

e-XC4x5x6/30H6C2WNTMA1CC1G

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 5/16
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	3560	Impeller Ø	Max. inch 6.102
12	No. of stages	1		designed inch 6.102
13	Suction flange	NPS 5 / CL125 / ASME B16.1 (e-XC)		Min. inch 4.921
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. 996
16	Max. working pressure psi	64.2		Min- US g.p.m. 179
17	Impeller type	Radial impeller	Head	Nominal ft
18	Head H(Q=0) ft	150		at Qmax ft 60.2
19	Max. shaft power hp	24.5		at Qmin ft 142.8
20	Pump weight lb	539.0	Shaft power hp	
21	Total weight lb	986.1	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 35/2,375 in)
25	Shaft Construction	Dry (sleeves) [STD]	Mechanical seal diameter inch 2.375
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 286TS - 30 hp	Type WE4
45	Rated power	30 hp	Frame size WE4
46	Nominal speed	3560 rpm	Spacer length inch 1/2
47	Frame size	286TS	Weight lb 4.4
48	Weight lb	425.0	Coupling guard Coupling Guard KIT-1 17.70 lb
			Coupling Guard Material Painted carbon steel

Base plate

49	Name	consult factory	Remarks
50	Weight lb	0.0	

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Performance Curve

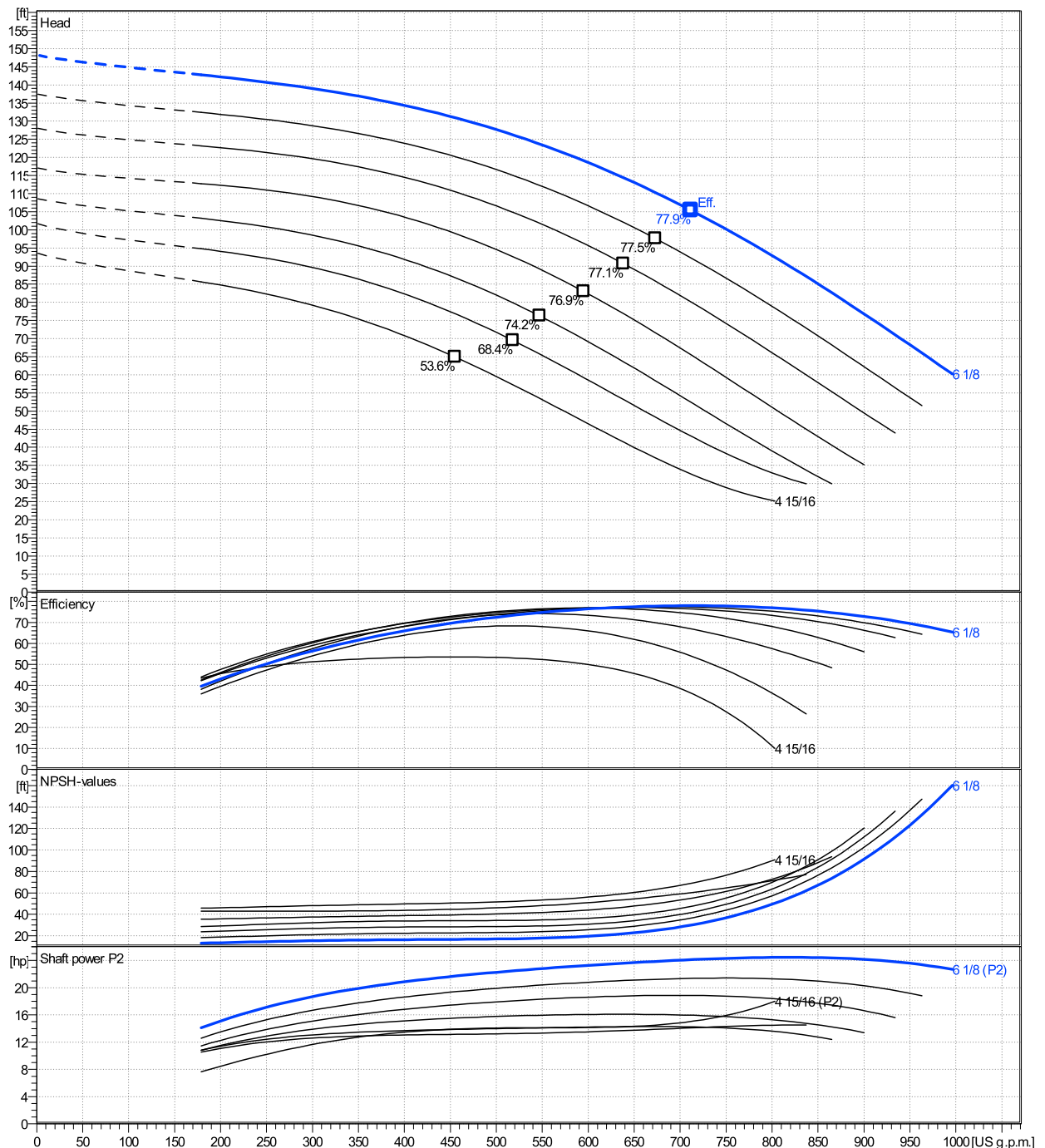
Company Name
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	Ø inch	Delivered Flow Application Range			Lift Capability		Shaft Power P2			Frequency		Hz
		Min. US g.p.m.	Max. US g.p.m.	η Max. US g.p.m.	H(Q=0) ft	η Max. ft	P2(Q=0) hp	Max. hp	η Max. hp	Operating speed rpm	Nominal flow US g.p.m.	
Is	6.102	179	996	712	148	105		24.5	24.1			60
Min.	4.921	/	/	455	93.5	64.9		/	13.9			
Max.	6.102	/	/	712	148	105		/	24.1			

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

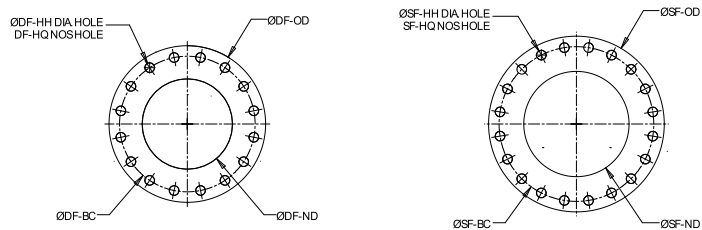
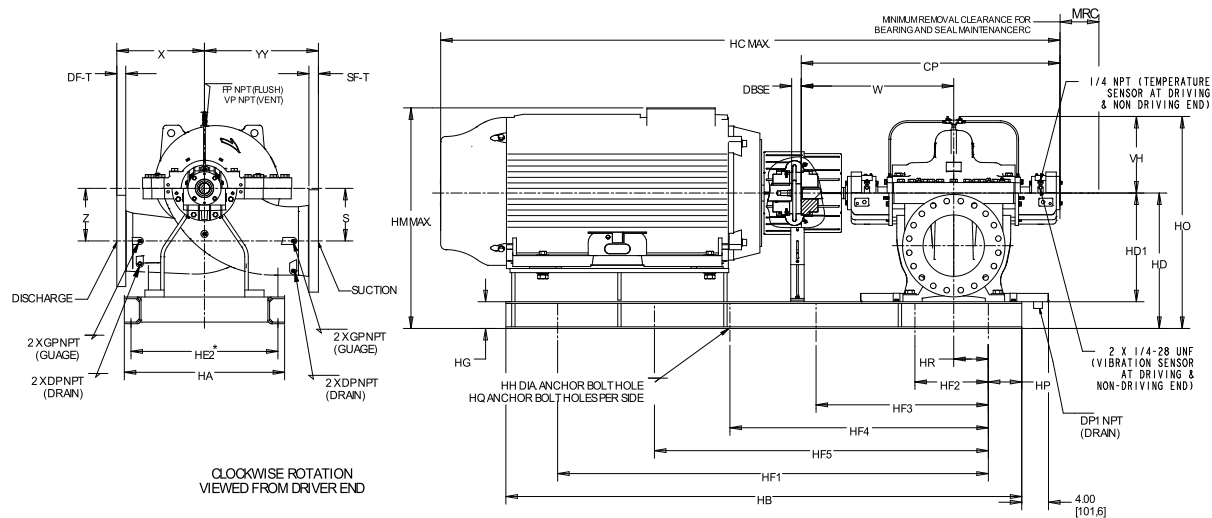


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Dimensions

Company Name	Contact
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E-Mail address	

Complete Unit with Baseplate
Clockwise Rotation - viewed from motor end [STD]
NEMA 3 ph TEPE Frame 286TS - 30 hp



Dimensions		[inch]	
Anchor	N.A.	HM Max	N.A.
CP	39 ⁹ / ₁₆	HO	N.A.
DBSE	1 ¹ / ₂	HP	N.A.
DF-BC	7 ¹ / ₂	HR	N.A.
DF-HH	3 ³ / ₄	MRC	3
DF-HQ	8x	S	6 ⁵ / ₁₆
DF-ND	4	SF-BC	8 ¹ / ₂
DF-OD	9	SF-HH	7 ⁷ / ₈
DF-T	1 ⁵ / ₁₆	SF-HQ	8x
DP	1/2 NPT	SF-ND	5
FP	1/2 NPT	SF-OD	10
GP	1/2 NPT	SF-T	1 ⁵ / ₁₆
HA	N.A.	VH	9 ⁷ / ₁₆
HB	N.A.	VP	1/2 NPT
HC Max	N.A.	W	21 ³ / ₈
HD	N.A.	X	11 ¹³ / ₁₆
HD1	12 ⁵ / ₈	YY	11 ¹³ / ₁₆
HE2	N.A.	Z	6 ⁵ / ₁₆
HF1	N.A.		
HF2	N.A.		
HF3	N.A.		
HF4	N.A.		
HF5	N.A.		
HG	N.A.		
HH	N.A.		

Connections	
Suction flange	Discharge flange
NPS 5	NPS 4
CL125	CL125
ASME B16.1 (e-XC)	ASME B16.1 (e-XC)
Weight (+/- 5%)	
Pump	539 lb
Coupling	4 lb
Coupling Guard	18 lb
Base plate	0 lb
Motor	425 lb
Total weight	986 lb

NOTE: consult factory for any missing dimension (N.A.)

Dimensions and weight without obligation

Project

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