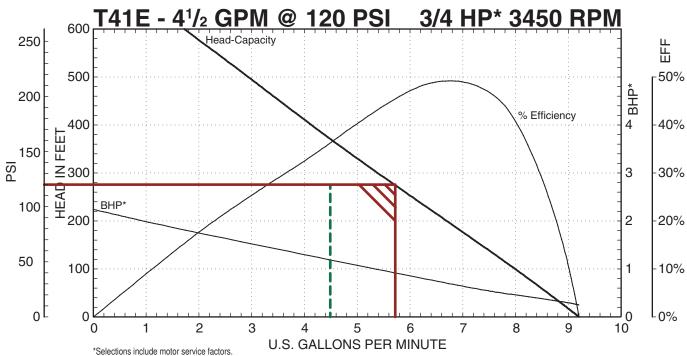
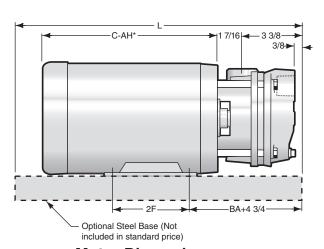
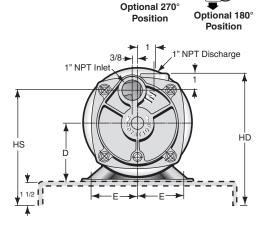
T41E Jockey Pump Submittal Sheet

Performance Curve



Dimensions





Standard 360°

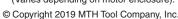
Position

Optional 90° Position

3/4 Horepower Motor Dimensions

| FRAME | D | BA+4 3/4 | 2F | Е | Н | HS | HD | L |
|-------|-------|----------|----|--------|-----------|----|----|----|
| 56 C | 3 1/2 | 7 3/8 | 3 | 2 7/16 | 5/16 - 18 | 7 | 8 | 18 |

All dimensions in inches. May vary ± 1/4 inches. Not for construction purposes unless certified. *See motor dimensions for "C-AH" dimension (Varies depending on motor enclosure).





401 West Main Street • Plano, IL 60545-1436 Phone: 630-552-4115 • Fax: 630-552-3688 Email: SALES@MTHPUMPS.COM http://WWW.MTHPUMPS.COM Dated February 2019 **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.

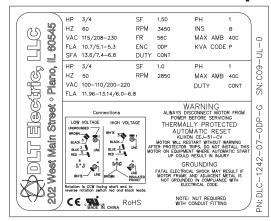
The pump casing shall be vertically split two piece, end suction and top discharge with water passageways accurately machined into each piece. The impeller shall be hydraulically self centering and no external adjustment shall be necessary.

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 | | | | |

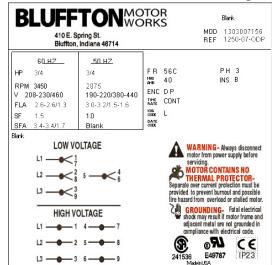
1-Phase Motor Nameplate



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 | 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 | | | | |
| | 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 | | | | |
| | Machine Bolt, 3/8-16 + 4"L | 4 | | | | |
| | 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





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