Technical data
6OP32/6

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	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 - 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		6OP32/6	
Size			
Design			
Speed rpm	3600	No of stages 6	
Impeller type			
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	39.6
	Min-	US g.p.m.	6.6
Head	Nominal	ft	
	Max-	ft	249
	Min-	ft	107
Head H(Q=0)		ft	262
NPSH 3%		ft	
Max. working pressure		psi	114
Shaft power		hp	
Efficiency		%	
Max absorbed power		hp	0

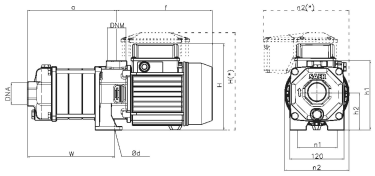
Materials Pump

Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Stainless steel AISI 304 (1.4301)
Diffuser	Stainless steel AISI 304 (1.4301)
Gasket	Natural fiber
Suction	Cast iron EN-GJL-250
Delivery	Cast iron EN-GJL-250
Mechanical seal	Stahl

Motor		Frame size		80	
Manufacturer / Type		SAER MEC80-2P-2.2			
Rated power	hp	2.9502	Efficiency 4/4		81.5 %
Electric current	A	10.2 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	$11^{1}/_{8}$
DNA	G1"1/4
DNM	G1"
f	$11^{1}/_{8}$
H	$9^{5}/_{16}$
h1	$6^{7}/_{16}$
h2	$3^{9}/_{16}$
n1	$3^{9}/_{16}$
n2	$8^{1}/_{8}$
Ød	$^{7}/_{16}$
w	11



Remarks:

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			2022-07-13	

Performance curves
6OP32/6

Revision no	Page:
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Receiver	From
Company name	-
Respons. Department	
Person in charge	
Phone number	
Fax no	
E-mail address	

Operating area	Flow		Head	
Operating data specification	0	US g.p.m.	0	ft
Pump data		US g.p.m.		ft

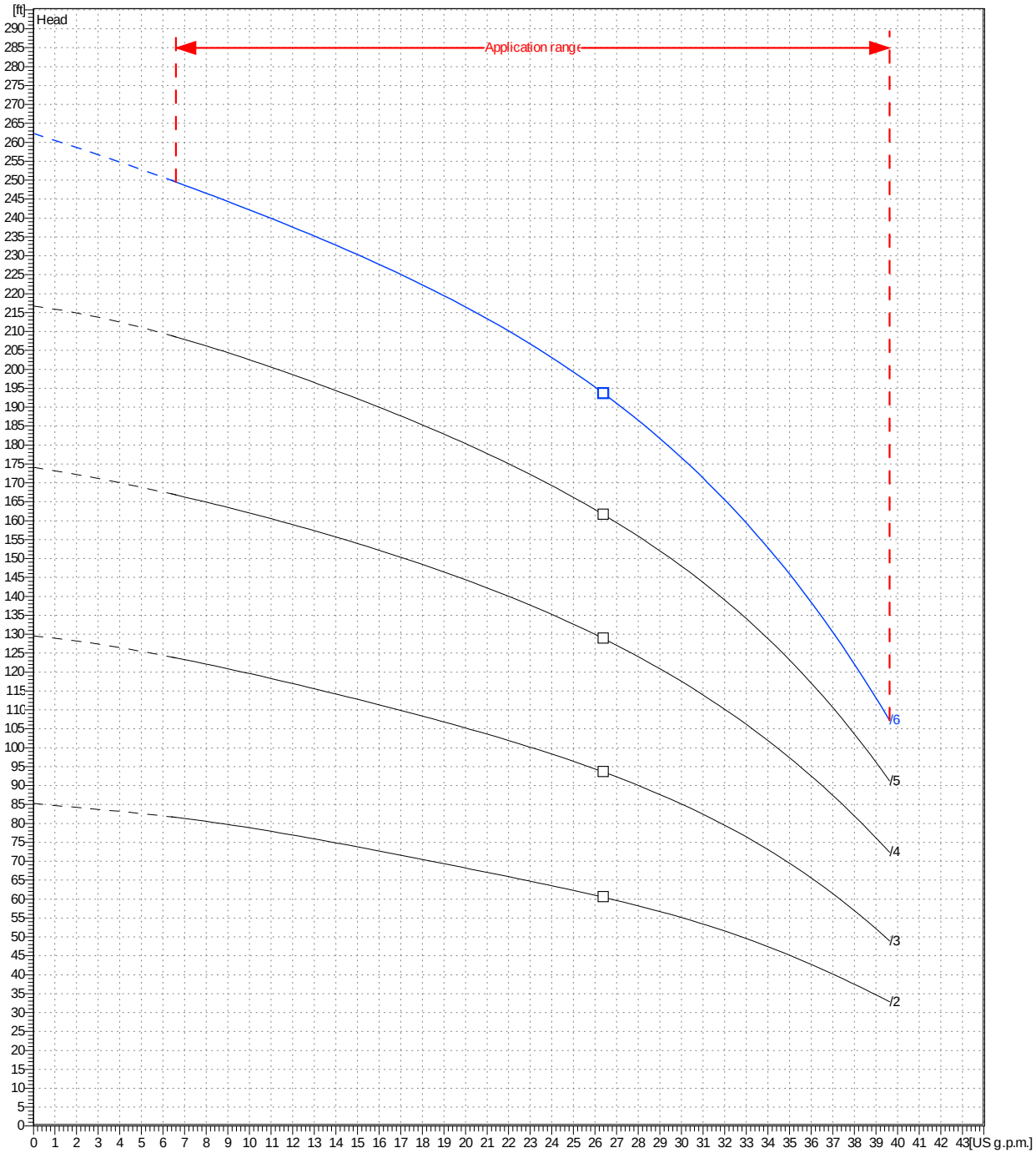
Impeller type	
Impeller construction	
Sense of rotation	Clockwise from the drive end
Outlet width	G1"

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
6.6	39.6	26.4	262	194		0	

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



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	Spare parts 6OP32/6	Revision no	Page: 3

Company name		-
Respons. Department		
Person in charge		
Phone number		
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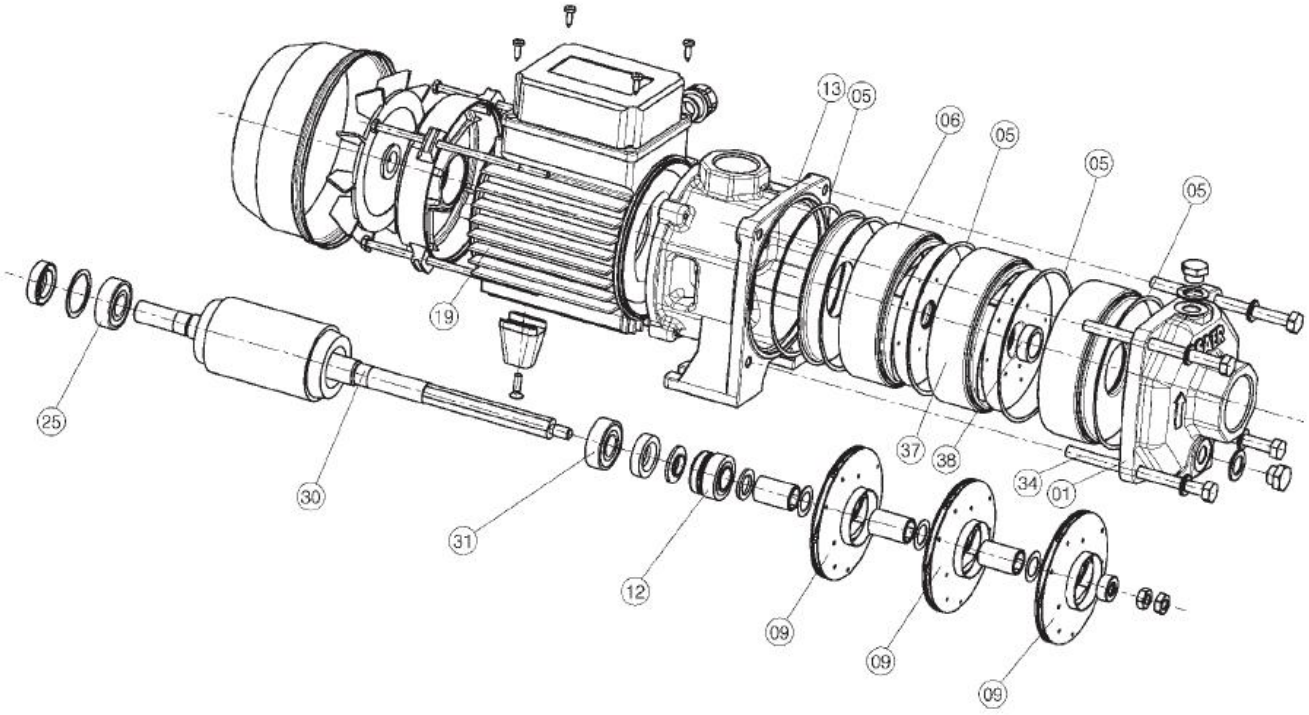
E-mail address		



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