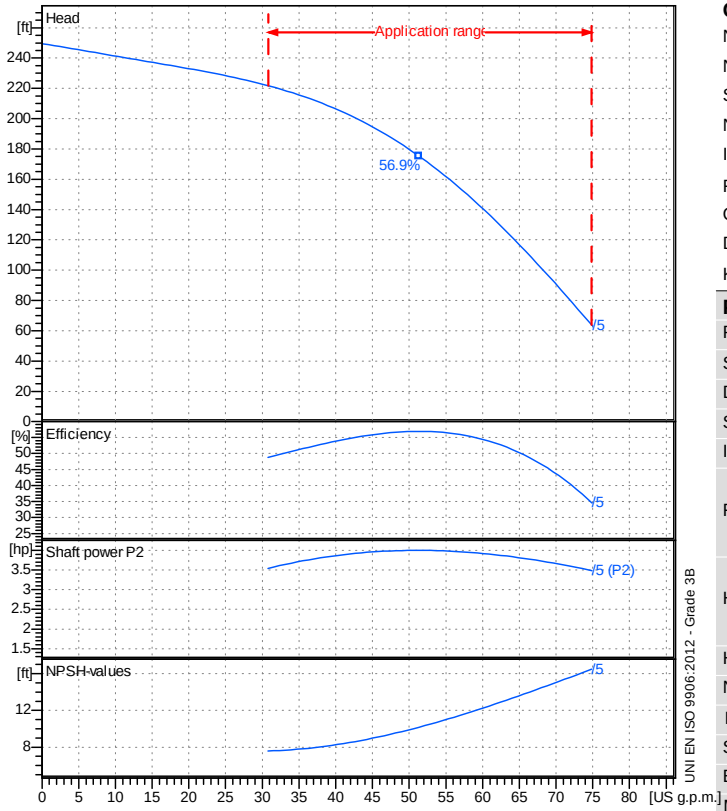
Technical data
6MK40/5

Revision no	Page:
	1

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		6MK40/5	
Size			
Design			
Speed rpm	3500	No of stages	5
Impeller type		Radial impeller	
Flow	Nominal	US g.p.m.	
	Max-	US g.p.m.	75
	Min-	US g.p.m.	30.8
Head	Nominal	ft	
	Max-	ft	222
	Min-	ft	63.1
Head H(Q=0)		ft	250
NPSH 3%		ft	
Max. working pressure		psi	108
Shaft power		hp	
Efficiency		%	
Max absorbed power		hp	3.9998

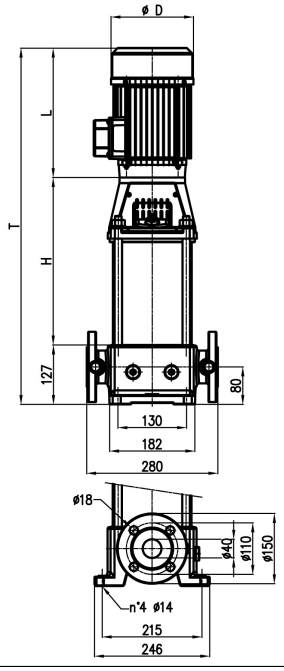
Materials Pump

Shaft	Stainless steel AISI 431 (1.4057)
Impeller	Stainless steel AISI 304 (1.4301)
Diffuser	Stainless steel AISI 304 (1.4301)
Gasket	EPDM Rubber
Base	Cast iron EN-GJL-250
Spider	Cast iron EN-GJL-250
Mechanical seal	BQ1EG (Gra/Sic/EPDM)
Pump pipe	Stainless steel AISI 304 (1.4301)

Motor		Frame size	100L		
Manufacturer / Type		SAER	MT2-V18-1PHASE		
Rated power	hp	4.0231	Efficiency 4/4		0 %
Electric current	A	9.9	Speed	rpm	3550
Electric voltage	V	460V	3~	Hz	60
Starting mode		Unknown			
Degree of protection		IP 55	Insulation class		F

Dimensions in inch

H	14 1/8	T	30 15/16
L	11 7/8		
øD	8 1/4		



Remarks:

Project	Project ID	Created by	Created on	Last update
			2022-08-30	

Performance curves
6MK40/5

Revision no	Page:
	2

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

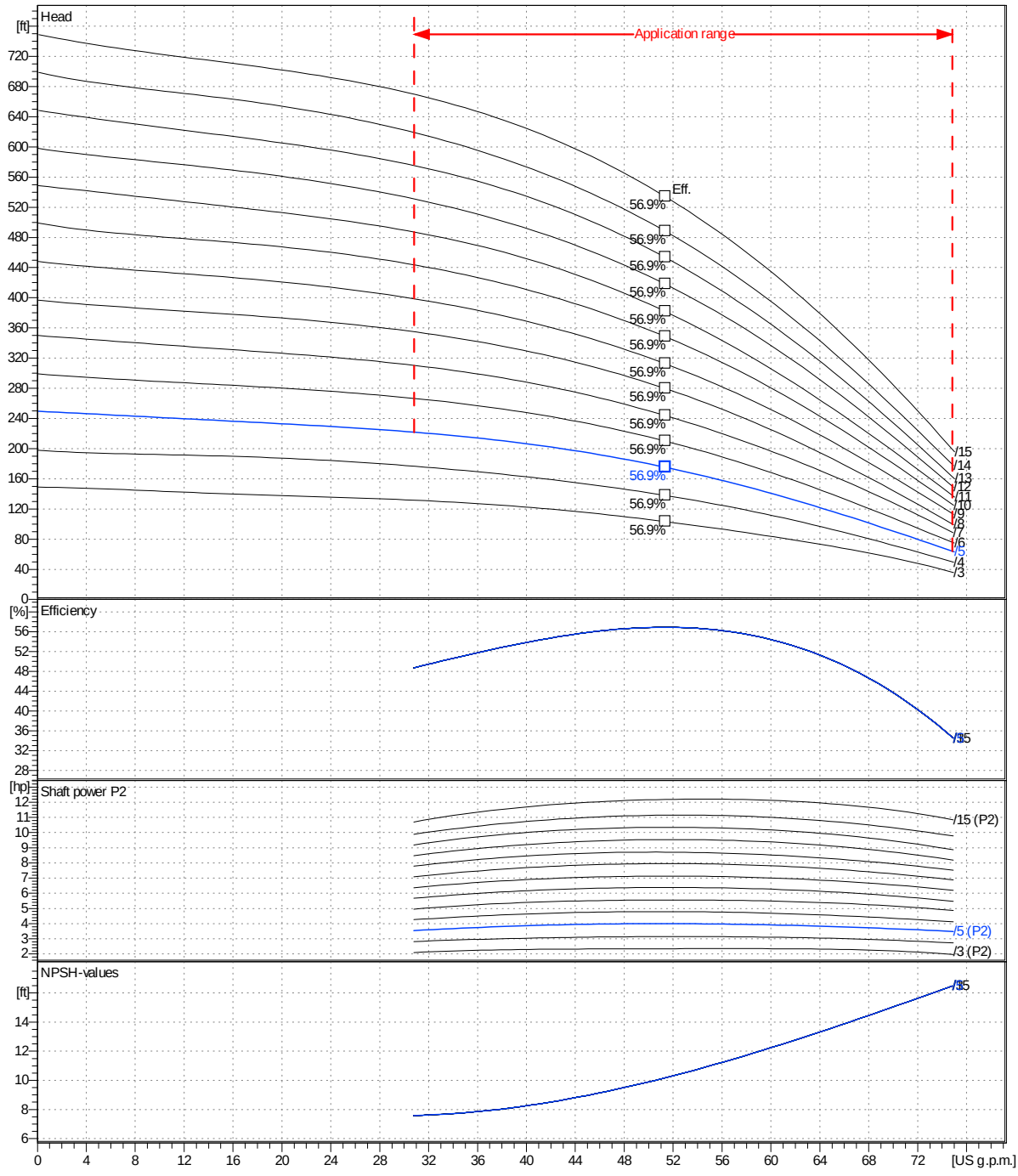
Operating area	Flow		Head	
Operating data specification	0	US g.p.m.	0	ft
Pump data		US g.p.m.		ft

	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
	30.8	74.8	51.4	250	175		4	4

Impeller type	Radial impeller	
Impeller construction	Closed	
Sense of rotation	Clockwise from the drive end	
Outlet width	DN40	
Speed	rpm	3500
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
			2022-08-30	

	Spare parts 6MK40/5	Revision no	Page: 3

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Person in charge		
Phone number		
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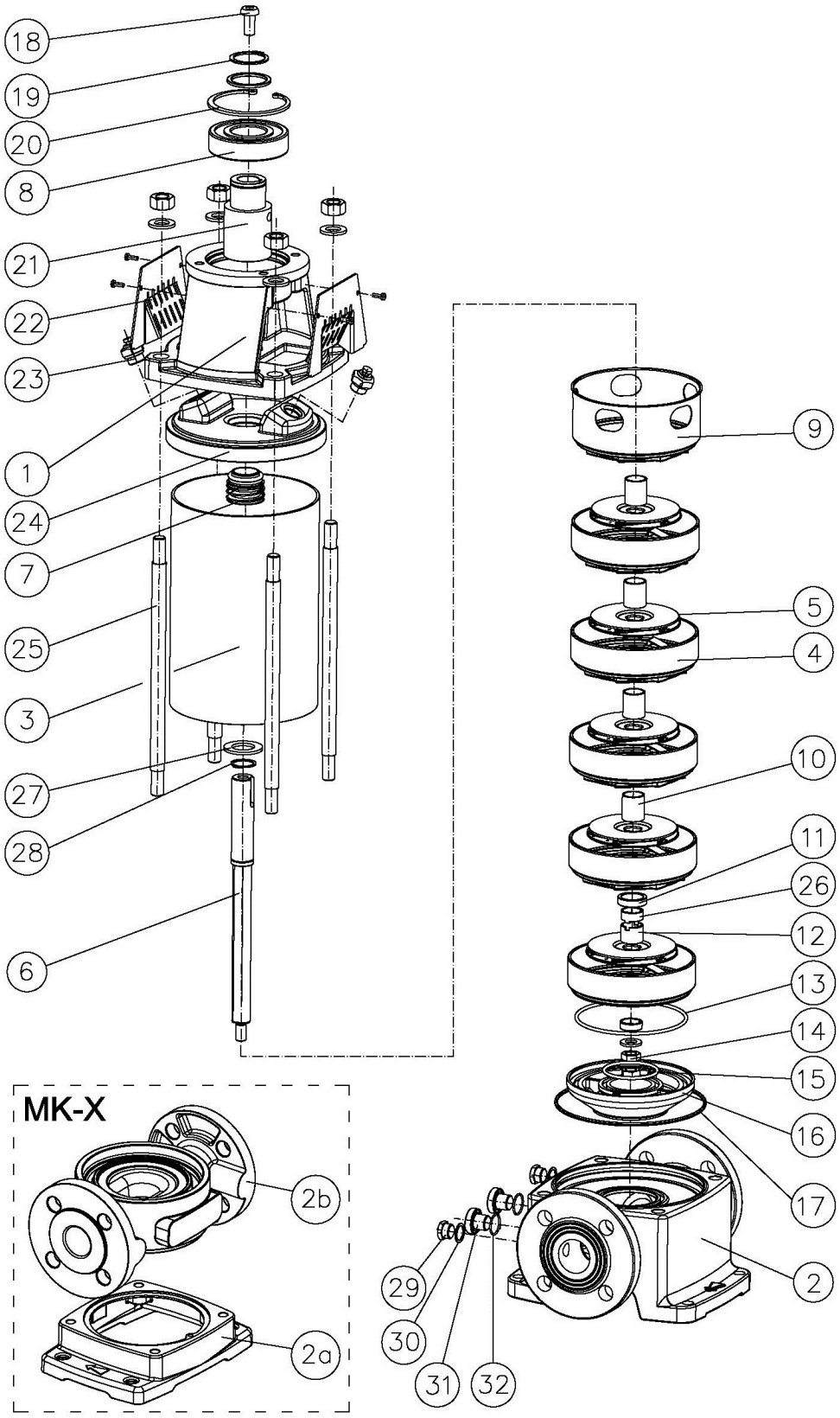

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