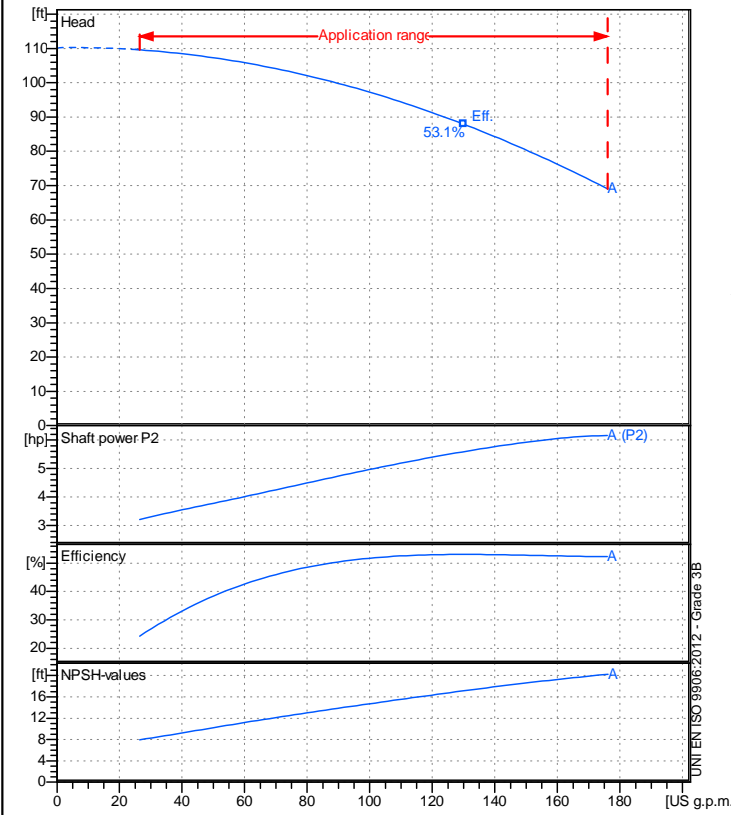


Receiver

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	JNCB 32-250A 4P		
Size	50/32/250		
Design			
Speed rpm	1800	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	176
	Min-	US g.p.m.	26.4
Head	Nominal	ft	
	Max-	ft	110
	Min-	ft	69
Head H(Q=0)	ft	110	
NPSH 3%	ft		
Max. working pressure	psi	47.7	
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp	6.1563	

**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**

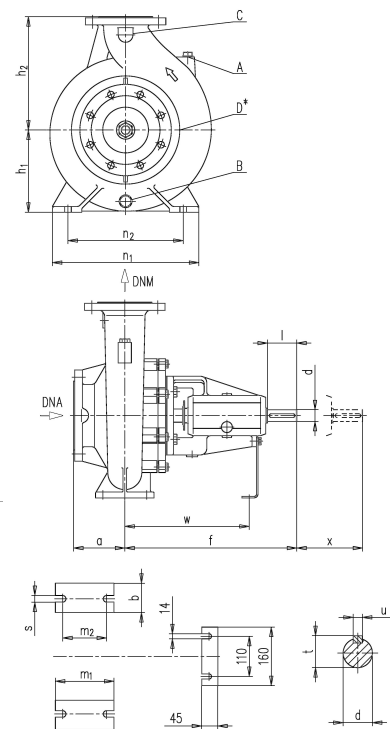
Seal face	Carbon graphite resin impreg.
Seat	Alumina Oxide
Rubber elements	EPDM Rubber
Spring and metal bellows	Stainless steel AISI 316

<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	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	3 <sup>15</sup> / <sub>16</sub>
D	3/8"		
DNA	DN 50		
DNM	DN 32		
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	3 <sup>1</sup> / <sub>16</sub>	C	4
D	5 <sup>1</sup> / <sub>2</sub>	D	6 <sup>1</sup> / <sub>2</sub>
DN	1 <sup>1</sup> / <sub>4</sub>	DN	1 <sup>15</sup> / <sub>16</sub>
K	3 <sup>15</sup> / <sub>16</sub>	K	4 <sup>15</sup> / <sub>16</sub>
n°	3 <sup>1</sup> / <sub>16</sub>	n°	3 <sup>1</sup> / <sub>16</sub>
ø n	3 <sup>3</sup> / <sub>4</sub>	ø n	3 <sup>3</sup> / <sub>4</sub>

Project

Project ID

Created by

 Created on  
**2022-10-19**

Last update



# Performance Curves

## JNCB 32-250A 4P

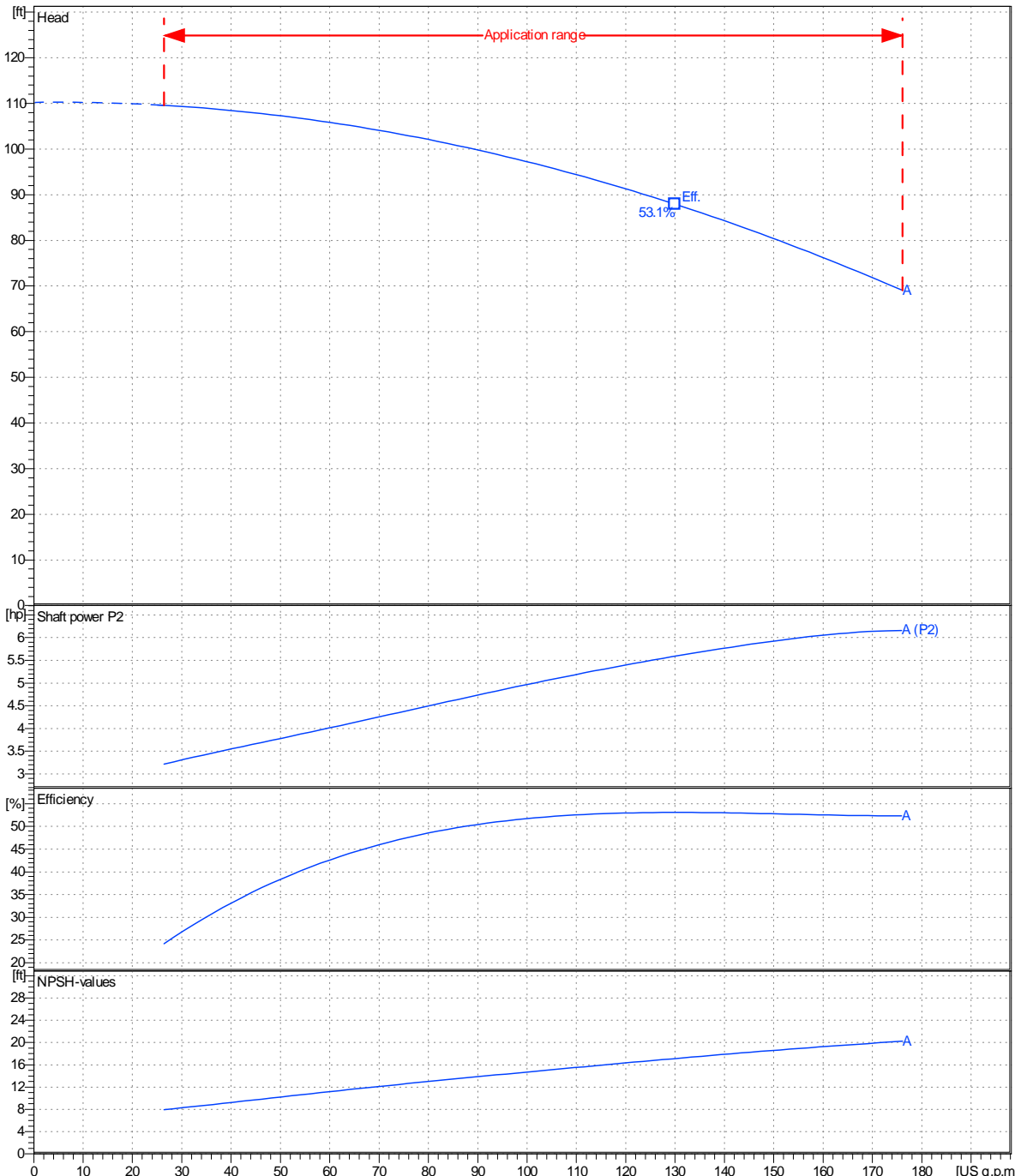
Revision no \_\_\_\_\_  
Page: 2

Receiver	From

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

Operating area	Flow	Head	Impeller type
	0 US g.p.m.	0 ft	Closed
Operating data specification			Sense of rotation
			Clockwise from the drive end
Pump data	US g.p.m.	ft	Outlet width
			DN 32
	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
	26.4 176 130	110 87.9	6.16 5.59
			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



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

