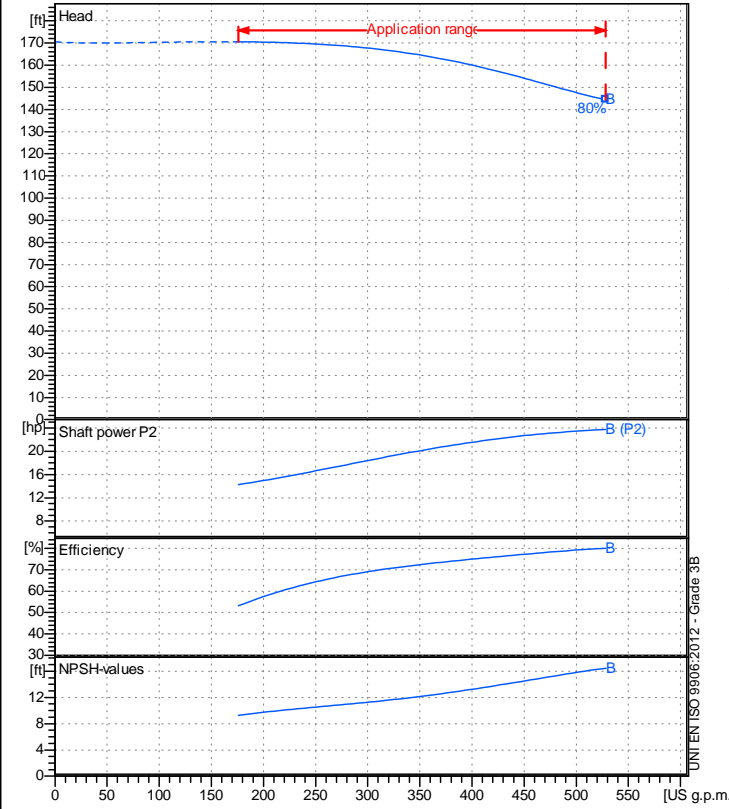


Receiver

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 65-160 B	
Size		80/65/160	
Design			
Speed rpm	3600	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	528
	Min-	US g.p.m.	176
Head	Nominal	ft	
	Max-	ft	171
	Min-	ft	144
Head H(Q=0)		ft	171
NPSH 3%		ft	
Max. working pressure		psi	73.8
Shaft power		hp	
Efficiency		%	
Max absorbed power		hp	23.734

**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**

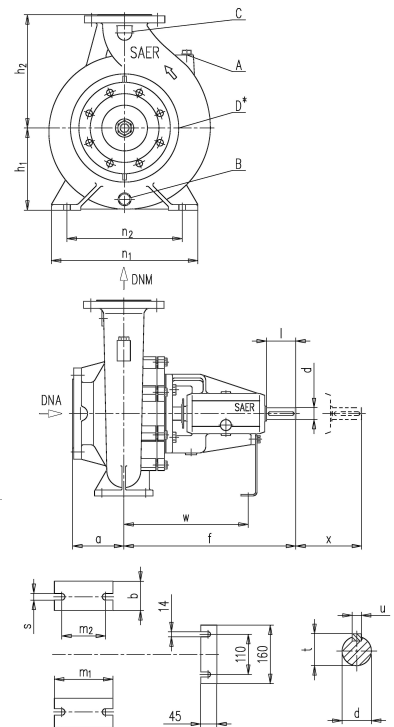
Seal face	Carbon graphite resin impreg.
Seat	Alumina Oxide
Rubber elements	EPDM Rubber
Spring and metal bellows	Stainless steel AISI 316

<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	

Remarks:

**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>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	11		

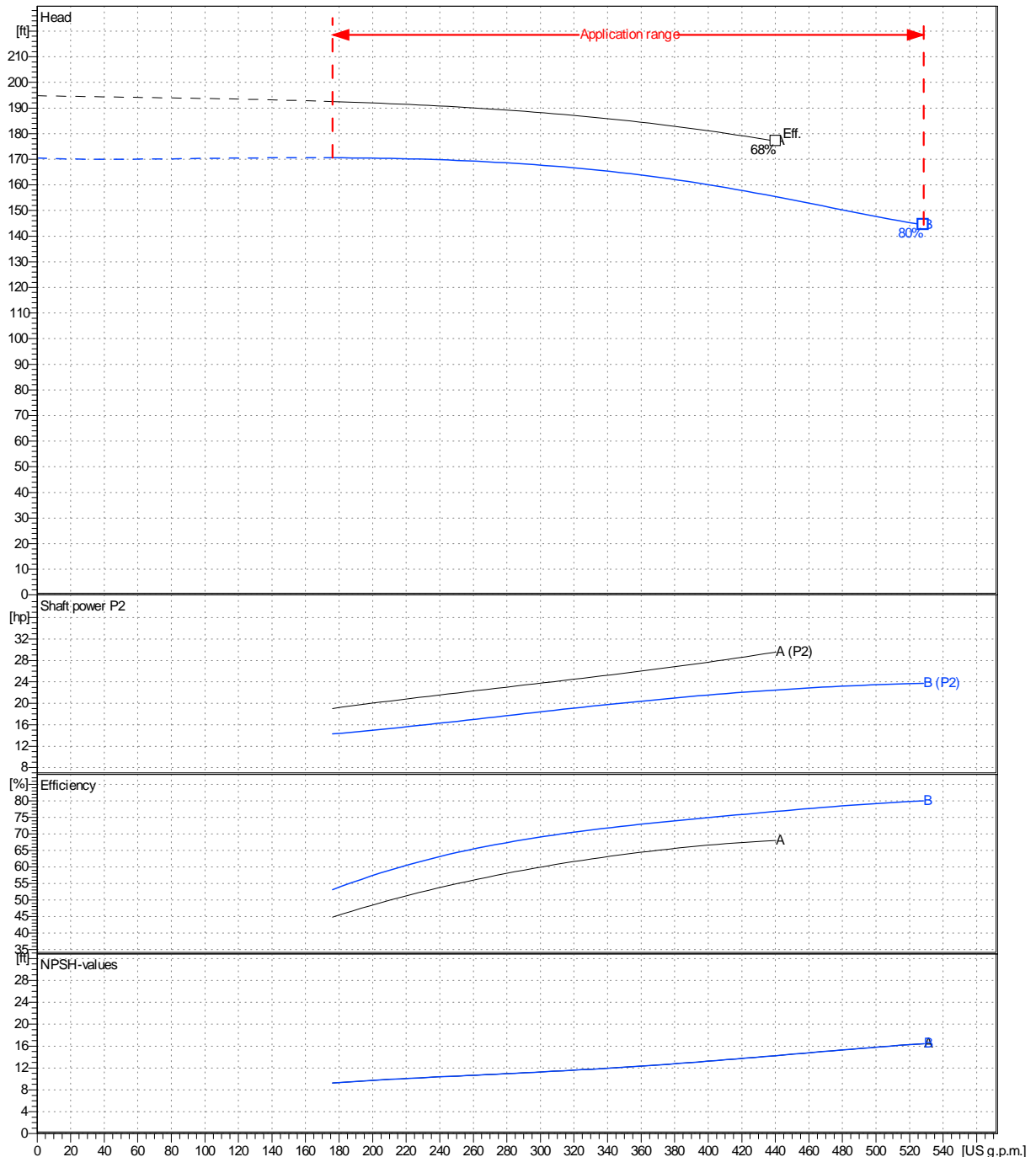


C	4 <sup>13</sup> / <sub>16</sub>	C	5 <sup>7</sup> / <sub>16</sub>
D	7 <sup>5</sup> / <sub>16</sub>	D	7 <sup>7</sup> / <sub>8</sub>
DN	2 <sup>9</sup> / <sub>16</sub>	DN	3 <sup>3</sup> / <sub>8</sub>
K	5 <sup>11</sup> / <sub>16</sub>	K	6 <sup>5</sup> / <sub>16</sub>
n°	3 <sup>3</sup> / <sub>16</sub>	n°	3 <sup>3</sup> / <sub>16</sub>
ø n	3/4	ø n	3/4

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

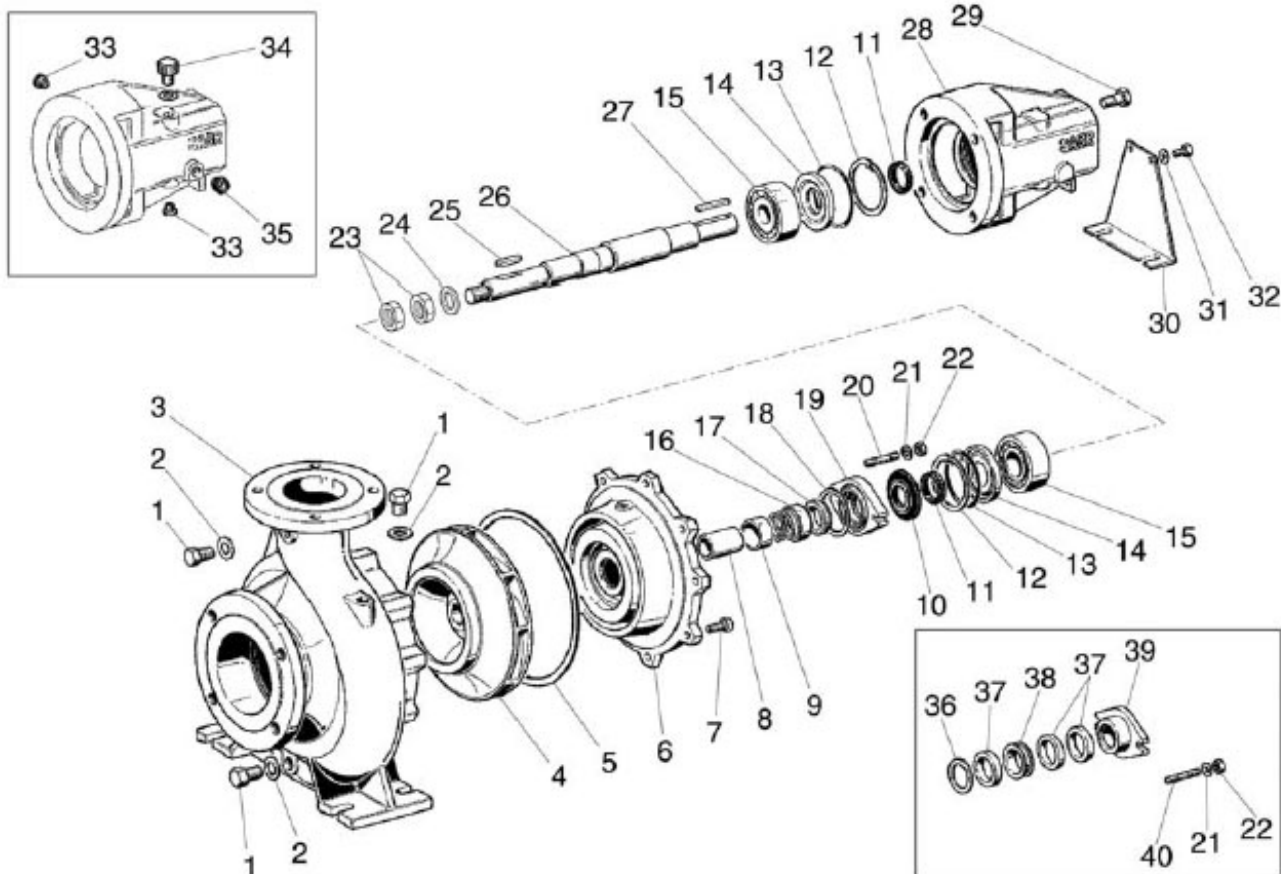
Operating area	Flow	Head	Impeller type
Operating data specification	0 US g.p.m.	0 ft	Impeller construction: Closed
Pump data	US g.p.m.	ft	Sense of rotation: Clockwise from the drive end
			Outlet width: DN 65
	Flow	Head	Shaft power P2
	Min. Max. $\eta$ Max.	H(Q=0) $\eta$ Max.	P2(Q=0) Max. $\eta$ Max.
	US g.p.m. US g.p.m. US g.p.m.	ft ft	hp hp hp
	176 528 528	171 144	23.7 23.7
			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 <b>2022-08-31</b>	Last update
---------	------------	------------	---------------------------------	-------------

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