Multi-Purpose Turbine Pumps

Higher Flow Rates and Better Sealing Performance than the Competition

Features of Models 18 and 19:

- Higher flow rates than previous DL-Model pumps
- Designed for dual hose dispensing applications
- Dimensionally interchangeable with Corken’s direct mount pumps
- New mounting holes make it easier to retrofit competitive models
- All maintenance performed by simply removing the cover
- The mechanical seal is the only wear part
- Industry leading seal seat material (SiC) improves sealing performance and extends the life of the mechanical seal
- Free-floating impeller has no metal-to-metal contact delivering many years of trouble-free service
- Optional discharge ports (1” at top, ¾” on side)

Applications:

- Autogas Dispensing
- Cylinder Filling
- Forklift Refueling
- Vaporizer Feed
- Aerosol Propellant

Model 18 Performance Curves

Model 19 Performance Curves
Nozzle Rotation

To aid the installation process, the pump nozzles can be rotated into four different positions, 90 degrees apart, if necessary.

Outline Dimensions

DL-Model (Direct Mount)

F-Model (Frame Mount)

DL-Model (Direct Mount) with 5 Hp, Single and Three Phase Motor–60 Hz

| Motor Phase | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W |
| Single      | Inlet 1-1/2” NPT | Outlet 1” NPT | 3/4” NPT | 8-3/8” (212.7) | 4-5/16” (112.7) | 1” NPT | 2-3/8” (60.33) | 5-3/8” (136.5) | 3-7/8” (98.4) | 9-1/4” (235.0) | 2-5/16” (58.7) | 5-1/2” (139.7) | 7-3/4” (196.9) | 2-1/16” (52.4) | 1/2” (12.7) | 1/4” NPT | Bolt: 13/32” (10.3) |
| Three       | Inlet 1-1/2” NPT | Outlet 1” NPT | 3/4” NPT | 8-3/8” (212.7) | 4-5/16” (112.7) | 1” NPT | 2-3/8” (60.33) | 5-3/8” (136.5) | 3-7/8” (98.4) | 9-1/4” (235.0) | 2-5/16” (58.7) | 5-1/2” (139.7) | 7-3/4” (196.9) | 2-1/16” (52.4) | 1/2” (12.7) | 1/4” NPT | Bolt: 13/32” (10.3) |

All dimensions are in inches (millimeters). Motor dimensions are for reference only.

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