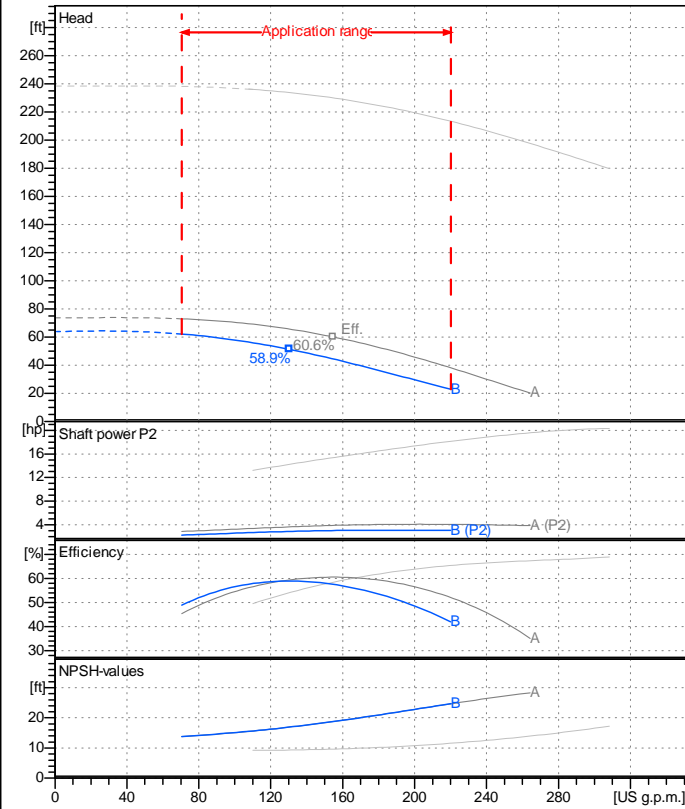


Receiver

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/ft³ 62.32
Kin. viscosity at t A	ft²/s 1.082E-5

**Pump**

Pump name	NCB 50-200 B		
Size	65/50/200		
Design			
Speed rpm	1800	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	220
	Min-	US g.p.m.	70.4
Head	Nominal	ft	
	Max-	ft	62.2
	Min-	ft	23
Head H(Q=0)	ft 63.9		
NPSH 3%	ft		
Max. working pressure	psi 27.7		
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp 3.0921		

**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	3 <sup>15</sup> / <sub>16</sub>	n2	8 <sup>3</sup> / <sub>8</sub>
A	3/8"	s	9/16
B	3/8"	t	1 <sup>1</sup> / <sub>16</sub>
b	1 <sup>5</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	3 <sup>15</sup> / <sub>16</sub>
D	3/8"		
DNA	DN 65		
DNM	DN 50		
f	14 <sup>3</sup> / <sub>16</sub>		
h1	6 <sup>5</sup> / <sub>16</sub>		
h2	7 <sup>7</sup> / <sub>8</sub>		
l	1 <sup>15</sup> / <sub>16</sub>		
m1	3 <sup>3</sup> / <sub>16</sub>		
m2	2 <sup>3</sup> / <sub>4</sub>		
n1	10 <sup>7</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>5</sup> / <sub>16</sub>	DN	2 <sup>3</sup> / <sub>16</sub>
K	4 <sup>15</sup> / <sub>16</sub>	K	5 <sup>1</sup> / <sub>16</sub>
n°	3/16	n°	3/16
ø n	3/4	ø n	3/4

Remarks:

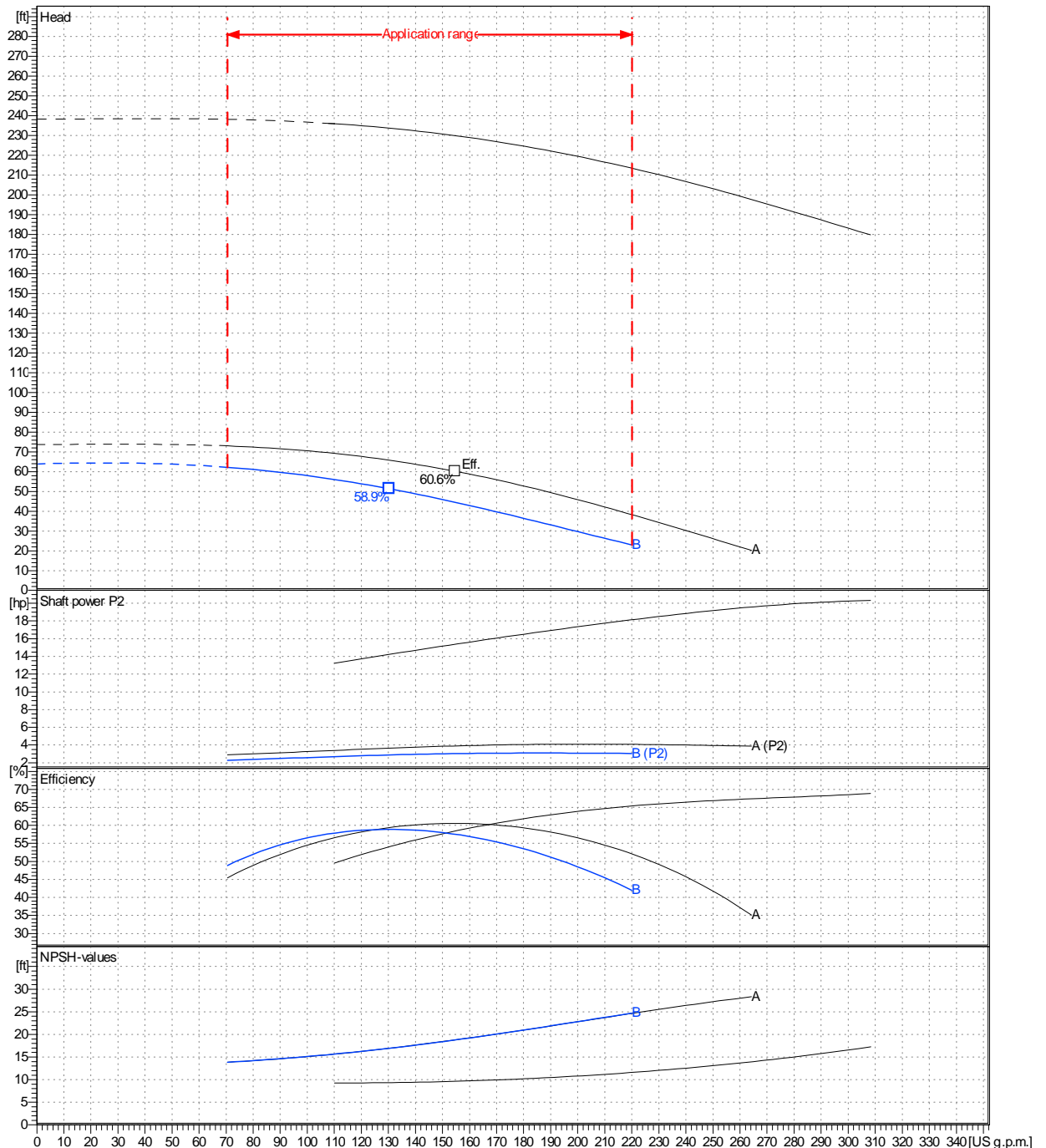
Project	Project ID	Created by	Created on	Last update
			2025-01-22	

<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 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
	70.4 220 130	63.9 51.4	3.09 2.88
			Speed rpm 1800
			Frequency Hz

Performance data based to: Water, pure [100%] ; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
			2025-01-22	

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



