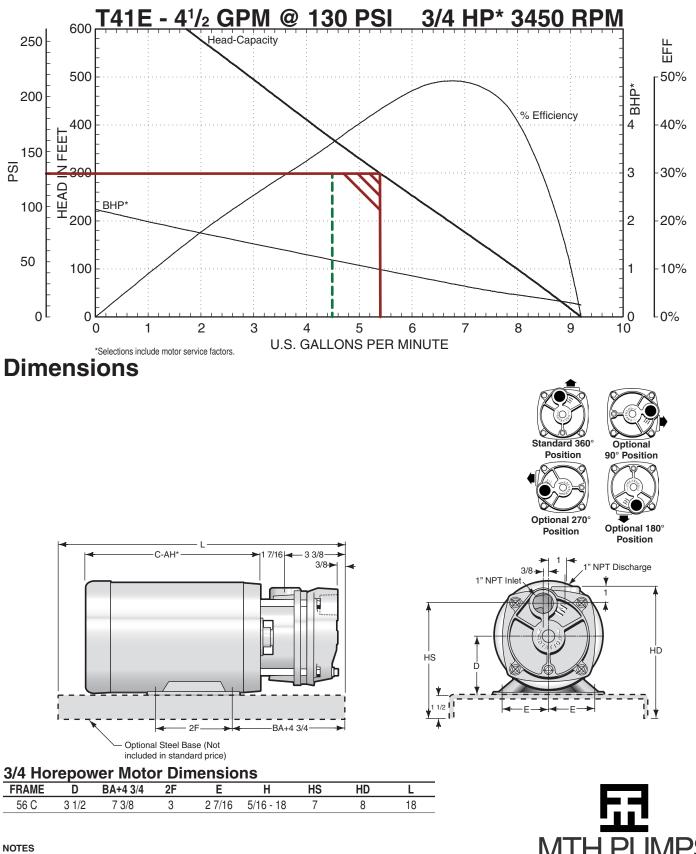
T41E Jockey Pump Submittal Sheet **Performance Curve**



All dimensions in inches. May vary ± ¼ inches. Not for construction purposes unless certified. *See motor dimensions for "C-AH" dimension (Varies depending on motor enclosure).

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Horizontal Close Coupled Design Specifications

The contractor shall furnish (and install as shown on the plans) an MTH T41 Series horizontal close coupled regenerative turbine type pump model T41E size 1" by 1" of bronze fitted construction. Each pump shall have a capacity of _____GPM when operating at a total PSI of ______. Suction pressure will be _____feet with a liquid temperature of ______°F.

The pump is to be furnished with a mechanical seal with stainless steel metal parts, Buna elastomers, ceramic seat and carbon washer. A stainless steel shaft or a shaft sleeve shall be furnished in pumps up to three horsepower and a 316 stainless steel shaft in pumps five horsepower and larger.

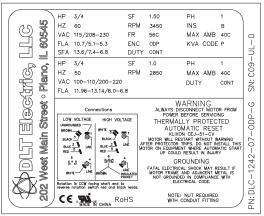
The pump casing shall be vertically split two piece, end suction and top discharge with water passageways accurately machined into each piece. The impeller shall be hydraulically self centering and no external adjustment shall be necessary.

The pump shall be close coupled to a standard NEMA "C" face 3/4 HP ____phase ____Hertz ____voltage ____RPM horizontal open drip proof motor. The motor shall be sized to prevent overloading at the highest head condition listed in the specifications.

1-Phase Bills of Materials

Item ID: 8C-T410EBFSCSXSAXX-CF71AD				
Item Description: T410E BF T21 Cer C/C 3/4 HP 1/60/115/208-230V 3450 RPM ODP Motor				
Item Number	Description	Qty Needed		
12-1068-01-457	Type 21 Rotating Element .875" Buna Seal	1		
1-2216-0E-543	T41 E Motor Bracket, Teflon Coated	1		
2-2206-0E-543	T41 E Cover, Teflon Coated	1		
17-1390-01-181	Sleeve, Shaft, Brass	1		
15-1168-01-104	Setscrew, 18-8 SS	2		
125-1282-01-592	Seal Seat, 0.875 Ceramic, O-Ring Style	1		
22-4265-01-101	Plug, 1/8 SAE	1		
135-1179-01-457	Oring, -218 Buna Included w/ Seat	1		
7-3970-01-457	O Ring, -902 Buna (Drain Plug)	1		
7-2479-01-457	O Ring, -159 Buna	1		
	Motor, 56C-Face, DLT Electric, 1/3 Hp, 1 Phase, 2 Poles, ODP CC	1		
19-1997-01-080	Machine Bolt, 3/8-16 + 4"L	4		
23-1487-01-080	Key, Sleeve	1		
11-2226-0E-206	Impeller, T41E Bronze	1		
23-1022-01-104	Drive Key, 316SS	1		
14-1049-01-080	Drive Collar	1		

1-Phase Motor Nameplate



3-Phase Bills of Materials

Item ID: 8C-T410EBFSCSXSAXX-CF79ED				
Item Description: T410E BF T21 Cer C/C 3/4 HP 3/60/208-230/460V 3450 RPM ODP motor				
Item Number	Description			
12-1068-01-457	Type 21 Rotating Element .875" Buna Seal	1		
1-2216-0E-543	T41 E Motor Bracket, Teflon Coated	1		
2-2206-0E-543	T41 E Cover, Teflon Coated	1		
17-1390-01-181	Sleeve, Shaft, Brass	1		
15-1168-01-104	Setscrew, 18-8 SS	2		
125-1282-01-592	Seal Seat, 0.875 Ceramic, O-Ring Style	1		
22-4265-01-101	Plug, 1/8 SAE	1		
135-1179-01-457	Oring, -218 Buna Included w/ Seat	1		
7-3970-01-457	O Ring, -902 Buna (Drain Plug)	1		
7-2479-01-457	O Ring, -159 Buna	1		
FRC-1250-07-ODP	1/2 HP 3/60/230/460V 3450 RPM ODP Bluffton [3/50/190/3802880]	1		
19-1997-01-080	Machine Bolt, 3/8-16 + 4"L	4		
23-1487-01-080	Key, Sleeve	1		
11-2226-0E-206	Impeller, T41E Bronze	1		
23-1022-01-104	Drive Key, 316SS	1		
14-1049-01-080	Drive Collar	1		

3-Phase Motor Nameplate

BLUFF 410 E. Sp Bluffton,		DTOR DRKS	Blank MOD 1303007156 REF 1250-07-ODP	
60.HZ HP 3/4 RPM 3450 V 208-230/460 FLA 2.6-2.6/1.3 SF 1.5 SFA 3.4-3.4/1.7	<u>50.HZ</u> 3/4 2875 190-220/380-440 3.0-3.2/1.5-1.6 1.0 Blank	FR 56C MANE 40 ENC DP RATE CON KOME L DOTE	PH 3 INS B	
Berk LOW VOLTAGE $11 \longrightarrow 7$ $12 \longrightarrow 2$ $3 \longrightarrow 6$ HIGH VOLTAGE $13 \longrightarrow 3$ HIGH VOLTAGE $11 \longrightarrow 7$ $12 \longrightarrow 2$ $5 \longrightarrow 6$ $13 \longrightarrow 7$ $14 \longrightarrow 7$ $12 \longrightarrow 2$ $5 \longrightarrow 8$ $13 \longrightarrow 9$		WARNING - Always disconned motor from power supply before service. MOTECONTAINS NO INFORMATION OF THE INFORMATION MOTION OF THE INFORMATION FORMATION OF THE INFORMATION AND		

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