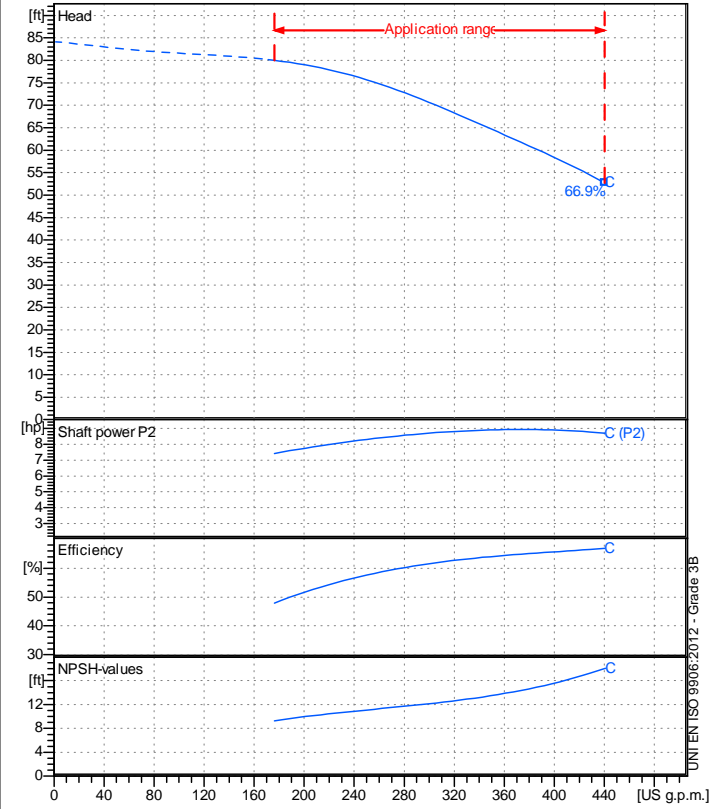


Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address

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 65-125 C	
Size	80/65/125	
Design		
Speed rpm	3600	
No of stages	1	
Impeller type		
Flow	Nominal	US g.p.m.
	Max-	US g.p.m. 440
	Min-	US g.p.m. 176
Head	Nominal	ft
	Max-	ft 80
	Min-	ft 52.7
Head H(Q=0)	ft 84.2	
NPSH 3%	ft	
Max. working pressure	psi 36.4	
Shaft power	hp	
Efficiency	%	
Max absorbed power	hp 8.9261	

### 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	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	3 <sup>15</sup> / <sub>16</sub>
D	3/8"		
DNA	DN 80		
DNM	DN 65		
f	14 <sup>3</sup> / <sub>16</sub>		
h1	6 <sup>5</sup> / <sub>16</sub>		
h2	7 <sup>1</sup> / <sub>16</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	11		

C	4 <sup>15</sup> / <sub>16</sub>	C	5/16
D	7 <sup>5</sup> / <sub>16</sub>	D	7/16
DN	2 <sup>9</sup> / <sub>16</sub>	DN	3/16
K	5 <sup>11</sup> / <sub>16</sub>	K	6 <sup>5</sup> / <sub>16</sub>
n°	3/16	n°	3/16
ø n	3/4	ø n	3/4

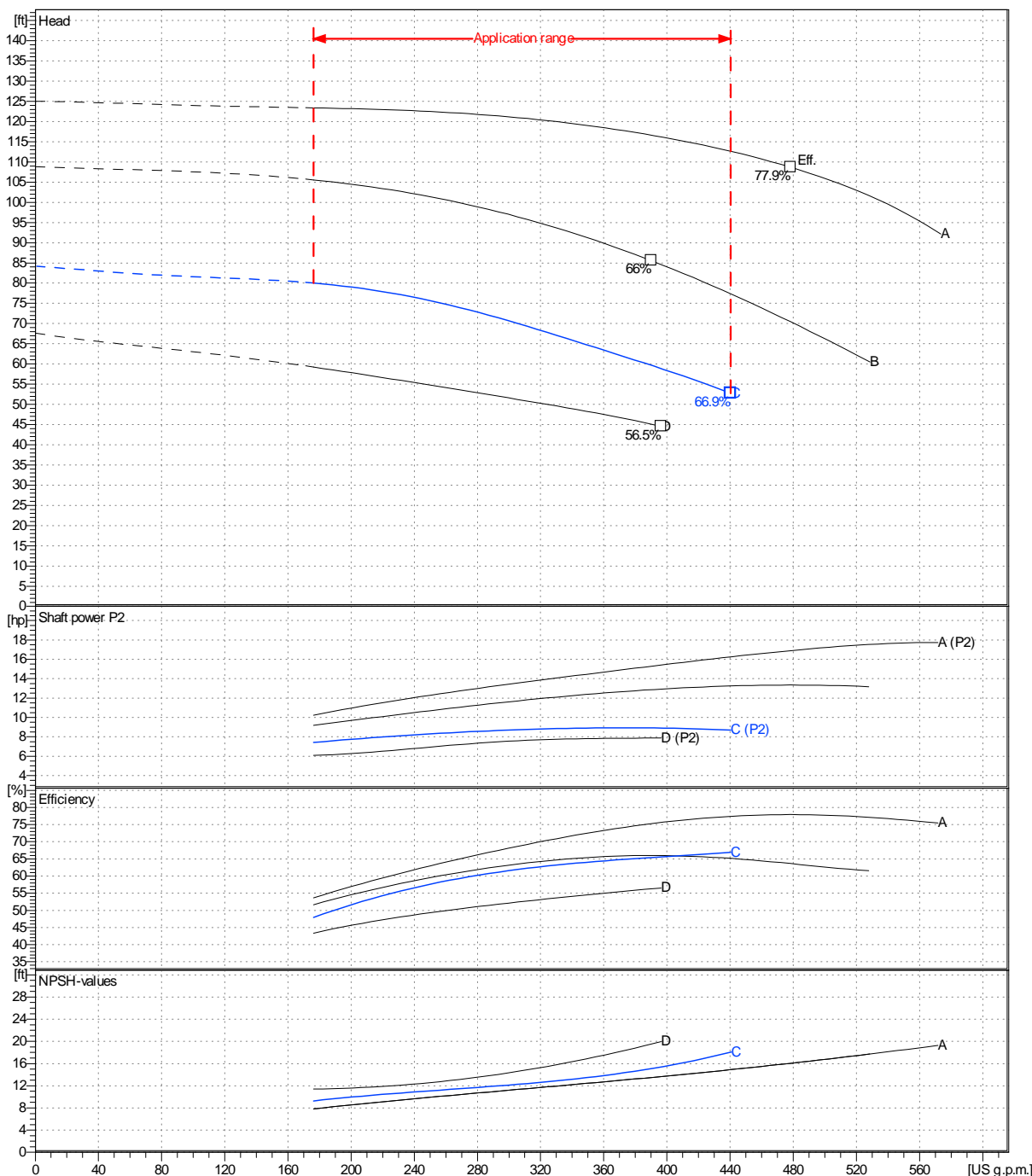
Remarks:			
Project	Project ID	Created by	Created on
			<b>2022-08-31</b>
			Last update

	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	Closed
Pump data	US g.p.m.	ft	Sense of rotation
			Clockwise from the drive end
			Outlet width
			DN 65
	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
	176 440 440	84.2 52.7	8.93 8.7
			Speed rpm 3600
			Frequency Hz

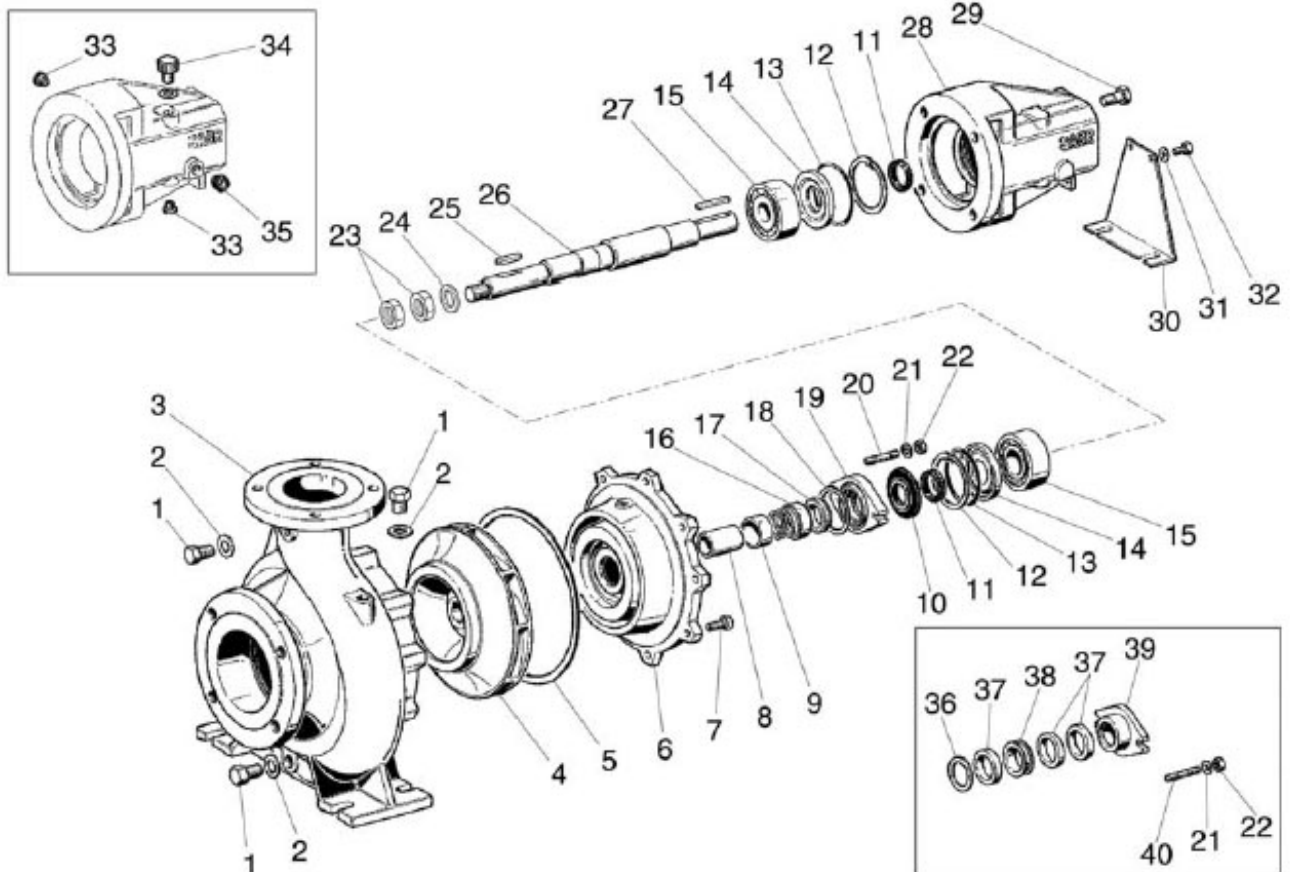
Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft<sup>3</sup>; 1.08E-5ft<sup>2</sup>/s

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