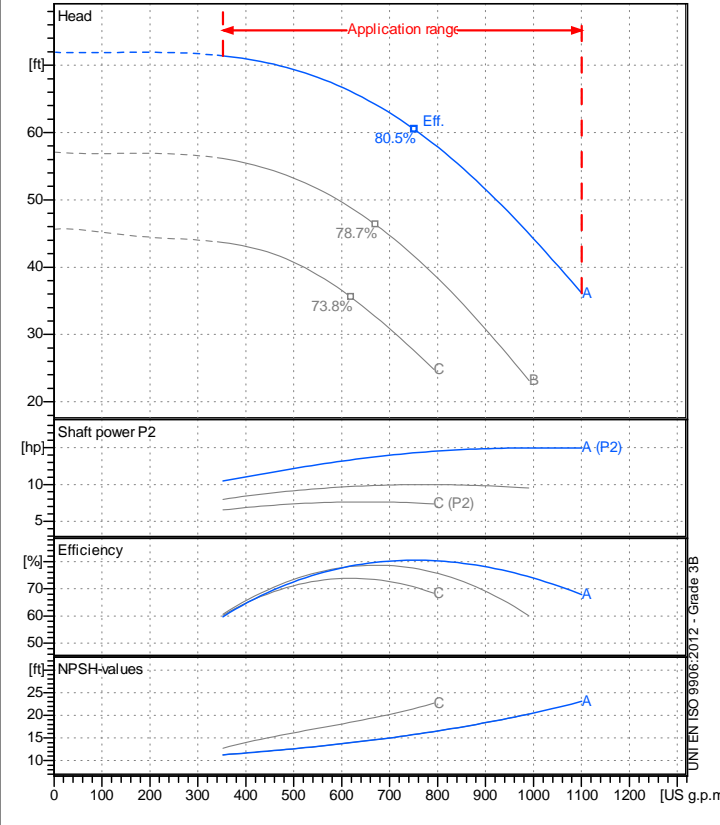


Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address

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		NCB 100-200 A	
Size		125/100/200	
Design		No of stages	1
Speed	rpm 1800		
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	1100
	Min-	US g.p.m.	352
Head	Nominal	ft	
	Max-	ft	71.4
	Min-	ft	36.1
Head H(Q=0)	ft	71.9	
NPSH 3%	ft		
Max. working pressure	psi	31.1	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	14.957	

### 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	11
A	3 <sup>8</sup> / <sub>8</sub> "	s	1 <sup>1</sup> / <sub>16</sub>
B	3 <sup>8</sup> / <sub>8</sub> "	t	1 <sup>3</sup> / <sub>8</sub>
b	3 <sup>1</sup> / <sub>8</sub>	u	3 <sup>3</sup> / <sub>8</sub>
C	3 <sup>8</sup> / <sub>8</sub> "	w	13 <sup>3</sup> / <sub>8</sub>
d k6	1 <sup>1</sup> / <sub>4</sub>	x	5 <sup>1</sup> / <sub>2</sub>
D	1 <sup>1</sup> / <sub>4</sub> "		
DNA	DN 125		
DNM	DN 100		
f	18 <sup>1</sup> / <sub>2</sub>		
h1	7 <sup>7</sup> / <sub>8</sub>		
h2	11		
l	3 <sup>1</sup> / <sub>8</sub>		
m1	6 <sup>5</sup> / <sub>16</sub>		
m2	4 <sup>3</sup> / <sub>4</sub>		
n1	14 <sup>3</sup> / <sub>16</sub>		

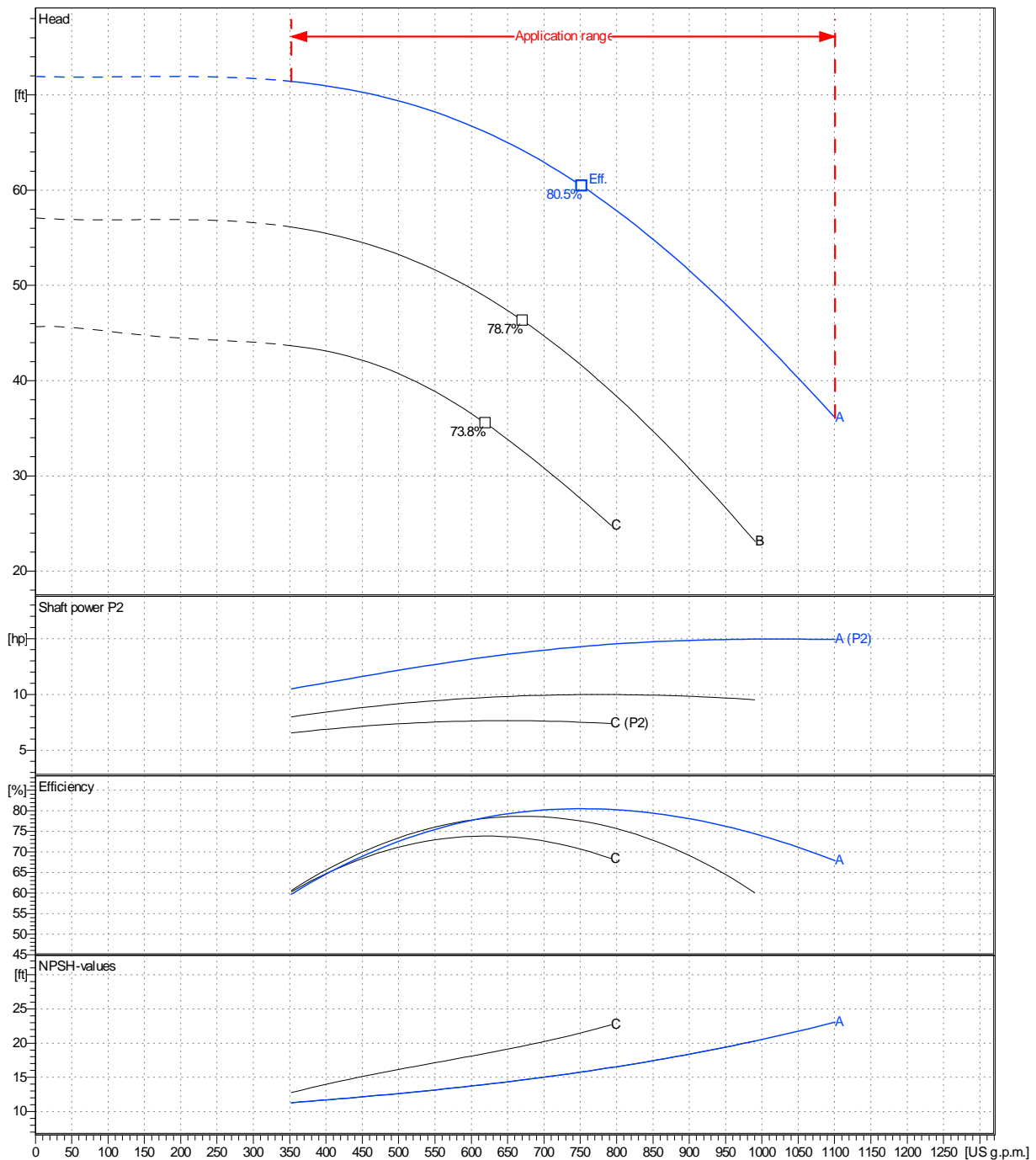
C	6 <sup>1</sup> / <sub>4</sub>	C	7 <sup>3</sup> / <sub>8</sub>
D	8 <sup>11</sup> / <sub>16</sub>	D	9 <sup>13</sup> / <sub>16</sub>
DN	3 <sup>5</sup> / <sub>16</sub>	DN	4 <sup>5</sup> / <sub>16</sub>
K	7 <sup>1</sup> / <sub>16</sub>	K	8 <sup>1</sup> / <sub>4</sub>
n°	5 <sup>1</sup> / <sub>16</sub>	n°	5 <sup>1</sup> / <sub>16</sub>
ø n	3 <sup>1</sup> / <sub>4</sub>	ø n	3 <sup>1</sup> / <sub>4</sub>

Remarks:			
Project	Project ID	Created by	Created on
			<b>2025-01-22</b>
			Last update

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

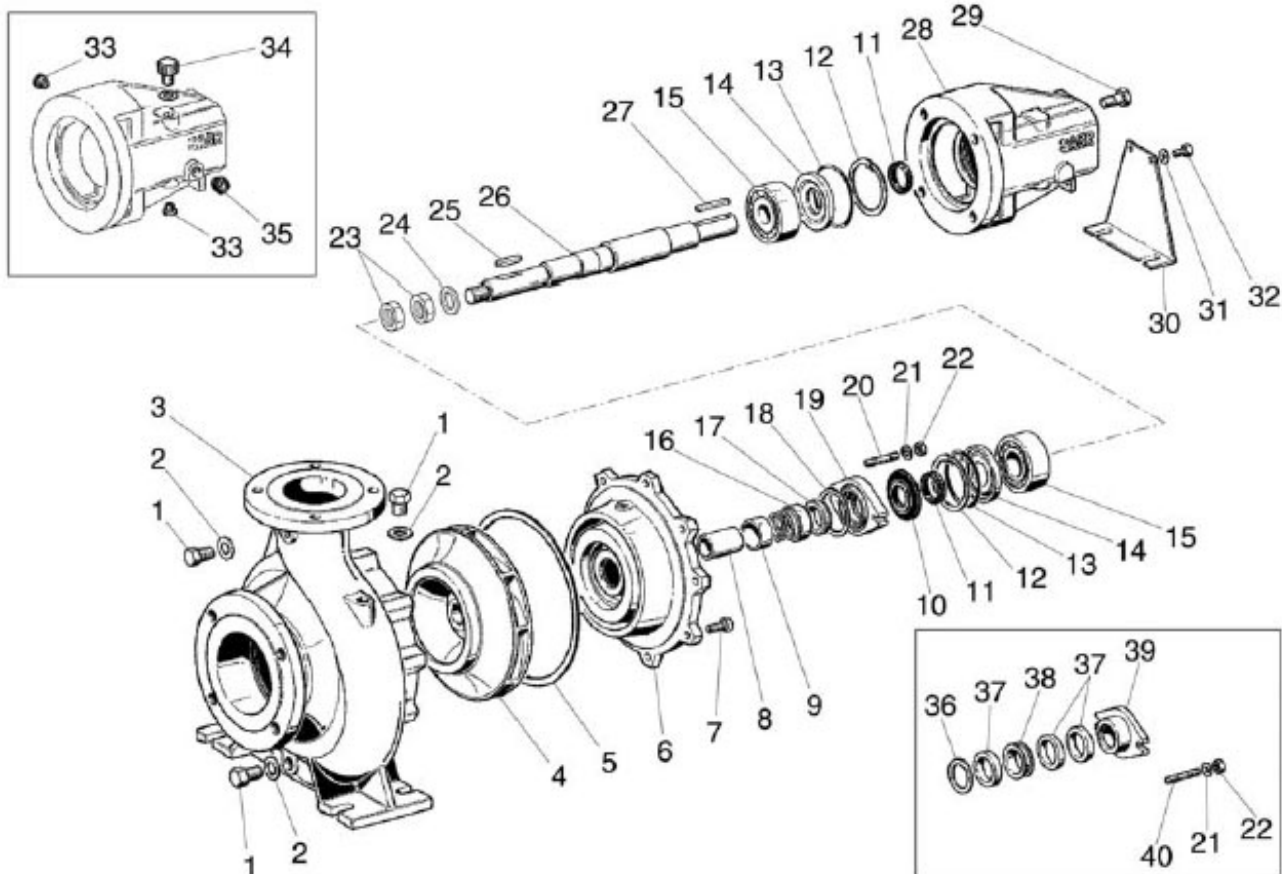
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction
			Closed
			Sense of rotation
			Clockwise from the drive end
Pump data	US g.p.m.	ft	Outlet width
			DN 100
	Flow	Head	Shaft power P2
	Speed		rpm
			1800
	Frequency		Hz
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ Max.
	US g.p.m. US g.p.m. US g.p.m.	ft ft	hp hp hp
	352 1100 752	71.9 60.4	15 14.3

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
			2025-01-22	

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



Project

Project ID

Created by

Created on  
2025-01-22

Last update