



Drum/Barrel Pumps

Container-to-Container, Liquid Transfer

Drum/Barrel Pumps

ATEX100



| Models | EP Series | PF Series | TB Series | TBP Series |
|-----------------------|---|---|---|---|
| Description | Lightweight pump suitable for low volumes of chemicals, mild corrosives and acids. Rated intermittent duty. | High performance pump suitable for acids, corrosives, chemicals and flammables. Rated continuous duty. ATEX models available. | Lightweight pump suitable for low viscosity mild corrosives, solvents and chemicals. Fits smaller bung openings. Rated continuous duty. | Light to medium viscosity drum pump constructed of pure materials. Suitable for use with bleach, nitric acids, hydrochloric acids, sulfuric acids, etc. |
| Tube Type | Sealed | Sealless | Sealed | Sealed |
| Tube Construction | Polypropylene tube with 316SS or Alloy 625 shaft. | Polypropylene, PVDF, 316SS | 316SS | Pure polypropylene/Pure PVDF |
| Temperature | 120°F (49° C) | Polypropylene - 160°F (71°C) PVDF - 120°F (49°C) 316SS - 220°F (105°C) | 150°F (66°C) | 150°F (66°C) |
| Flow Rate* - Electric | 6 gpm (23 lpm) | 40 gpm (151 lpm) | 20 gpm (75.7 lpm) | 20 gpm (75.7 lpm) |
| - Air | 6 gpm (23 lpm) | 22 gpm (83 lpm) | 15 gpm (56.8 lpm) | 15 gpm (56.8 lpm) |
| Head* - Electric | 12 feet (3.7 m) | 80 feet (24 m) | 28 feet (8.53 m) | 39.5 feet (12 m) |
| - Air | 12 feet (3.7 m) | 38 feet (11.6 m) | 16 feet (4.9 m) | 19 feet (5.8 m) |
| Viscosity (cP)* | 150 | 2000 (electric), 330 (air) | 200 | 200 |
| Tube Lengths | 15" (38 cm), 27" (69 cm), 40" (102 cm) | 27" (69 cm), 40" (102 cm), 48" (122 cm), 60" (152 cm), 72" (183 cm) | 40" (102 cm) | 27" (69 cm), 40" (102 cm), 48" (122 cm) |
| Tube Diameter | 1" (2.5 cm) | 2" (5.1 cm) | 1.5" (3.8 cm) | 1.66" (4.2 cm) |
| Motors | M54, M55, M56, M57 | M3, M3T, M3X, M5, M5T, M5X, M10X, M13, M58P, M59P, M6, MSX | M3, M3T, M5, M5T, M10X, M6, M6X, M13 | M3, M3T, M5, M5T, M10X, M13, M6 |

*These are maximum values. Performance of respective pumps is based on pumping water at room temperature.

See Drum Pump Motors on page 12.



Drum/Barrel Pumps

Container-to-Container, Liquid Transfer

Drum/Barrel Pumps



| Models | TT Series | BT Series | HVDP Series | TM Series |
|-----------------------|---|--|--|---|
| Description | Medium viscosity drum pump suitable for corrosives, flammables, high purity and sanitary applications. Rated continuous duty. | High viscosity/high head drum pump suitable for corrosives and flammables. | Progressive cavity, high viscosity drum pump suitable for pumping chemicals, cosmetics, foods, or coatings up to 100,000 cP. | 4-blade, turbine drum mixer ideal for mild corrosives, solvents, or flammables of light to medium viscosity. Ideal for mixing drums with settled materials. |
| Tube Type | Sealed | Sealed | Mechanical seal | Sealed |
| Tube Construction | CPVC, 316SS, USDA Sanitary | 316SS | 316SS | 316SS |
| Temperature | 150°F (66°C) | 200°F (93°C) | 180°F (82°C) | 200°F (93°C) |
| Flow Rate* - Electric | 10 gpm (38 lpm) | 10 gpm (38 lpm) | 8-1/2 gpm (32 lpm) | 14 gpm (53 lpm) |
| - Air | 16 gpm (60 lpm) | | | |
| Head* - Electric | 10 feet (3 m) | 200 feet (61 m) | 300 feet (91 m) | |
| - Air | 30 feet (9 m) | | | |
| Viscosity (cP)* | 400 (electric), 2000 (air) | 15,000 | 20,000 - HR model; 100,000 - LR model | 1,000 |
| Tube Lengths | 27" (69 cm), 40" (102 cm), 48" (122 cm) | 40" (102 cm) | 27" (69 cm), 40" (102 cm), 48" (122 cm) | 40" (102 cm) |
| Tube Diameter | 1-1/2" (3.8 cm) 316SS or 1-5/8" (4.1 cm) CPVC | 2" (5.1 cm) | 2" (5.1 cm) | 2" (5.1 cm) |
| Motors | M7T, M7X, M8T, M6, M6X | M15, M16, M17, M18, M19, M20, M27, M28, M29, M39, M40 | M58, M59H, M60, M61, M62, M63, M64, M65, M66 | M7T, M8T, M7X, M6X |

*These are maximum values. Performance of respective pumps is based on pumping water at room temperature.

See Drum Pump Motors on page 12.



Drum/Barrel Pump Motors

M54, M55, M56



M3, M5, M13



M15, M16,
M17



M60/M61/M62/M63 M64



M3T/M5T/M8T



M3X/M5X/
M7X/M10X



M58P, M59P

M58H, M59H



M6X

M6

M18, M19, M20

SPLASH-PROOF

| Model | Power | Speed (RPM) | Description | Pump Series |
|-------|---------------|-------------|-------------------|-------------|
| M54 | 230V/50-60 Hz | 10,000 | IP44, CE | EP |
| M55 | 115V/60 Hz | 10,000 | Splash-proof, CSA | EP |
| M56 | 115V/50-60 Hz | 10,000 | IP44, CE | EP |
| M3 | 115V/50-60 Hz | 10,000 | Drip-proof, CSA | PF, TB, TBP |
| M5 | 230V/50-60 Hz | 10,000 | IP24, CE | PF, TB, TBP |
| M13 | 115V/50-60 Hz | 10,000 | IP24, CE | PF, TB, TBP |

ENCLOSED

| Model | Power | Speed (RPM) | Description | Pump Series |
|-------|--------------------------|-------------|---------------|-------------|
| M3T | 115V/50-60 Hz | 10,000 | TEFC, CSA | PF, TB, TBP |
| M5T | 230V/50-60 Hz | 10,000 | TEFC, CE | PF, TB, TBP |
| M7T | 115V/50-60 Hz | 2850/3450 | TEFC, CSA | TT, TM |
| M8T | 230V/50-60 Hz | 2850/3450 | TEFC, CE | TT, TM |
| M15* | 230-460V/50-60 Hz | 3,450 | TEFC, CSA, UL | BT |
| M60 | 1 HP, 115-230V/60 Hz | 3,450 | TEFC, CSA, UL | HVDP |
| M61 | 1 1/2 HP, 115-230V/60 Hz | 3,450 | TEFC, CSA, UL | HVDP |
| M62 | 2 HP, 115-230V/60 Hz | 3,450 | TEFC, CSA, UL | HVDP |
| M63 | 1 HP, 230-460V/50/60 Hz | 3,450 | TEFC, CSA, UL | HVDP |
| M64 | 2 HP, 230-460V/50/60 Hz | 3,450 | TEFC, CSA, UL | HVDP |

EXPLOSION-PROOF

| Model | Power | Speed (RPM) | Description | Pump Series |
|-------|----------------|-------------|--------------|-------------|
| M3X | 115V/50-60 Hz | 5,000 | EXP, CSA | PF |
| M5X | 230V/50-60 Hz | 5,000 | EXP | PF |
| M7X | 115V/50-60 Hz | 2,850/3,450 | EXP, CSA | TT, TM |
| M10X | 230V/50-60 Hz | 10,000 | EXP, ATEX | TBP, PF, TB |
| M24X | 230/460V-60Hz | 3,450 | EXP, CSA, UL | BT |
| M25X | 230/460V-60 Hz | 1,725 | EXP, CSA, UL | BT |
| M33X | 115/230V-60 Hz | 3,450 | EXP, CSA, UL | BT |

VARIABLE SPEED

| Model | Power | Speed (RPM) | Description* | Pump Series |
|-------|---------------------|-------------|----------------|-------------|
| M58H | 1 HP, 115V/50-60 Hz | 10,000 | TEFC | HVDP |
| M59H | 800w, 230V/50-60 Hz | 10,000 | TEFC, IP54, CE | HVDP |
| M58P | 1 HP, 115V/50-60 Hz | 10,000 | TEFC | PF |
| M59P | 800w, 230V/50-60 Hz | 10,000 | TEFC, IP54, CE | PF |

*All Are Variable Speed

AIR

| Model | Power | Speed (RPM) | Description | Pump Series |
|-------|-------|-------------|---------------|---------------------|
| M57 | - | 300-6,000 | Air, CE | EP |
| M6 | - | 300-6,000 | Air, CE, ATEX | PF, TB, TBP, TT, TM |
| M6X | - | 300-3,000 | Air, CE, ATEX | PF, TB, TBP, TT, TM |
| M65 | - | 300-3,000 | Air, CSA | HVDP |
| M66 | - | 300-3,000 | Air, CSA | HVDP |
| M18* | - | 300-3000 | Air, CSA | BT |

*NOTE: Additional motors are available. If you don't find your motor type listed above, please consult FTI Sales. Also, ask about our wide offering of accessories for drum pumps including nozzles, hoses, strainers, meters, wall mount brackets, etc.



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