

## e-XC5x6x7.5/125H6D2WNTBA1CC1G

### 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/ft <sup>3</sup> 62.4
5	Static head	ft 0	Kin. viscosity at t A	ft <sup>2</sup> /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 7/16
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 7.677
12	No. of stages	1		designed inch 7.677
13	Suction flange	NPS 6 / CL125 / ASME B16.1 (e-XC)		Min. inch 6.102
14	Discharge flange	NPS 5 / CL125 / ASME B16.1 (e-XC)	Flow	Nominal US g.p.m.
15	Max. casing pressure	psi 175		Max- US g.p.m. 2109
16	Max. working pressure	psi 105.8	Min- US g.p.m. 355	
17	Impeller type	Radial impeller	Head	Nominal ft
18	Head H(Q=0)	ft 240		at Qmax ft 143.5
19	Max. shaft power	hp 97.1		at Qmin ft 240.6
20	Pump weight	lb 616.0	Shaft power	hp
21	Total weight	lb 659.4	Efficiency	%
			NPSH 3%	ft

#### Materials

Pump		Shaft Seal	
22			
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
27	Shaft Sleeves	Stainless steel CF8 (304) [STD]	Stationary ring
28	Shaft Sleeve Nuts	Stainless steel CF8 (304) [STD]	Elastomers
29	Casing Wear Ring	Bronze [STD]	Springs
30	Impeller Wear Ring	Stainless steel CF8 (304) [STD]	Other metal parts
31	Lantern Ring	Polytetrafluoroethylene (PTFE)	
32	Seal flush lines	Stainless steel CF8 (304) [STD]	
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#### Motor data

42	Manufacturer	Baldor		Manufacturer	TB Woods Dura-Flex - NON Spacer [STD]	
43	Specific design	NEMA 3 ph TEPE		Type	WE20	
44	Type	Frame 444TS - 125 hp		Frame size	WE20	
45	Rated power	125 hp	Item no.	P0001138	Spacer length	inch 1/2
46	Nominal speed	3560 rpm	Service factor	1.15	Weight	lb 16.3
47	Frame size	444TS	Electric voltage	460 V	Coupling guard	Coupling Guard KIT-2 27.10 lb
48	Weight	lb 0.0	Shaft diameter	2 3/8 inch	Coupling Guard Material	Painted carbon steel

#### Base plate

49	Name	consult factory		Remarks
50	Weight	lb 0.0		

Project	Project ID	Created by	Created on	Last update
		kelly kresa	02-03-22	02-03-22

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### Performance Curve

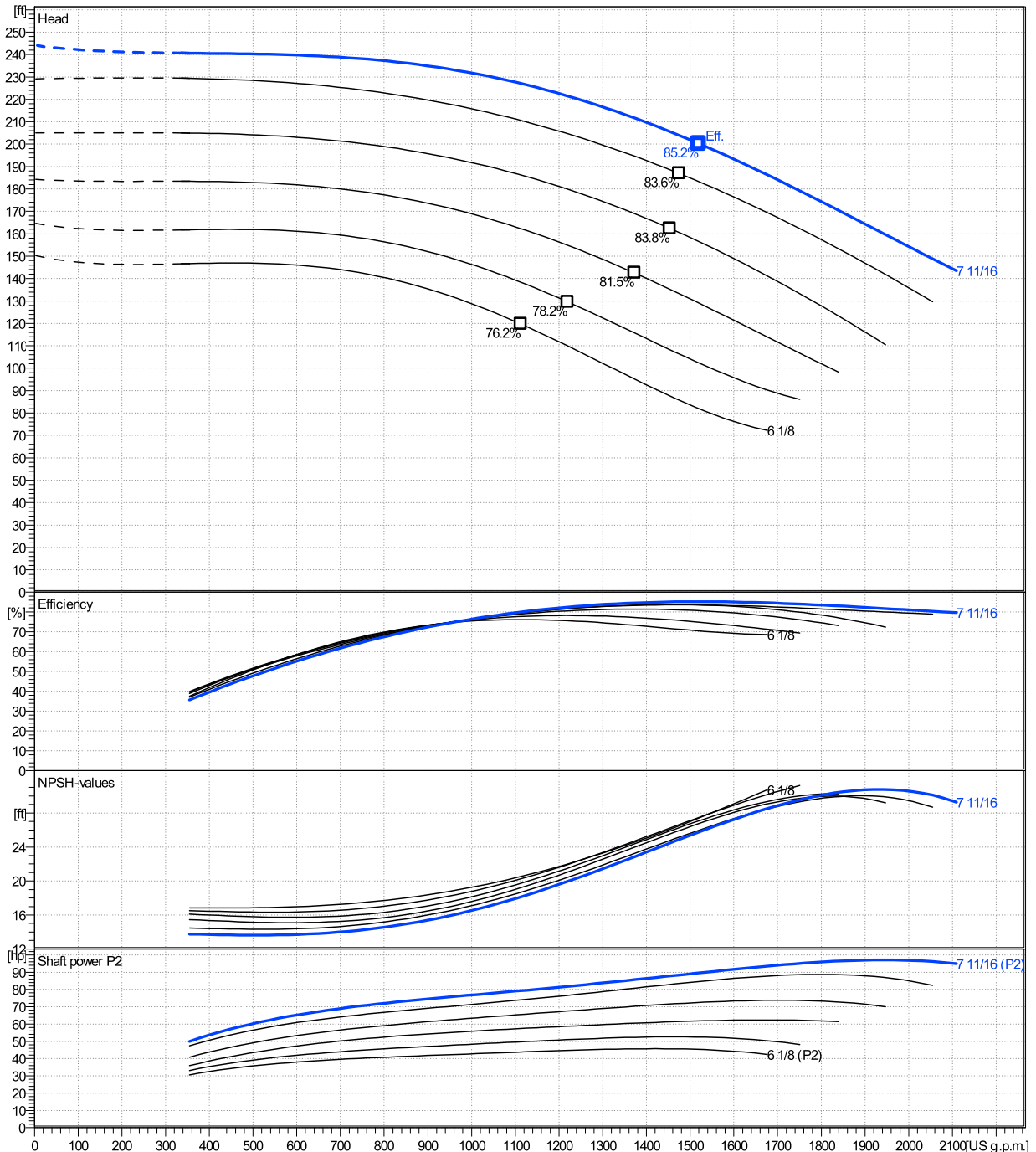
Company Name  
Contact  
Phone number  
E-Mail address

	Ø inch	Delivered Flow Application Range			Lift Capability		Shaft Power P2			Frequency		Hz	60
		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	7.677	355	2110	1520	244	200	97.1	89.6		Nominal head	ft	0	
Min.	6.102	/	/	1110	150	120	/	43.8		Inlet pressure	psi	0	
Max.	7.677	/	/	1520	244	200	/	89.6		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



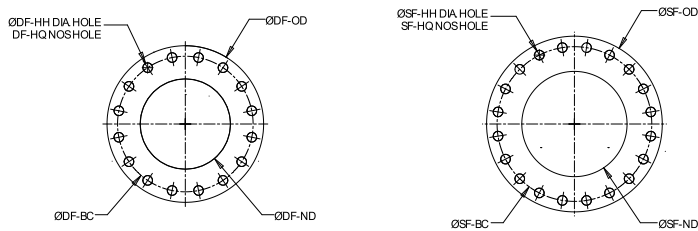
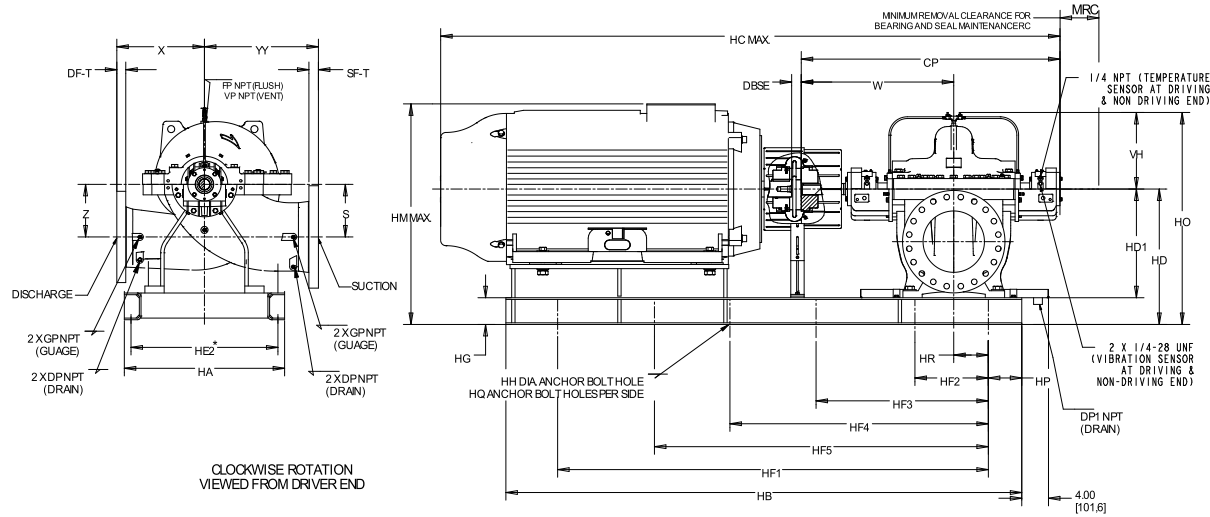
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## e-XC5x6x7.5/125H6D2WNTBA1CC1G

## Dimensions

Company Name  
Contact  
Phone number  
E-Mail address

Complete Unit with Baseplate  
Clockwise Rotation - viewed from motor end [STD]  
NEMA 3 ph TEPE Frame 444TS - 125 hp



Dimensions [ inch ]			
Anchor	N.A.	HM Max	N.A.
CP	39 <sup>3</sup> / <sub>16</sub>	HO	N.A.
DBSE	1 <sup>1</sup> / <sub>2</sub>	HP	N.A.
DF-BC	8 <sup>1</sup> / <sub>2</sub>	HR	N.A.
DF-HH	7 <sup>7</sup> / <sub>8</sub>	MRC	
DF-HQ	8x	S	6 <sup>11</sup> / <sub>16</sub>
DF-ND	5	SF-BC	9 <sup>1</sup> / <sub>2</sub>
DF-OD	10	SF-HH	7 <sup>7</sup> / <sub>8</sub>
DF-T	15 <sup>15</sup> / <sub>16</sub>	SF-HQ	8x
DP	1/2 NPT	SF-ND	6
FP	1/2 NPT	SF-OD	11
GP	1/2 NPT	SF-T	1
HA	N.A.	VH	9 <sup>3</sup> / <sub>4</sub>
HB	N.A.	VP	1/2 NPT
HC Max	N.A.	W	21 <sup>3</sup> / <sub>8</sub>
HD	N.A.	X	11 <sup>13</sup> / <sub>16</sub>
HD1	13 <sup>3</sup> / <sub>4</sub>	YY	13 <sup>3</sup> / <sub>4</sub>
HE2	N.A.	Z	6 <sup>11</sup> / <sub>16</sub>
HF1	N.A.		
HF2	N.A.		
HF3	N.A.		
HF4	N.A.		
HF5	N.A.		
HG	N.A.		
HH	N.A.		

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

Connections	
<b>Suction flange</b>	<b>Discharge flange</b>
NPS 6	NPS 5
CL125	CL125
ASME B16.1 (e-XC)	ASME B16.1 (e-XC)
<b>Weight</b>	<b>(+/- 5%)</b>
Pump	616 lb
Coupling	16 lb
Coupling Guard	27 lb
Base plate	0 lb
Motor	0 lb
<b>Total weight</b>	<b>659 lb</b>

### Dimensions and weight without obligation

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