

e-XC6x8x14/200H6D4WNTEA1CC1G

Technical data

Company Name
Contact
Phone number
E-Mail address

Operating data

1	Pumpe type	Single head pump	Fluid	Water
2	No. of pumps	1	Operating temperature t A	°F 39.2
3	Nominal flow	US g.p.m. 0	pH-value at t A	7
4	Nominal head	ft 0	Density at t A	lb/ft³ 62.4
5	Static head	ft 0	Kin. viscosity at t A	ft²/s 1.689E-5
6	Inlet pressure	psi 0	Vapor pressure at t A	psi 14.5
7	Environmental temperature	°F 68	Content of solid%	Solid size inch 0 3/4
8	Available system NPSH	ft 0	Altitude	ft 0

Pump data

9	Design	Double Suction Split Case Pumps		
10	Execution	Clockwise Rotation - viewed from motor end [STD]		
11	Operating speed	rpm 1780	Impeller Ø	Max. inch 14.567
12	No. of stages	1		designed inch 14.567
13	Suction flange	NPS 8 / CL125 / ASME B16.1 (e-XC)		Min. inch 8.976
14	Discharge flange	NPS 6 / CL125 / ASME B16.1 (e-XC)	Flow	Nominal US g.p.m.
15	Max. casing pressure	psi 175		Max- US g.p.m. 3122
16	Max. working pressure	psi 100.7		Min- US g.p.m. 597
17	Impeller type	Radial impeller	Head	Nominal ft
18	Head H(Q=0)	ft 230		at Qmax ft 149.4
19	Max. shaft power	hp 147.6		at Qmin ft 225.6
20	Pump weight	lb 1,025.0	Shaft power	hp
21	Total weight	lb 3,288.6	Efficiency	%
			NPSH 3%	ft

Materials

22		Pump	Shaft Seal
23	Casings	Cast Iron [STD]	Xylem Rubber below seal [STD]
24	Impeller	Stainless steel CF8 (304) [STD]	MR4 - Seal on sleeve (ID 45/2,75 in)
25	Shaft Construction	Dry (sleeves) [STD]	Mechanical seal diameter inch 2.750
26	Shaft	40cR (5140-carbon steel)	Seal faces Carbon [STD]
27	Shaft Sleeves	Stainless steel CF8 (304) [STD]	Stationary ring Silicon Carbide
28	Shaft Sleeve Nuts	Stainless steel CF8 (304) [STD]	Elastomers EPDM [STD]
29	Casing Wear Ring	Bronze [STD]	Springs Stainless steel CF8M (316)
30	Impeller Wear Ring	Stainless steel CF8 (304) [STD]	Other metal parts Stainless steel CF8M (316)
31	Lantern Ring	Polytetrafluoroethylene (PTFE)	
32	Seal flush lines	Stainless steel CF8 (304) [STD]	
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Motor data

42	Manufacturer	Baldor	Coupling
43	Specific design	NEMA 3 ph TEPE	Manufacturer
44	Type	Frame 447T - 200 hp	TB Woods Dura-Flex - NON Spacer [STD]
45	Rated power	200 hp	Type
46	Nominal speed	1780 rpm	WE50
47	Frame size	447T	Frame size
48	Weight	lb 1,840.0	WE50
		Item no. SM1268	Spacer length inch 1/2
		Service factor 1.15	Weight lb 59.0
		Electric voltage 460 V	Coupling guard
		Shaft diameter 3 3/8 inch	Coupling Guard KIT-3 41.10 lb
			Coupling Guard Material Painted carbon steel

Base plate

49	Name	6x8x14 / 447T	Remarks
50	Weight	lb 323.5	

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Performance Curve

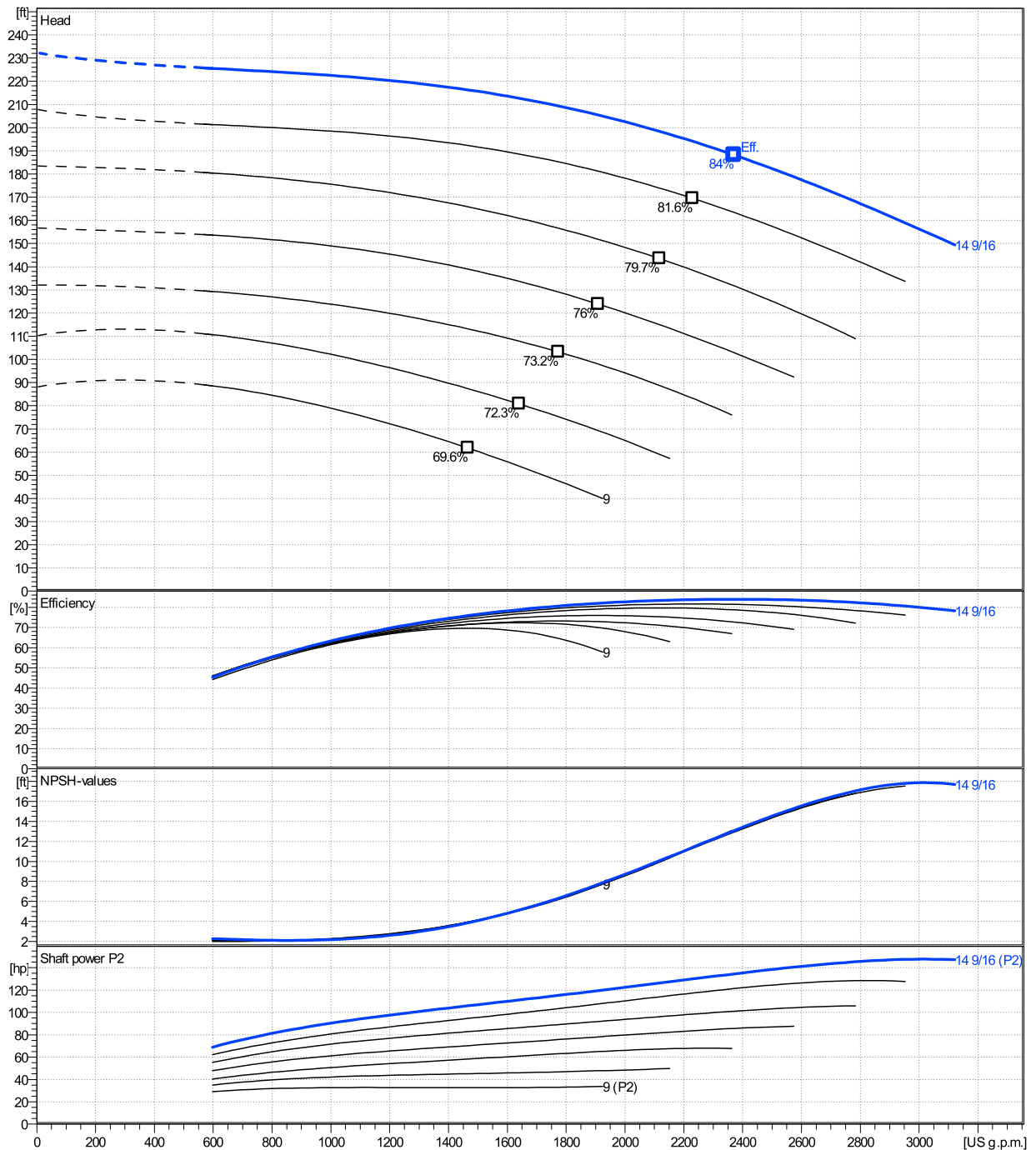
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	Ø inch	Delivered Flow Application Range			Lift Capability		Shaft Power P2			Frequency		Hz	60
		Min. US g.p.m.	Max. US g.p.m.	Max. η US g.p.m.	H(Q=0) ft	Max. η ft	P2(Q=0) hp	Max. hp	Max. η hp	Operating speed rpm	Nominal flow US g.p.m.		
Is	14.567	597	3120	2370	232	188		148	134				
Min.	8.976	/	/	1470	88.1	61.8		/	32.6				
Max.	14.567	/	/	2370	232	188		/	134				

Power data referred to:

Hydr. performance acceptance acc. to EN ISO 9906 Class 2B

Water [100%] ; 39.2°F; 62.4lb/ft³; 1.69E-5ft²/s



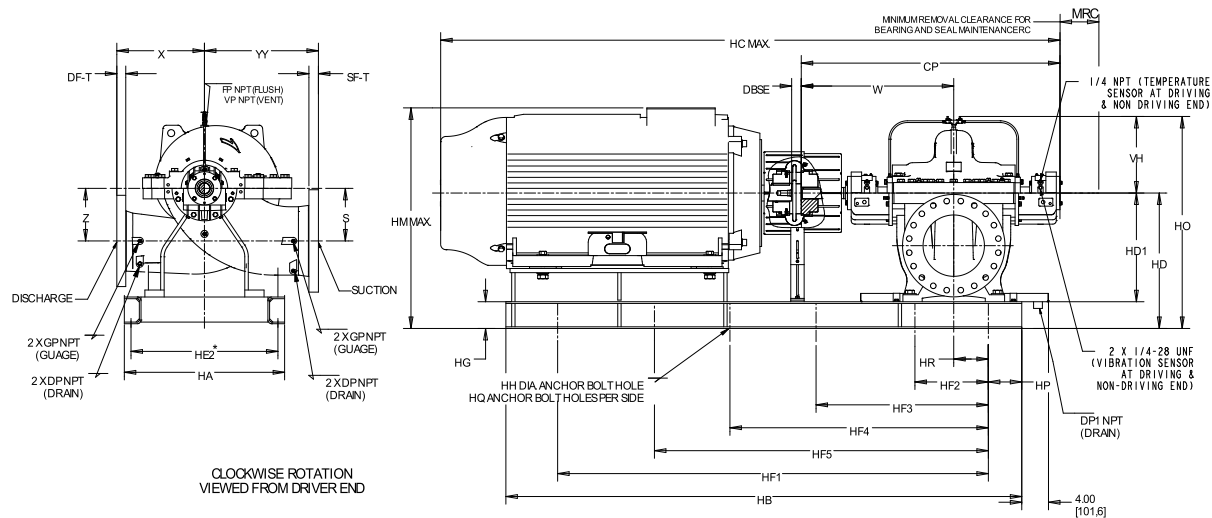
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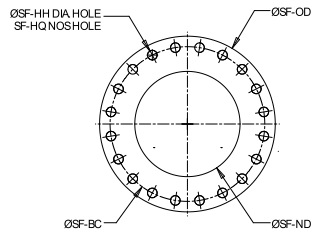
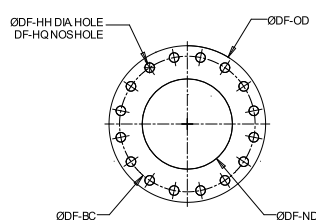
Dimensions

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Complete Unit with Baseplate
Clockwise Rotation - viewed from motor end [STD]
NEMA 3 ph TEPE Frame 447T - 200 hp



CLOCKWISE ROTATION
VIEWED FROM DRIVER END



Dimensions		[inch]	
CP	46 ³ / ₈	HO	34 ⁵ / ₁₆
DBSE	1/2	HP	5
DF-BC	9 1/2	HQ	8x
DF-HH	7/8	HR	5 1/2
DF-HQ	8x	MRC	3
DF-ND	6	S	9 1/16
DF-OD	11	SF-BC	11 3/4
DF-T	1	SF-HH	7/8
DP	1/2 NPT	SF-HQ	8x
FP	1/2 NPT	SF-ND	8
GP	1/2 NPT	SF-OD	13 1/2
HA	24	SF-T	1 1/8
HB	88	VH	12 5/8
HC Max	N.A.	VP	1/2 NPT
HD	21 11/16	W	25 1/2
HD1	17 11/16	X	15 3/4
HE2	22	YY	17 11/16
HF1	78	Z	9 1/16
HF2	26		
HF3	52		
HF4	N.A.		
HF5	N.A.		
HG	4		
HH	1		
HM Max	N.A.		

Connections	
Suction flange	Discharge flange
NPS 8	NPS 6
CL125	CL125
ASME B16.1 (e-XC)	ASME B16.1 (e-XC)
Weight (+/- 5%)	
Pump	1,025 lb
Coupling	59 lb
Coupling Guard	41 lb
Base plate	324 lb
Motor	1,840 lb
Total weight	3,289 lb

Dimensions and weight without obligation

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