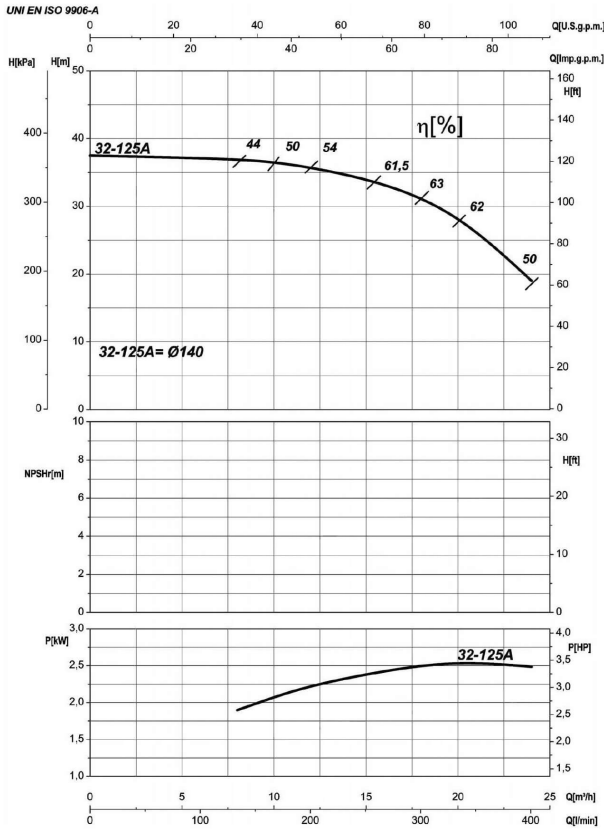


Company name
 Respons. Department
 Person in charge
 Phone number
 Fax no
 E-mail address

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		6IR32-125A	
Pump name	6IR32-125A		
Size	50/32/125		
Design			
Speed rpm	3600	No of stages	1
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m. 106	
	Min-	US g.p.m. 35.2	
Head	Nominal	ft	
	Max-	ft 121	
	Min-	ft 61.9	
Head H(Q=0)	ft 123		
NPSH 3%	ft		
Max. working pressure	psi 53.1		
Shaft power	hp		
Efficiency	%		
Max absorbed power	hp 3.2775		

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		
Mechanical seal	BVEG (Grafito/Ossido Allumina/EPDM)		

Motor	Frame size	90 L		
Manufacturer / Type	SAER MEC90L-2P-3			
Rated power	hp	4.0231	Efficiency 4/4	83 %
Electric current	A	10 A	Speed rpm	3600
Electric voltage	V	230V	3~	Hz 60
Starting mode	Unknown			
Degree of protection	IP 55	Insulation class	F	

Dimensions in inch

a	3 1/8
b	1 15/16
DNA	1 15/16
DNM	1 1/4
f	14 9/16
h1	4 7/16
h2	5 1/2
m1	3 15/16
m2	2 3/4
n1	7 1/2
n2	5 1/2
s	9/16
w	10 3/4

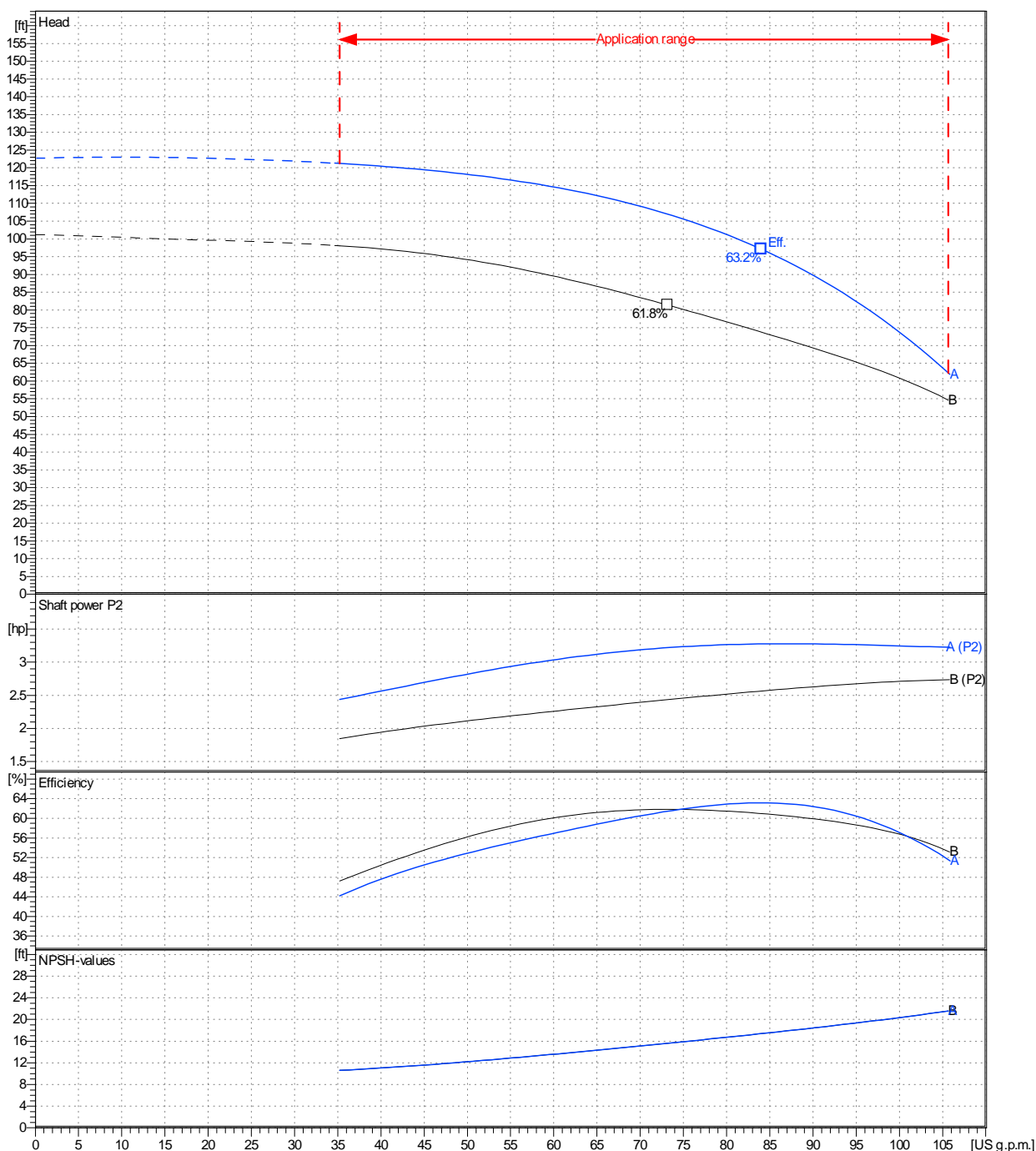
C	3 1/16	C	4
D	5 1/2	D	6 1/2
DN	1 1/4	DN	1 15/16
K	3 15/16	K	4 15/16
n°	3/16	n°	3/16
ø n	3/4	ø n	3/4

Project	Project ID	Created by	Created on	Last update
			8/10/2022	

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	Impeller construction
Pump data	US g.p.m.	ft	Sense of rotation
			Outlet width
			DN 32
	Flow	Head	Shaft power P2
	Min. Max. η Max.	H(Q=0) η Max.	P2(Q=0) Max. η Max.
	US g.p.m. US g.p.m. US g.p.m.	ft ft	hp hp hp
	35.2 106 84	123 97.1	3.28 3.27
			Speed rpm 3600
			Frequency Hz 60 Hz

Performance data based to: Water, pure [100%]; 68°F; 62.3lb/ft³; 1.08E-5ft²/s

UNI EN ISO 9906:2012 - Grade 3B



Project	Project ID	Created by	Created on	Last update
			8/10/2022	

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

