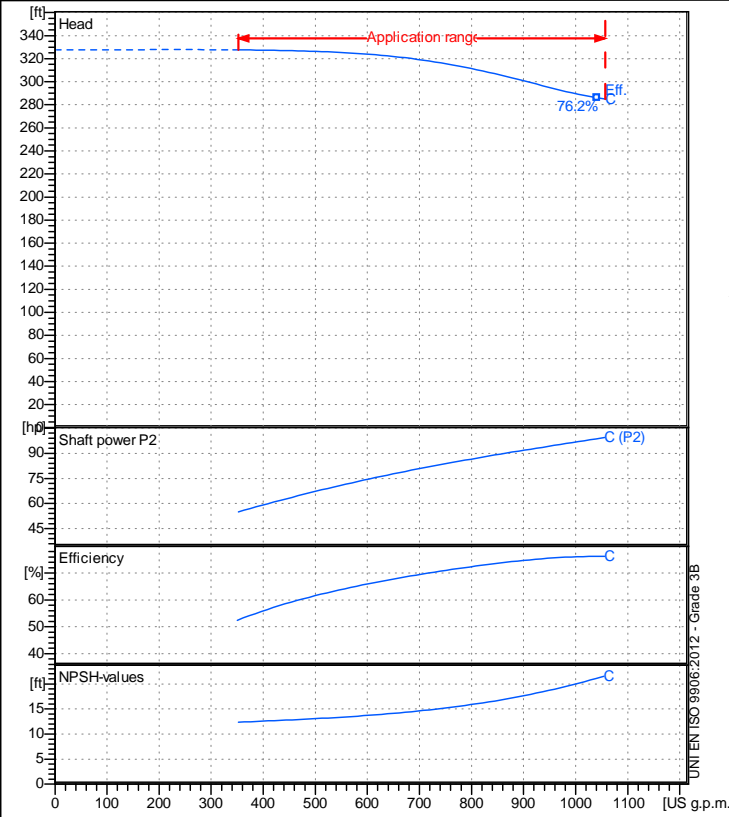


Receiver

From

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

**Operating data specification**

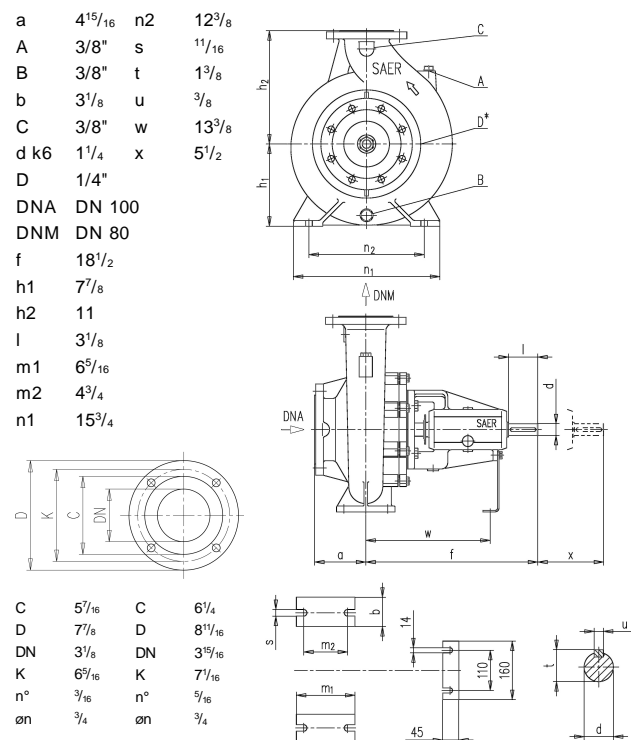
Nominal flow	US g.p.m. 0
Nominal head	ft 0
Static head	ft 0
NPSH - v value of plant	ft 0
Inlet pressure	psi 1.42
Fluid	Water, pure
Operating temperature t A	°F 68
Density at t A	lb/ft³ 62.32
Kin. viscosity at t A	ft²/s 1.082E-5

**Pump**

Pump name	NCB 80-250 C		
Size	100/80/250		
Design			
Speed rpm	3600	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	1060
	Min-	US g.p.m.	352
Head	Nominal	ft	
	Max-	ft	328
	Min-	ft	285
Head H(Q=0)	ft 328		
NPSH 3%	ft		
Max. working pressure	psi 142		
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp 99.392		

**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**


Remarks:

Project	Project ID	Created by	Created on	Last update
			2022-08-31	

Receiver

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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

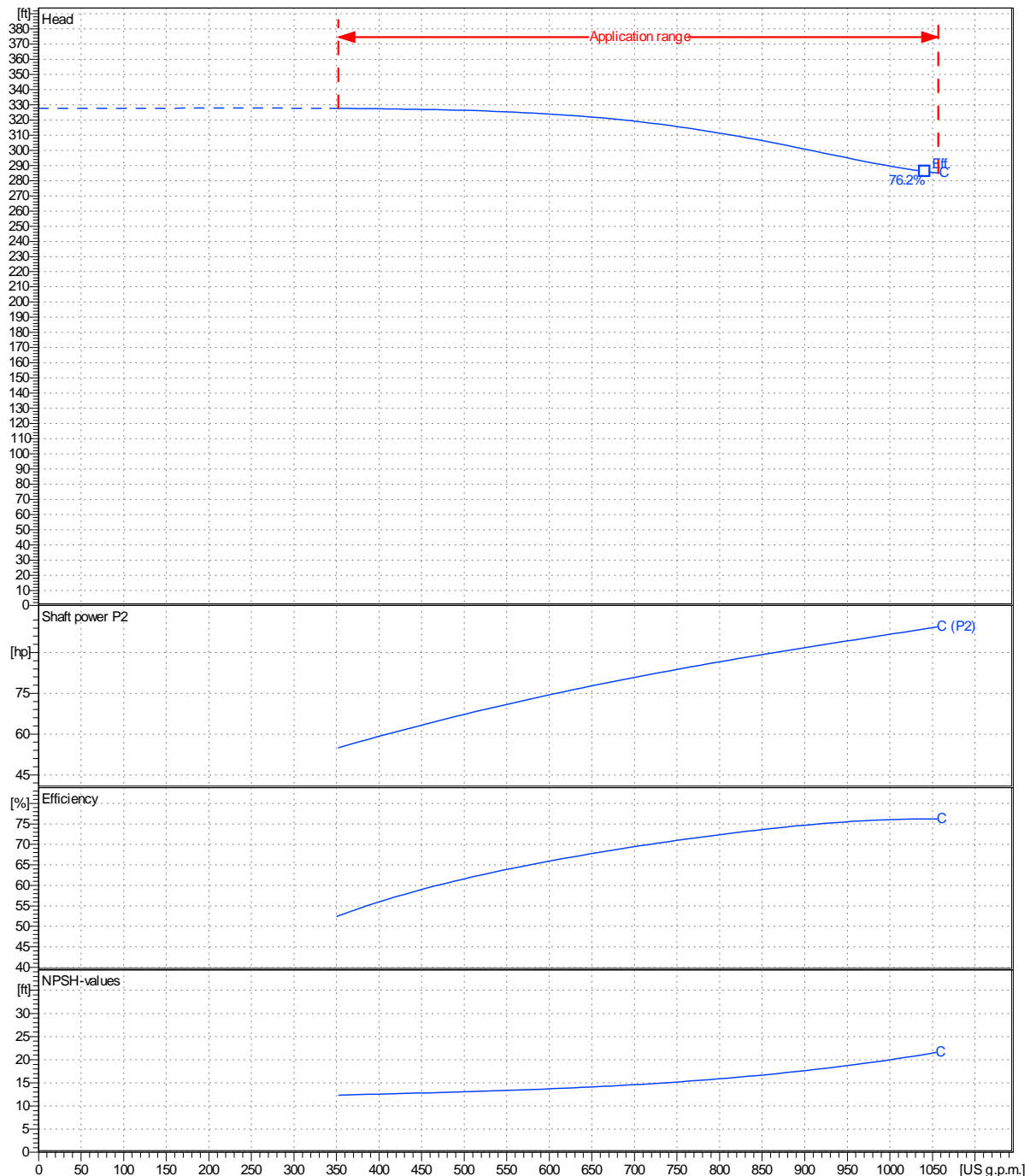
Outlet width

DN 80

	Flow			Head		Shaft power P2			Speed	rpm	3600
	Min.	Max.	$\eta$ Max.	H(Q=0)	$\eta$ Max.	P2(Q=0)	Max.	$\eta$ Max.	Frequency	Hz	
	US g.p.m.	US g.p.m.	US g.p.m.	ft	ft	hp	hp	hp			
	352	1060	1040	328	286		99.4	98.7			

 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

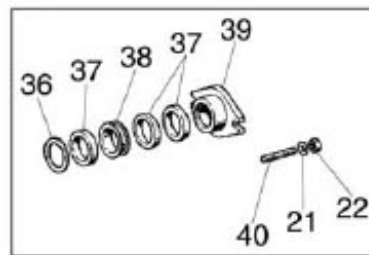
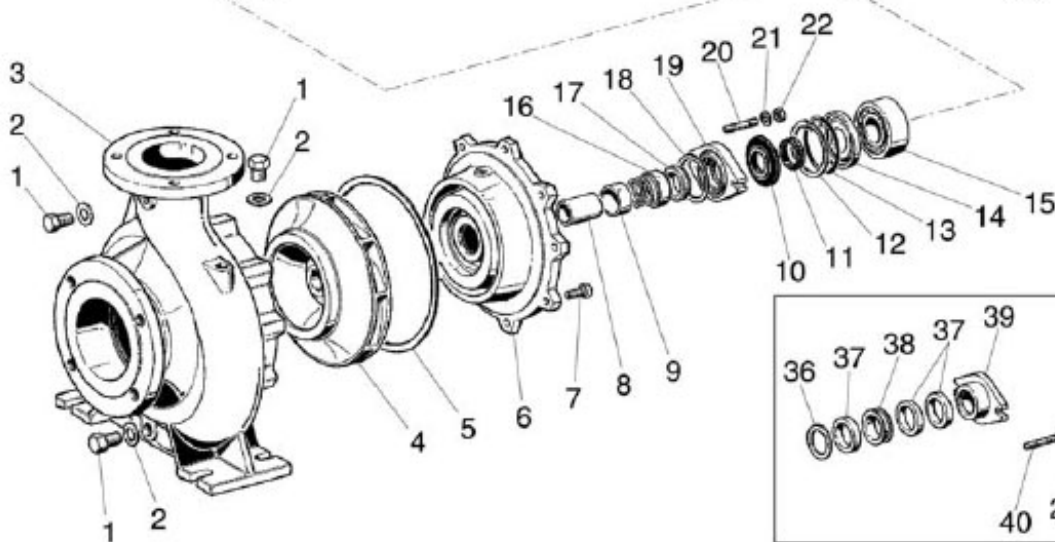
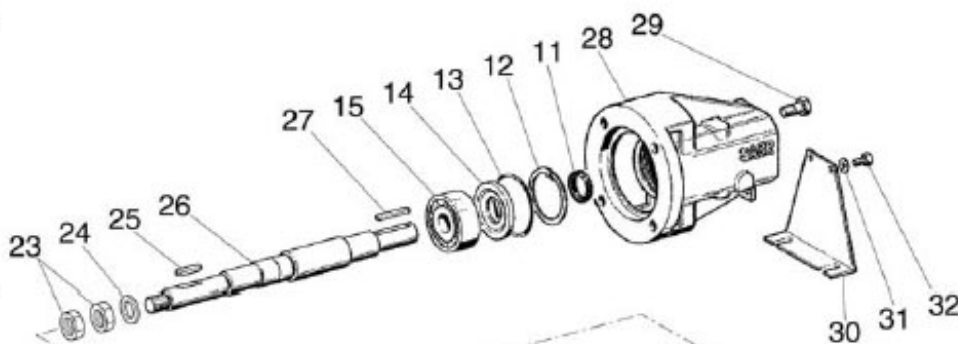
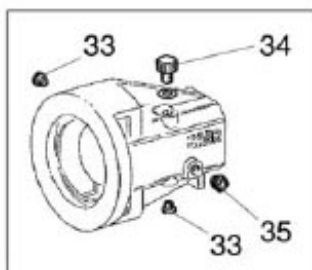
Project ID

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2022-08-31

Last update

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