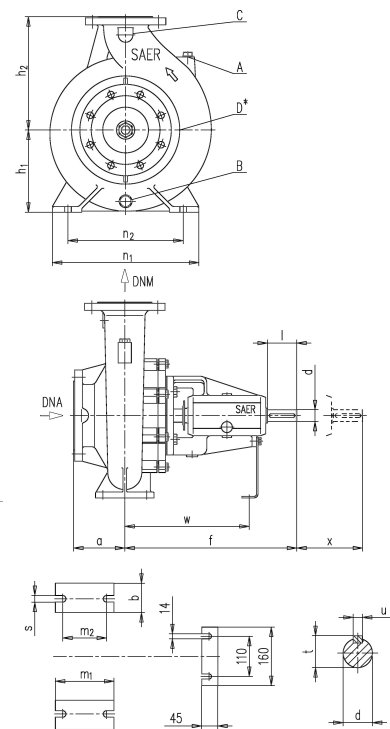
Pump name	NCB 80-160 C		
Size	100/80/160		
Design			
Speed rpm	3600	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	1150
	Min-	US g.p.m.	308
Head	Nominal	ft	
	Max-	ft	148
	Min-	ft	58.2
Head H(Q=0)			ft 151
NPSH 3%			ft
Max. working pressure			psi 65.3
Shaft power			hp
Efficiency			%
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		
Mech. seal EN 12756			
Seal face	Carbon graphite resin impreg.		
Seat	Alumina Oxide		
Rubber elements	EPDM Rubber		
Spring and metal bellows	Stainless steel AISI 316		
<b>Motor</b>	Frame size		
Manufacturer / Type			
Rated power	hp	Efficiency	4/4
Electric current	A	Speed	rpm
Electric voltage	V		Hz
Starting mode			
Degree of protection		Insulation class	

**Dimensions in inch**

a	4 <sup>15</sup> / <sub>16</sub>	n2	9 <sup>13</sup> / <sub>16</sub>
A	3/8"	s	9/16
B	3/8"	t	1 <sup>1</sup> / <sub>16</sub>
b	2 <sup>9</sup> / <sub>16</sub>	u	5/16
C	1/4"	w	10 <sup>1</sup> / <sub>4</sub>
d k6	1 <sup>5</sup> / <sub>16</sub>	x	5 <sup>1</sup> / <sub>2</sub>
D	1/4"		
DNA	DN 100		
DNM	DN 80		
f	14 <sup>3</sup> / <sub>16</sub>		
h1	7 <sup>1</sup> / <sub>16</sub>		
h2	8 <sup>7</sup> / <sub>8</sub>		
l	1 <sup>15</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>		



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

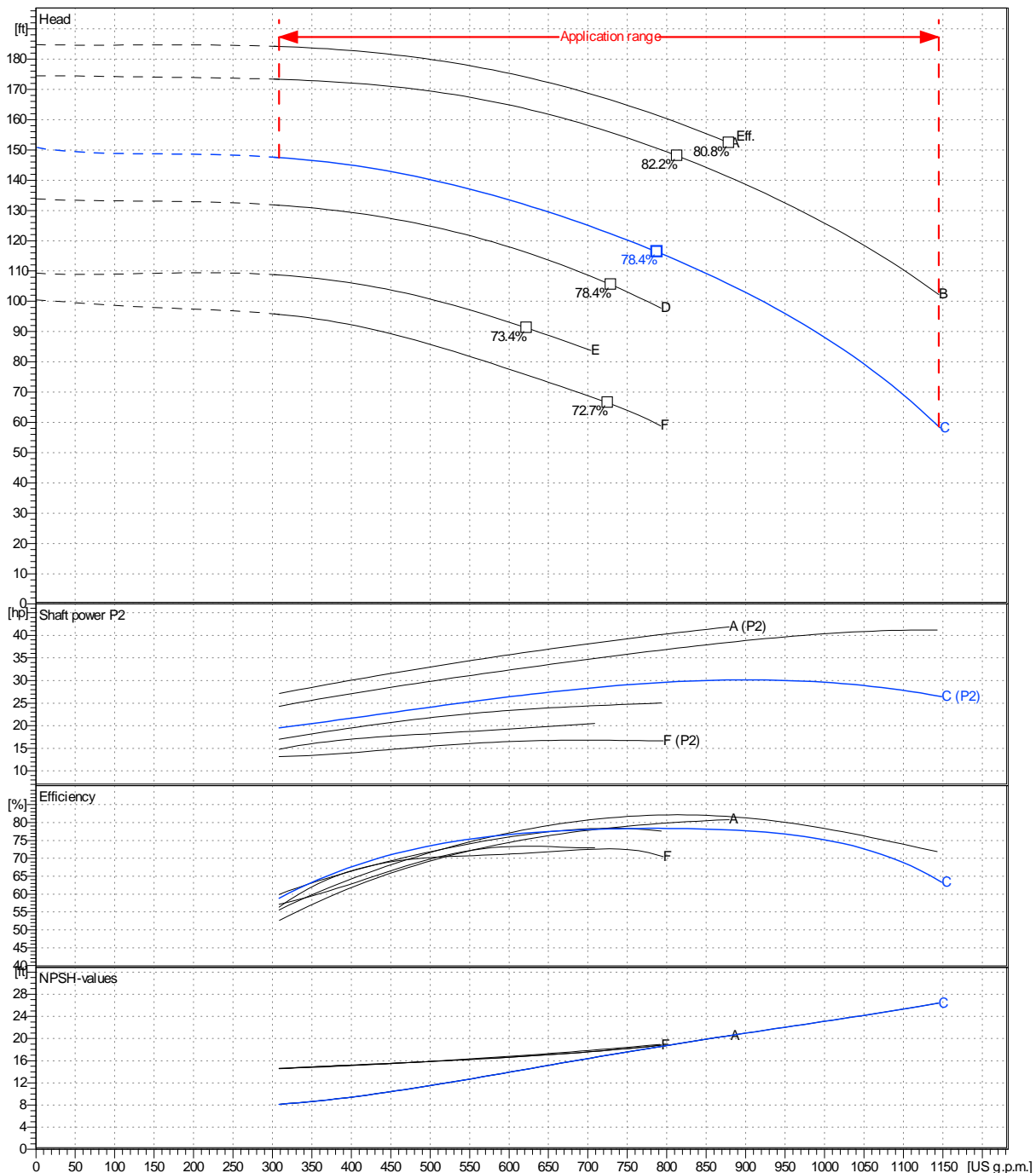
Remarks:

Project	Project ID	Created by	Created on	Last update
			2022-08-31	

<b>Receiver</b>	<b>From</b>
Company name	
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	

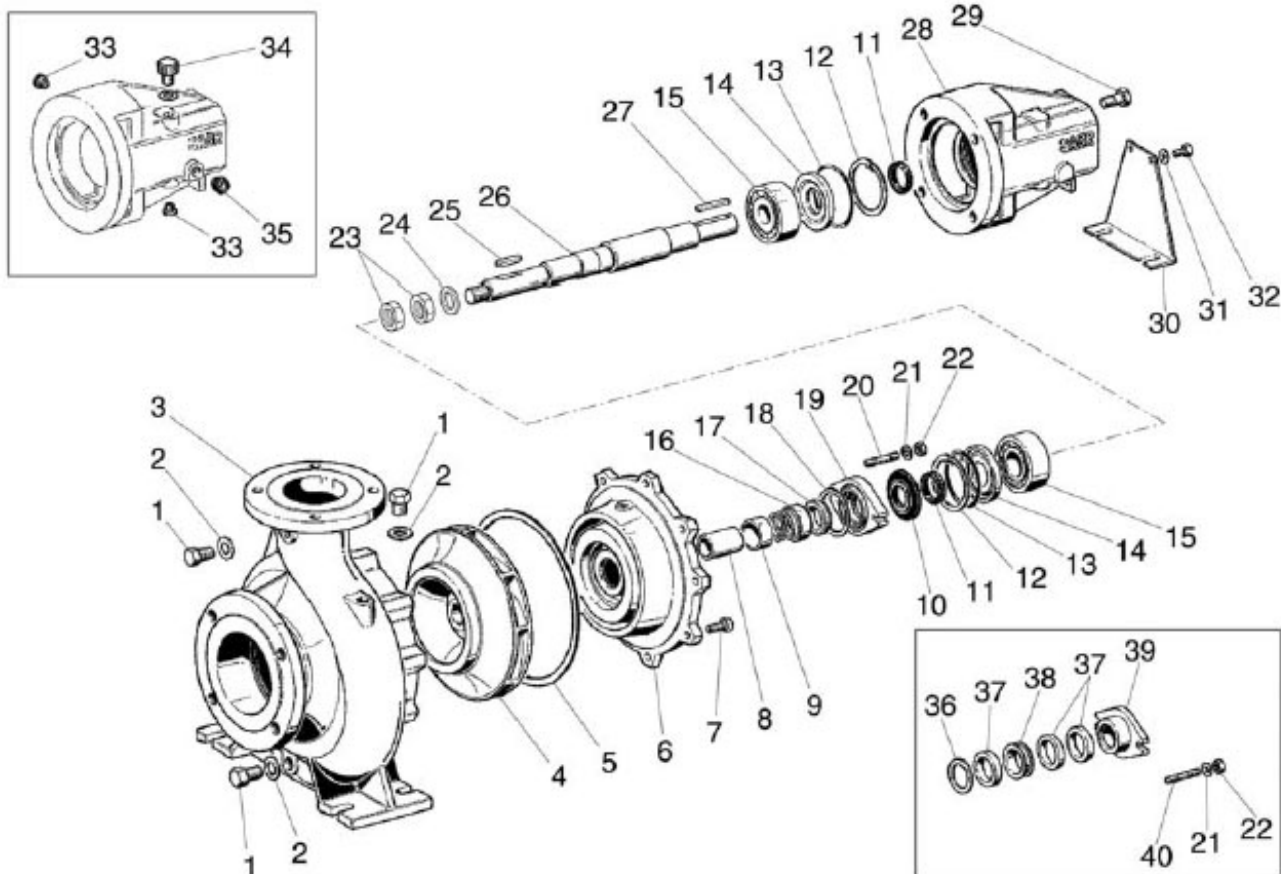
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction
			Closed
			Sense of rotation
			Clockwise from the drive end
Pump data	US g.p.m.	ft	Outlet width
			DN 80
	Flow	Head	Shaft power P2
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ 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

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
			2022-08-31	

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



Project

Project ID

Created by

Created on  
**2022-08-31**

Last update