

e-XC4x6x13.5/60H6C4WNTMSA1CC1G

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 3/8
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 13.976
12	No. of stages	1		designed inch 13.976
13	Suction flange	NPS 6 / CL125 / ASME B16.1 (e-XC)		Min. inch 5.945
14	Discharge flange	NPS 4 / CL125 / ASME B16.1 (e-XC)	Flow	Nominal US g.p.m.
15	Max. casing pressure	psi 175		Max- US g.p.m. 879
16	Max. working pressure	psi 90.8		Min- US g.p.m. 188
17	Impeller type	Radial impeller	Head	Nominal ft
18	Head H(Q=0)	ft 210		at Qmax ft 177.7
19	Max. shaft power	hp 52.7		at Qmin ft 209.6
20	Pump weight	lb 770.0	Shaft power	hp
21	Total weight	lb 1,803.3	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 TB Woods Dura-Flex - NON Spacer [STD]
44	Type	Frame 364T - 60 hp	Type WE20
45	Rated power	60 hp	Frame size WE20
46	Nominal speed	1780 rpm	Spacer length inch 1/2
47	Frame size	364T	Weight lb 16.3
48	Weight lb	797.0	Coupling guard Coupling Guard KIT-2 27.10 lb
		Item no. SM0012	Coupling Guard Material Painted carbon steel
		Service factor 1.15	
		Electric voltage 460 V	
		Shaft diameter 2 3/8 inch	

Base plate

49	Name	4x6x13.5 / 364T	Remarks
50	Weight	lb 192.9	

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Performance Curve

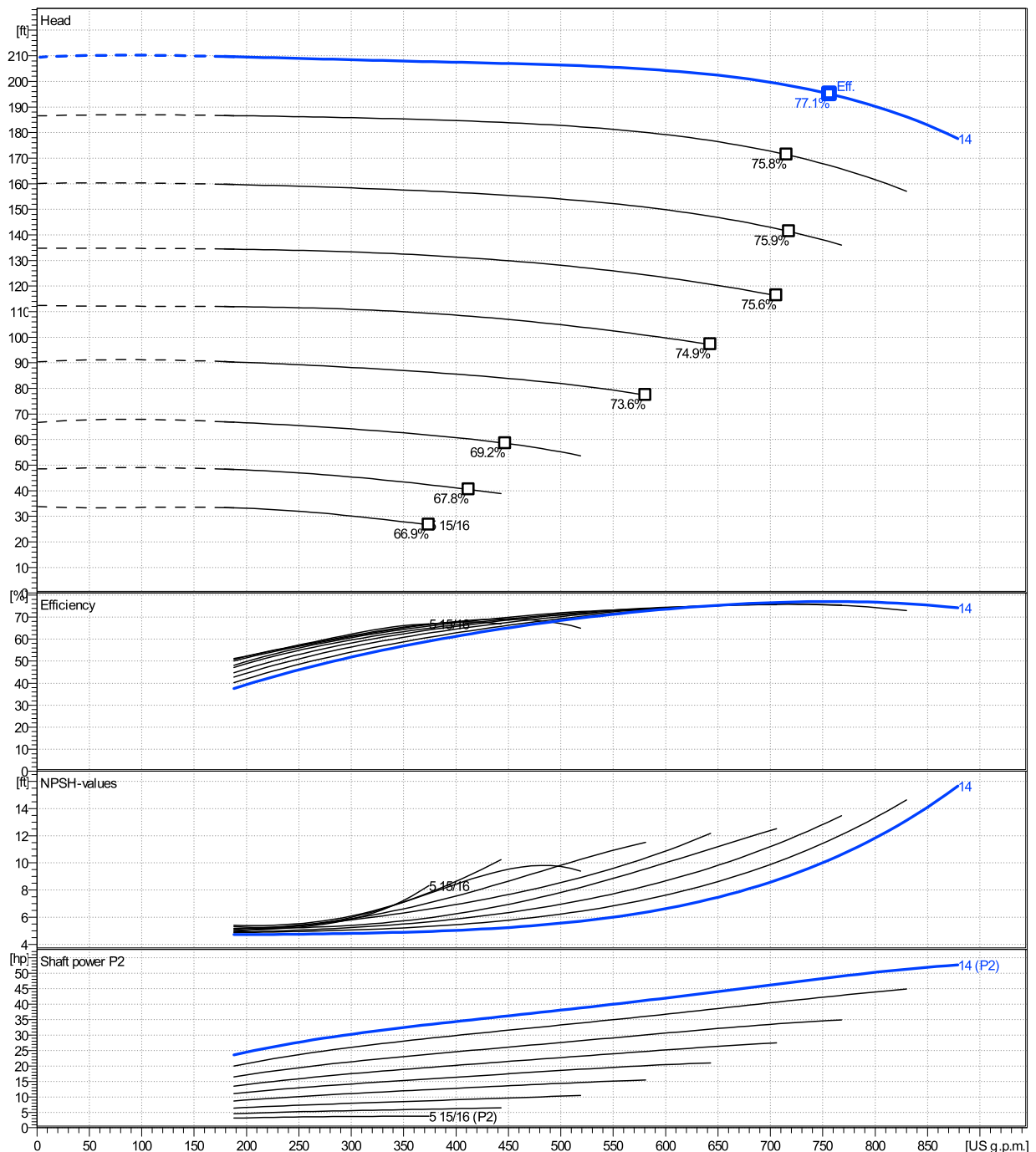
Company Name
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	Ø	Delivered Flow			Lift Capability		Shaft Power P2			Frequency	Hz	60
	inch	Min.	Max.	Max. η	H(Q=0)	Max. η	P2(Q=0)	Max.	Max. η	Operating speed	rpm	1780
		US g.p.m.	US g.p.m.	US g.p.m.	ft	ft	hp	hp	hp	Nominal flow	US g.p.m.	0
Is	13.976	188	879	757	209	195		52.7	48.6	Nominal head	ft	0
Min.	5.945	/	/	374	33.8	26.7	/	/	3.79	Inlet pressure	psi	0
Max.	13.976	/	/	757	209	195	/	/	48.6	Static head	ft	0

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



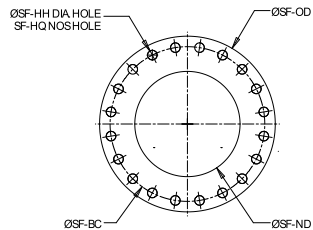
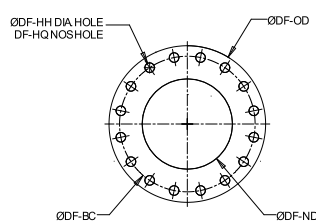
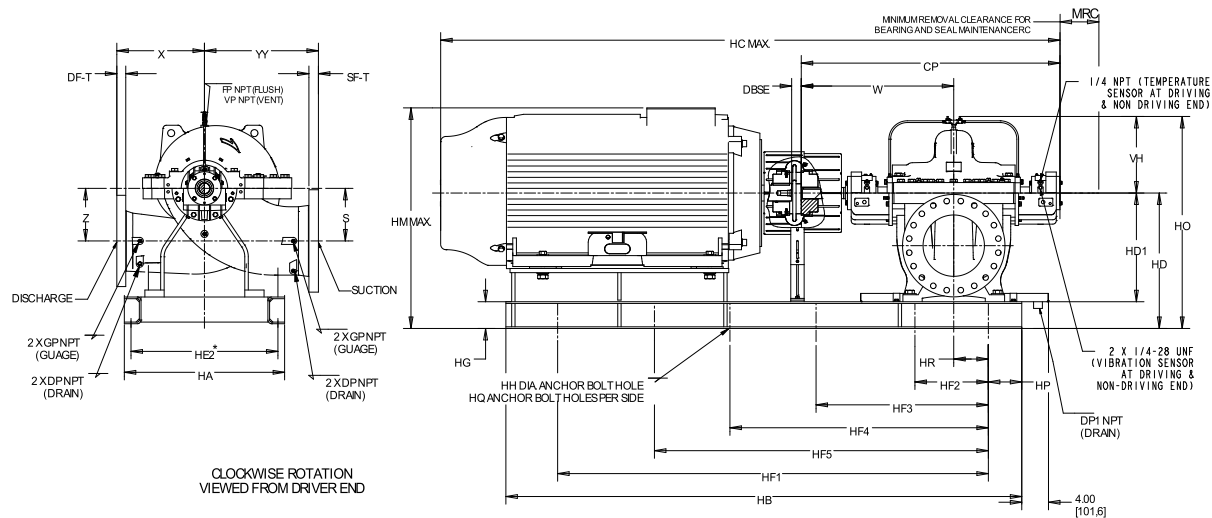
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Dimensions

Company Name
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E-Mail address

Complete Unit with Baseplate
Clockwise Rotation - viewed from motor end [STD]
NEMA 3 ph TEPE Frame 364T - 60 hp



Dimensions [inch]			
CP	40 ¹¹ / ₁₆	HO	30 ³ / ₈
DBSE	1 ¹ / ₂	HP	5
DF-BC	7 ¹ / ₂	HQ	6x
DF-HH	3 ³ / ₄	HR	3 ⁷ / ₈
DF-HQ	8x	MRC	3
DF-ND	4	S	6 ¹¹ / ₁₆
DF-OD	9	SF-BC	9 ¹ / ₂
DF-T	15 ⁵ / ₁₆	SF-HH	7 ⁷ / ₈
DP	1/2 NPT	SF-HQ	8x
FP	1/2 NPT	SF-ND	6
GP	1/2 NPT	SF-OD	11
HA	20	SF-T	1
HB	60	VH	12 ⁵ / ₈
HC Max	N.A.	VP	1/2 NPT
HD	17 ³ / ₄	W	22 ³ / ₈
HD1	13 ³ / ₄	X	14 ⁹ / ₁₆
HE2	18	YY	17 ¹¹ / ₁₆
HF1	50	Z	6 ¹¹ / ₁₆
HF2	25		
HF3	N.A.		
HF4	N.A.		
HF5	N.A.		
HG	4		
HH	1		
HM Max	N.A.		

Connections	
Suction flange	Discharge flange
NPS 6	NPS 4
CL125	CL125
ASME B16.1 (e-XC)	ASME B16.1 (e-XC)
Weight (+/- 5%)	
Pump	770 lb
Coupling	16 lb
Coupling Guard	27 lb
Base plate	193 lb
Motor	797 lb
Total weight	1,803 lb

Dimensions and weight without obligation

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