

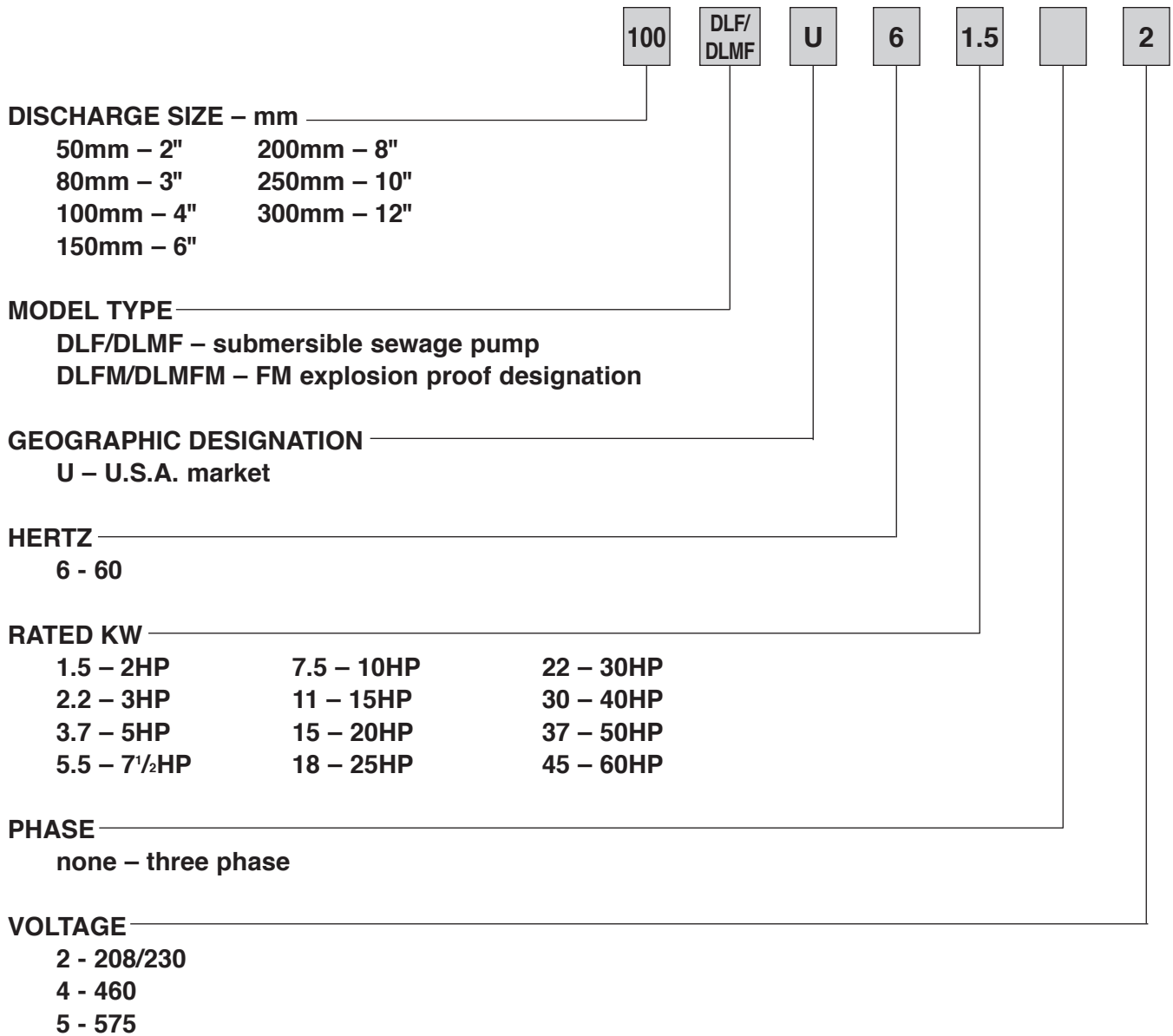
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| 80DLFU611 | 100DLFU618 | 200DLFU618 | |
| 80DLCMFU611 | 100DLMFU618 | 200DLFU622 | |
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Model Designation



Specifications

Model DLFU
Specifications

| | Standard | Optional |
|---|--|---|
| Size | 2, 3, 4, 6, 8, 10, 12 inch | |
| Range of HP | 2 to 60 HP | |
| Range of Performance | Capacity 13 to 4000 GPM Head 7 to 243 feet | |
| Limitation Maximum Water Temperature | 104°F (40°C) | |
| Synchronous Speed | 1800 RPM | |
| Materials Casing Impeller Shaft Motor Frame Fastener | Cast Iron Cast Iron (2 to 60HP) Ductile Iron (150-300 DLFU 40 to 60 HP) 403 Stainless Steel (2 to 5HP) 420 Stainless Steel (7½ to 60HP) Cast Iron 304 Stainless Steel | |
| Mechanical Seal Material – Upper Side Material – Lower Side Impeller Type Bearing Motor Three Phase Service Factor Motor Protection Submersible cable | Double Mechanical Seal Carbon/Ceramic (2 to 60HP) Silicon Carbide/Silicon Carbide (2 to 60HP) Tungsten Carbide/Tungsten Carbide (150-300 DLFU 50 and 60HP only) Semi-open (2 to 30HP) Enclosed (40 to 60HP) Prelubricated Ball Bearing Insulation Class F (2-5HP), H (7½ to 60HP) 208/230/460V 1.15 Thermal Detector – Klixons Mechanical Seal Leakage Detector – Float Switch 33 ft. (2 to 5HP) 50 ft. (7½ to 60HP) | Tungsten Carbide/Tungsten Carbide Tungsten Carbide/Tungsten Carbide FM Explosion Proof, Class 1, Division 1, Group C, D ____ ft. (customer specified) |
| Accessories | | QDC System |



Specifications

A. General:

Provide submersible sewage pumps suitable for continuous duty operation underwater without loss of watertight integrity to a depth of 65 feet. Pump system design shall include a guide rail system be such that the pump will be automatically connected to the discharge piping when lowered into place on the discharge connection. The pump shall be easily removable for inspection or service, requiring no bolts, nuts, or other fasteners to be disconnected, or the need for personnel to enter the wet well. The motor and pump shall be designed, manufactured, and assembled by the same manufacturer.

B. Manufacturer:

EBARA International Corporation

C. Pump Characteristics:

Pumps shall conform to the following requirements:

| | |
|------------------------------------|---------------------|
| Number of units | |
| Design flow (gpm) | |
| Design TDH (ft) | |
| Minimum shut off head (ft) | |
| RPM | 1800 |
| Maximum HP | |
| Minimum efficiency at design (%) | |
| Minimum power factor at design (%) | |
| Voltage/HZ | 208/230V, 460V / 60 |
| Phase | 3 |

D. Pump Construction:

All major parts of the pumping unit(s) including casing, impeller, suction cover, wear rings, motor frame and discharge elbow shall be manufactured from gray cast iron, ASTM A-48 Class 30. Castings shall have smooth surfaces devoid of blow holes or other casting irregularities. Casing design shall be centerline discharge with a large radius on the cut water to prevent clogging. Units shall be furnished with a discharge elbow and 125 lb. flat face ANSI flange. All exposed bolts and nuts shall be 304 stainless steel. All mating surfaces of major components shall be machined and fitted with NBR O-rings where watertight sealing is required. Machining and fitting shall be such that sealing is accomplished by automatic compression of O-rings in two planes and O-ring contact is made on four surfaces without the requirement of specific torque limits. Internal and external surfaces are prepared to SPPC-VISI-SP-3-63 then coated with a zinc-chromate primer. The external surfaces are then coated with a H.B. Teneme-Tar 46H-413 Polyamide Epoxy - Coal Tar paint

1. Impellers:

- a. For units 2 to 5 HP, the impeller shall be radial single or multi-vane, semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long thrulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 2 to 5 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.
- b. For units 7½ to 30 HP, the impeller shall be a mixed flow multi-vane semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long thrulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 7½ to 30 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct

Specifications

connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.

- c. For high head units with 4" discharge, 40 to 60 HP shall have a radial multi-vane, enclosed impeller design. It shall be dynamically balanced and shall be designed for solids handling with a long thrulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. A lip seal shall be located behind the impeller hub to reduce the entry of foreign materials into the mechanical seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable casing wear ring at the pump suction to maintain working clearances and hydraulic efficiencies.
- d. For units 6" to 12" discharge sizes, 40 to 60 HP, the impeller shall be a mixed flow multi-vane enclosed design. It shall be dynamically balanced and shall be designed for solids handling with a long thrulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. A lip seal shall be located behind the impeller hub to reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable casing wear ring at the pump suction to maintain working clearances and hydraulic efficiencies.

Optional K-series design:

- e. For units 2 to 5 HP, the impeller shall be radial single or multi-vane, semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long thrulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 2 to 5 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall contain a groove(s) perpendicular to the suction opening to disrupt fibrous solids that may otherwise become lodged between the impeller and suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.
- f. For units 7½ to 30 HP, the impeller shall be a mixed flow multi-vane semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long thrulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 7½ to 30 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall contain a groove(s) perpendicular to the suction opening to disrupt fibrous solids that may otherwise become lodged between the impeller and suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.

2. Mechanical Seals

- a. For units 2 to 5 HP, double mechanical seals operating in an oil bath shall be provided on all units. The oil filled seal chamber shall be designed to prevent over-filling and include an anti-vortexing vane to insure proper lubrication of both seal faces. Lower face materials shall be silicon carbide, upper faces carbon vs. ceramic, NBR elastomers, and 304SS hardware. Seal system shall not rely on pumping medium for lubrication.
- b. Units 7½ to 60 HP shall be designed to include a double mechanical seal in a tandem arrangement. Each seal shall be positively driven and act independently with its own spring system. The upper seal operates in an oil bath, while the lower seal is lubricated by the oil from between the shaft and the seal faces, and in contact with



Specifications

the pumpage. The oil filled seal chamber shall be designed to prevent over-filling and include an anti-vortexing vane to insure proper lubrication of both seal faces. Lower face materials shall be silicon carbide (tungsten carbide for 150-300 DLF 50 & 60 HP only), upper faces carbon vs. ceramic, NBR elastomers, and 304SS hardware. Seal system shall not rely on pumping medium for lubrication.

E. Motor Construction:

The pump motor shall be an air filled induction type with a squirrel cage rotor, shell type design, built to NEMA MG-1, Design B specifications. Stator windings shall be copper, insulated with moisture resistant Class H insulation, rated for 356°F. The stator shall be dipped and baked three times in Class H varnish and heat shrunk fitted into the stator housing. Rotor bars and short circuit rings shall be manufactured of cast aluminum. Motor shaft shall be one piece AISI403 for 2 to 5 HP, AISI420 for 7½ to 60 HP, rotating on two permanently lubricated ball bearings designed for a minimum B-10 life of 60,000 hours. Motor service factor shall be 1.15 and capable of up to 20 starts per hour. The motor shall be designed for continuous duty pumping at a maximum sump temperature of 104°F. Voltage and frequency tolerances shall be a maximum 10 / 5% respectively. Motor over temperature protection shall be provided by miniature thermal protectors embedded in the windings. Mechanical seal failure protection shall be provided by a mechanical float switch located in a chamber above the seal. This switch shall be comprised of a magnetic float that actuates a dry reed switch encapsulated within the stem. Should the mechanical seal fail, liquid shall be directed into the float chamber, in which the rising liquid activates the switch opening the normally closed circuit. For units 2 to 30 HP the float body and float shall be a polypropylene material with a 316SS stopper. Units 40 HP and greater, the float switch components shall be 304SS. The motor shall be non-overloading over the entire specified range of operation and be able to operate at full load intermittently while unsubmerged without damage to the unit.

Power cable jacket shall be manufactured of an oil resistant chloroprene rubber material, designed for submerged applications. Cable shall be watertight to a depth of at least 65'. The cable entry system shall comprise of primary, secondary, and tertiary sealing methods. The primary seal shall be achieved by a cylindrical elastomeric grommet compressed between the motor cover and a 304SS washer. Secondary sealing is accomplished with a compressed O-ring made of NBR material. Compression and subsequent sealing shall preclude specific torque requirements. The system shall also include tertiary sealing to prevent leakage into the motor housing due to capillary action through the insulation if the cable is damaged or cut. The cable wires shall be cut, stripped, re-connected with a copper butt end connector, and embedded in epoxy within the cable gland. This provides a dead end for leakage through the cable insulation into the motor junction area. The cable entry system shall be the same for both the power and control cables.

F. Guide Rail system:

Design shall include two (2) 304SS schedule 40 guide rails sized to mount directly to the quick discharge connector, QDC, at the floor of the wetwell and to a guide rail bracket at the top of the wetwell below the hatch opening, (refer to project drawings). Intermediate guide brackets are recommended for rail lengths over 15 feet.

Guide rails are not part of the pump package and shall be supplied by others.

The QDC shall be manufactured of cast iron, ASTM A48 Class 30. It shall be designed to adequately support the guide rails, discharge piping, and pumping unit under both static and dynamic loading conditions with support legs that are suitable for anchoring it to the wetwell floor. The face of the inlet QDC flange shall be perpendicular to the floor of the wetwell. The discharge flange of the QDC shall conform to ANSI B16.1 Class 125.

The pump design shall include an integral self-aligning sliding bracket. Sealing of the pumping unit to the QDC shall be accomplished by a single, linear, downward motion of the pump. The entire weight of the pump unit shall be guided to and wedged tightly against the inlet flange of the QDC, making metal to metal contact with the pump discharge forming a seal without the use of bolts, gaskets or O-rings.

A stainless steel lifting chain of adequate length for removing and installing the pump unit is recommended. The chain shall have a round link with a 2-¼" inside diameter every two feet. This link will allow for a sliding pinch bar through the link to pick the chain, more than once if necessary, at multiple intervals during pump removal and installation.



Specifications

A. General:

Provide FM explosion proof submersible non clog sewage pumps suitable for continuous duty operation underwater without loss of watertight integrity to a depth of 65 feet. Pump system design shall include a guide rail system be such that the pump will be automatically connected to the discharge piping when lowered into place on the discharge connection. The pump shall be easily removable for inspection or service, requiring no bolts, nuts, or other fasteners to be disconnected, or the need for personnel to enter the wet well. The motor and pump shall be designed, manufactured, and assembled by the same manufacturer.

B. Manufacturer:

EBARA International Corporation

C. Pump Characteristics:

Pumps shall conform to the following requirements:

| | |
|------------------------------------|---------------------|
| Number of units | |
| Design flow (gpm) | |
| Design TDH (ft) | |
| Minimum shut off head (ft) | |
| RPM | 1800 |
| Maximum HP | |
| Minimum efficiency at design (%) | |
| Minimum power factor at design (%) | |
| Voltage/HZ | 208/230V, 460V / 60 |
| Phase | 3 |

D. Pump Construction:

All major parts of the pumping unit(s) including casing, impeller, suction cover, wear rings, motor frame and discharge elbow shall be manufactured from gray cast iron, ASTM A-48 Class 30. Castings shall have smooth surfaces devoid of blow holes or other casting irregularities. Casing design shall be centerline discharge with a large radius on the cut water to prevent clogging. Units shall be furnished with a discharge elbow and 125 lb. flat face ANSI flange. All exposed bolts and nuts shall be 304 stainless steel. All mating surfaces of major components shall be machined and fitted with NBR O-rings where watertight sealing is required. Machining and fitting shall be such that sealing is accomplished by automatic compression of O-rings in two planes and O-ring contact is made on four surfaces without the requirement of specific torque limits. Internal and external surfaces are prepared to SPPC-VISI-SP-3-63 then coated with a zinc-chromate primer. The external surfaces are then coated with a H.B. Teneme-Tar 46H-413 Polyamide Epoxy - Coal Tar paint.

1. Impellers:

- a. For units 2 to 5HP, the impeller shall be single or radial multi-vane, semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long throulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 2 to 5 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.
- b. For units 7½ to 30 HP, the impeller shall be a mixed flow multi-vane semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long throulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 7½ to 30 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct



Specifications

connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.

- c. For high head units, 4" discharge, 40 to 60 HP shall have a radial multi-vane, enclosed impeller design. It shall be dynamically balanced and shall be designed for solids handling with a long throulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. A lip seal shall be located behind the impeller hub to reduce the entry of foreign materials into the mechanical seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable casing wear ring at the pump suction to maintain working clearances and hydraulic efficiencies.
- d. For units 6" to 12" discharge sizes, 40 to 60 HP, the impeller shall be a mixed flow multi-vane enclosed design. It shall be dynamically balanced and shall be designed for solids handling with a long throulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. A lip seal shall be located behind the impeller hub to reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable casing wear ring at the pump suction to maintain working clearances and hydraulic efficiencies.

Optional K-series design:

- e. For units 2 to 5HP, the impeller shall be single or radial multi-vane, semi-open design. It shall be dynamically balanced and shall be designed for solids handling with a long throulet without acute turns. The inlet edge of the impeller vanes shall be angled toward the impeller periphery so as to facilitate the release of objects that might otherwise clog the pump. The 2 to 5 HP impeller design shall also include back pump out vanes to reduce the pressure and entry of foreign materials into the mechanical seal area. In addition, a lip seal shall be located behind the impeller hub to further reduce the entry of foreign materials into the seal area. Impellers shall be direct connected to the motor shaft with a slip fit, key driven, and secured with an impeller bolt. The design shall include a replaceable cast iron suction cover. The suction cover shall contain a groove(s) perpendicular to the suction opening to disrupt fibrous solids that may otherwise become lodged between the impeller and suction cover. The suction cover shall be designed such that it may be adjusted to maintain working clearances and hydraulic efficiencies.
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2. Mechanical Seals

- a. For units 2 to 5 HP, double mechanical seals operating in an oil bath shall be provided on all units. The oil filled seal chamber shall be designed to prevent over-filling and include an anti-vortexing vane to insure proper lubrication of both seal faces. Lower face materials shall be silicon carbide, upper faces carbon vs. ceramic, NBR elastomers, and 304SS hardware. Seal system shall not rely on pumping medium for lubrication.
- b. Units 7½ to 60 HP shall be designed to include a double mechanical seal in a tandem arrangement. Each seal shall be positively driven and act independently with its own spring system. The upper seal operates in an oil bath, while the lower seal is lubricated by the oil from between the shaft and the seal faces, and in contact with



Specifications

the pumpage. The oil filled seal chamber shall be designed to prevent over-filling and include an anti-vortexing vane to insure proper lubrication of both seal faces. Lower face materials shall be silicon carbide (tungsten carbide for 150-300 DLFU 50 & 60 HP only), upper faces carbon vs. ceramic, NBR elastomers, and 304SS hardware. Seal system shall not rely on pumping medium for lubrication.

E. Motor Construction:

The pump motor shall be FM Explosion Proof, Class 1, Division 1, Groups C, D. The design shall be an air filled induction type with a squirrel cage rotor, shell type design, built to NEMA MG-1, Design B specifications. Stator windings shall be copper, insulated with moisture resistant Class H insulation, rated for 356°F. The stator shall be dipped and baked three times in Class H varnish and heat shrunk fitted into the stator housing. Rotor bars and short circuit rings shall be manufactured of cast aluminum. Motor shaft shall be one piece AISI403 material for 2 to 5 HP, AISI420 for 7½ to 60 HP material, rotating on two permanently lubricated ball bearings designed for a minimum B-10 life of 60,000 hours. Motor service factor shall be 1.15 and capable of up to 20 starts per hour. The motor shall be designed for continuous duty pumping at a maximum sump temperature of 104°F. Voltage and frequency tolerances shall be a maximum 10 / 5% respectively. Motor over temperature protection shall be provided by miniature thermal protectors embedded in the windings. Mechanical seal failure protection shall be provided by a mechanical float switch located in a chamber above the seal. This switch shall be comprised of a magnetic float that actuates a dry reed switch encapsulated within the stem. Should the mechanical seal fail, liquid shall be directed into the float chamber, in which the rising liquid activates the switch opening the normally closed circuit. For units 2 to 10 HP the float body and float shall be a polypropylene material with a 316SS stopper. Units 15 HP and greater, the float switch components shall be 304SS. The motor shall be non-overloading over the entire specified range of operation and be able to operate at full load intermittently while unsubmerged without damage to the unit.

Power cable jacket shall be manufactured of an oil resistant chloroprene rubber material, designed for submerged applications. Cable shall be watertight to a depth of at least 65'. The cable entry system shall comprise of primary, secondary, and tertiary sealing methods. The primary seal shall be achieved by a cylindrical elastomeric grommet compressed between the motor cover and a 304SS washer. Secondary sealing is accomplished with a compressed O-ring made of NBR material. Compression and subsequent sealing shall preclude specific torque requirements. The system shall also include tertiary sealing to prevent leakage into the motor housing due to capillary action through the insulation if the cable is damaged or cut. The cable wires shall be cut, stripped, re-connected with a copper butt end connector, and embedded in epoxy within the cable gland. This provides a dead end for leakage through the cable insulation into the motor junction area. The cable entry system shall be the same for both the power and control cables.

F. Guide Rail system:

Design shall include two (2) 304SS schedule 40 guide rails sized to mount directly to the quick discharge connector, QDC, at the floor of the wetwell and to a guide rail bracket at the top of the wetwell below the hatch opening, (refer to project drawings). Intermediate guide brackets are recommended for rail lengths over 15 feet.

Guide rails are not part of the pump package and shall be supplied by others.

The QDC shall be manufactured of cast iron, ASTM A48 Class 30. It shall be designed to adequately support the guide rails, discharge piping, and pumping unit under both static and dynamic loading conditions with support legs that are suitable for anchoring it to the wetwell floor. The face of the inlet QDC flange shall be perpendicular to the floor of the wetwell. The discharge flange of the QDC shall conform to ANSI B16.1 Class 125.

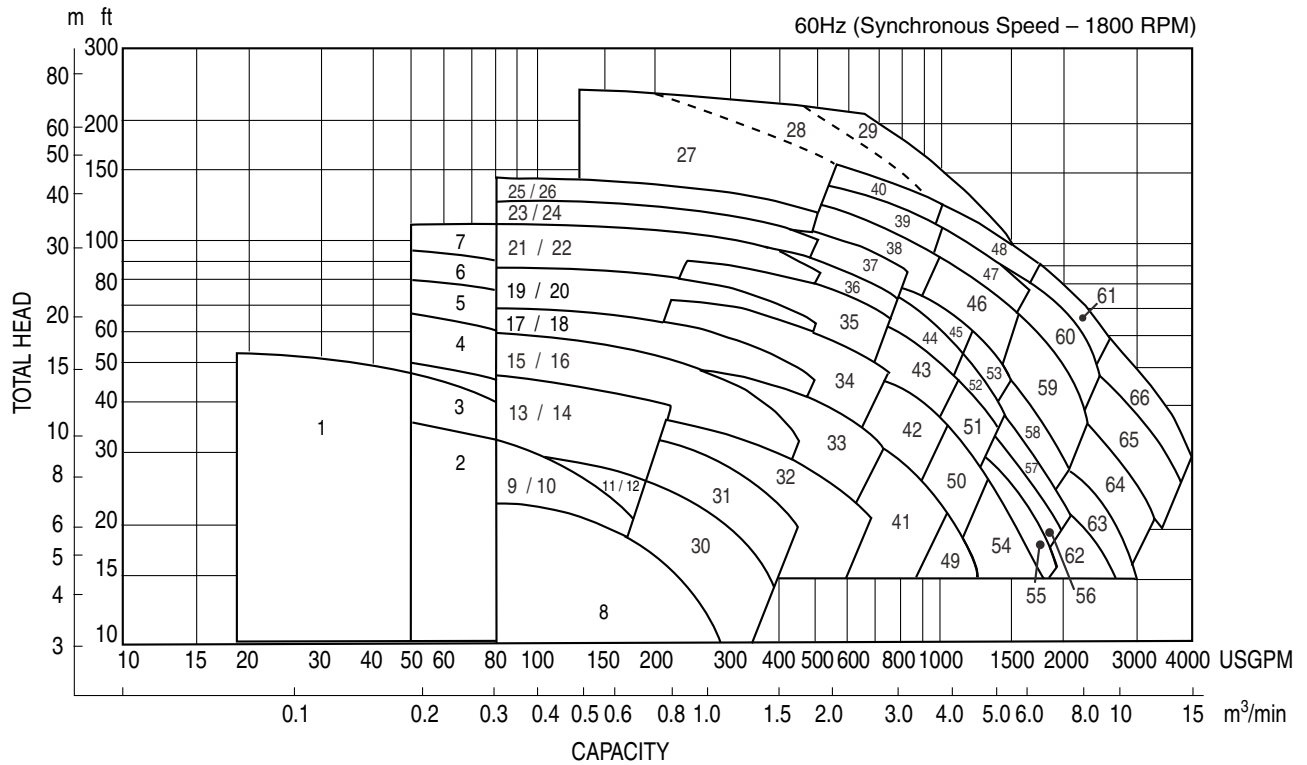
The pump design shall include an integral self-aligning sliding bracket. Sealing of the pumping unit to the QDC shall be accomplished by a single, linear, downward motion of the pump. The entire weight of the pump unit shall be guided to and wedged tightly against the inlet flange of the QDC, making metal to metal contact with the pump discharge forming a seal without the use of bolts, gaskets or O-rings.

A stainless steel lifting chain of adequate length for removing and installing the pump unit is recommended. The chain shall have a round link with a 2-¼" inside diameter every two feet. This link will allow for a sliding pinch bar through the link to pick the chain, more than once if necessary, at multiple intervals during pump removal and installation.



Selection Chart

Model DLFU
Three Phase 60Hz



Please note: Overlap in coverage is designated by the two numbers; for example "9 / 10". Refer to the legend below for the specific model numbers.

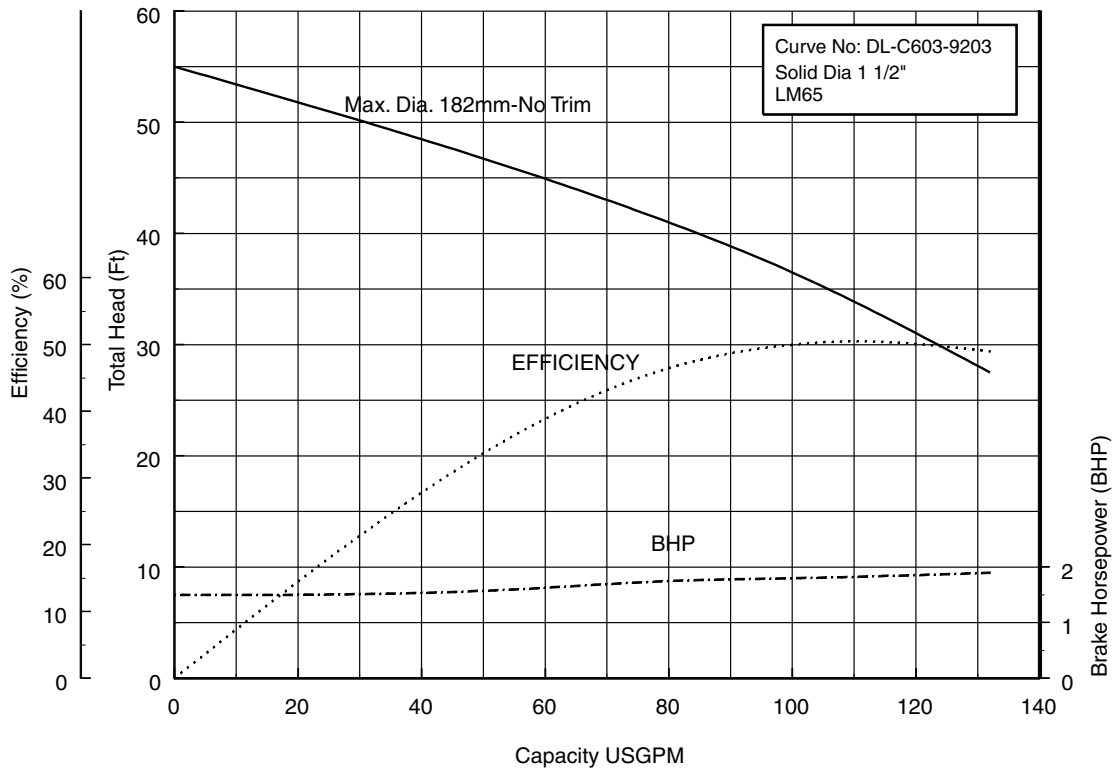
| | | | |
|----------------------|---------------------|---------------------|---------------------|
| 1 50DLFU61.5 2HP | 19 80DLFU611 15HP | 37 100DLFU622 30HP | 55 250DLBFU615 20HP |
| 2 80DLMFU61.5 2HP | 20 100DLMFU611 15HP | 38 150DLFU630 40HP | 56 250DLCFU615 20HP |
| 3 80DLMFU62.2 3HP | 21 80DLFU615 20HP | 39 150DLFU637 50HP | 57 250DLFU618 25HP |
| 4 80DLMFU63.7 5HP | 22 100DLMFU615 20HP | 40 150DLFU645 60HP | 58 250DLFU622 30HP |
| 5 80DLMFU65.5 7½HP | 23 80DLFU618 25HP | 41 150DLFU67.5 10HP | 59 250DLFU630 40HP |
| 6 80DLCMFU67.5 10HP | 24 100DLMFU618 25HP | 42 150DLFU611 15HP | 60 250DLFU637 50HP |
| 7 80DLCMFU611 15HP | 25 80DLFU622 30HP | 43 150DLFU615 20HP | 61 250DLFU645 60HP |
| 8 100DLFU61.5 2HP | 26 100DLMFU622 30HP | 44 150DLFU618 25HP | 62 300DLFU618 25HP |
| 9 80DLFU61.5 2HP | 27 100DLFU630 40HP | 45 150DLFU622 30HP | 63 300DLFU622 30HP |
| 10 100DLMFU61.5 2HP | 28 100DLFU637 50HP | 46 200DLFU630 40HP | 64 300DLFU630 40HP |
| 11 80DLFU62.2 3HP | 29 100DLFU645 60HP | 47 200DLFU637 50HP | 65 300DLFU637 50HP |
| 12 100DLMFU62.2 3HP | 30 100DLFU62.2 3HP | 48 200DLFU645 60HP | 66 300DLFU645 60HP |
| 13 80DLFU63.7 5HP | 31 100DLFU63.7 5HP | 49 200DLFU67.5 10HP | |
| 14 100DLMFU63.7 5HP | 32 100DLFU65.5 7½HP | 50 200DLFU611 15HP | |
| 15 80DLFU65.5 7½HP | 33 100DLFU67.5 10HP | 51 200DLFU615 20HP | |
| 16 100DLMFU65.5 7½HP | 34 100DLFU611 15HP | 52 200DLFU618 25HP | |
| 17 80DLFU67.5 10HP | 35 100DLFU615 20HP | 53 200DLFU622 30HP | |
| 18 100DLMFU67.5 10HP | 36 100DLFU618 25HP | 54 250DLFU611 15HP | |

Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

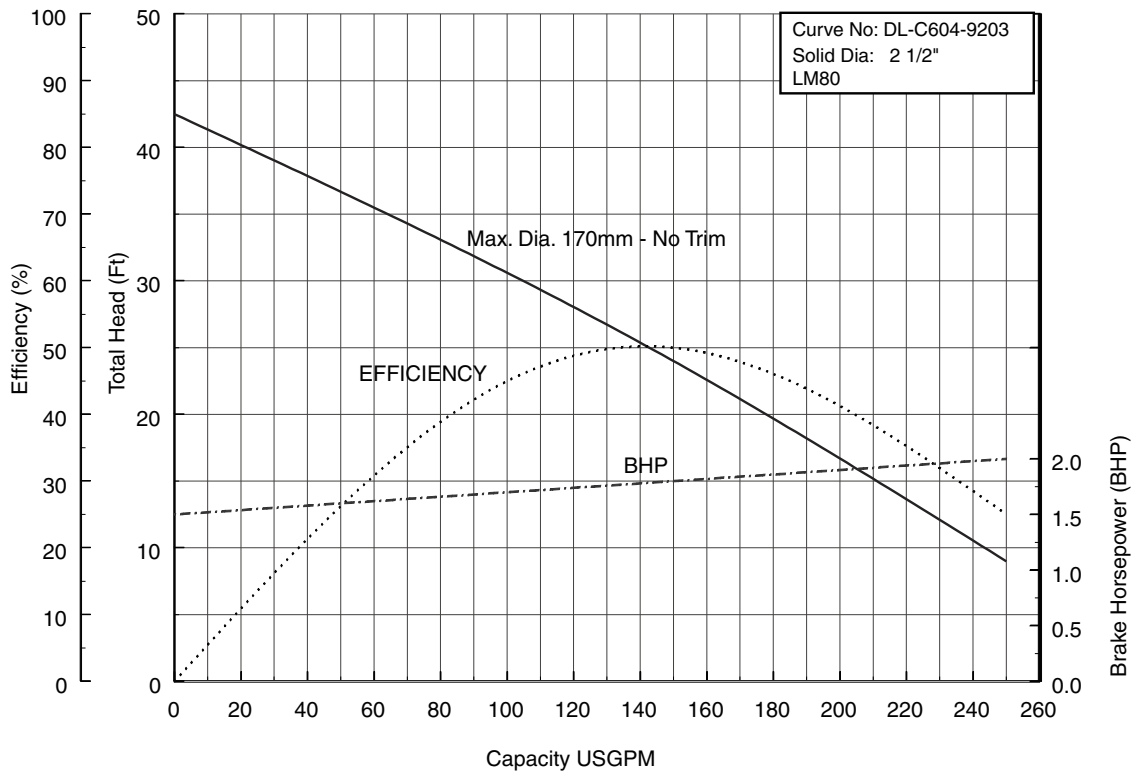
50DLF61.5 (2HP) Synchronous Speed: 1800 RPM

2, 3 inch Discharge



80DLF61.5 (2HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

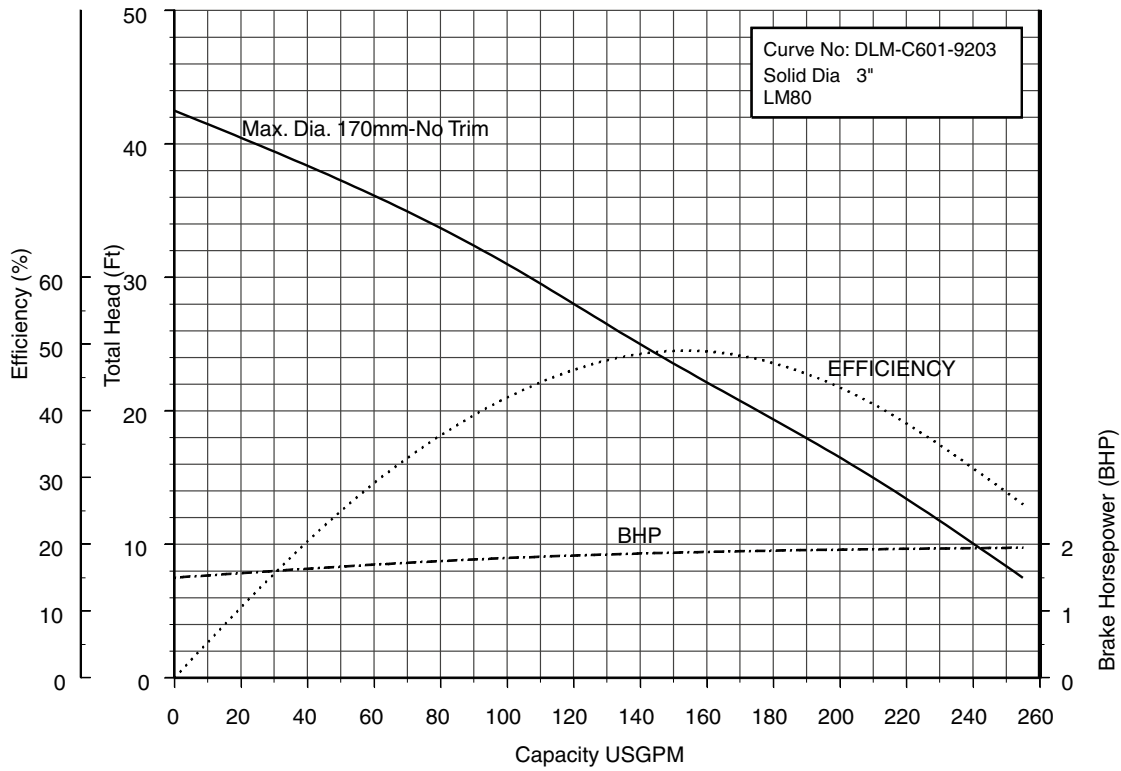


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

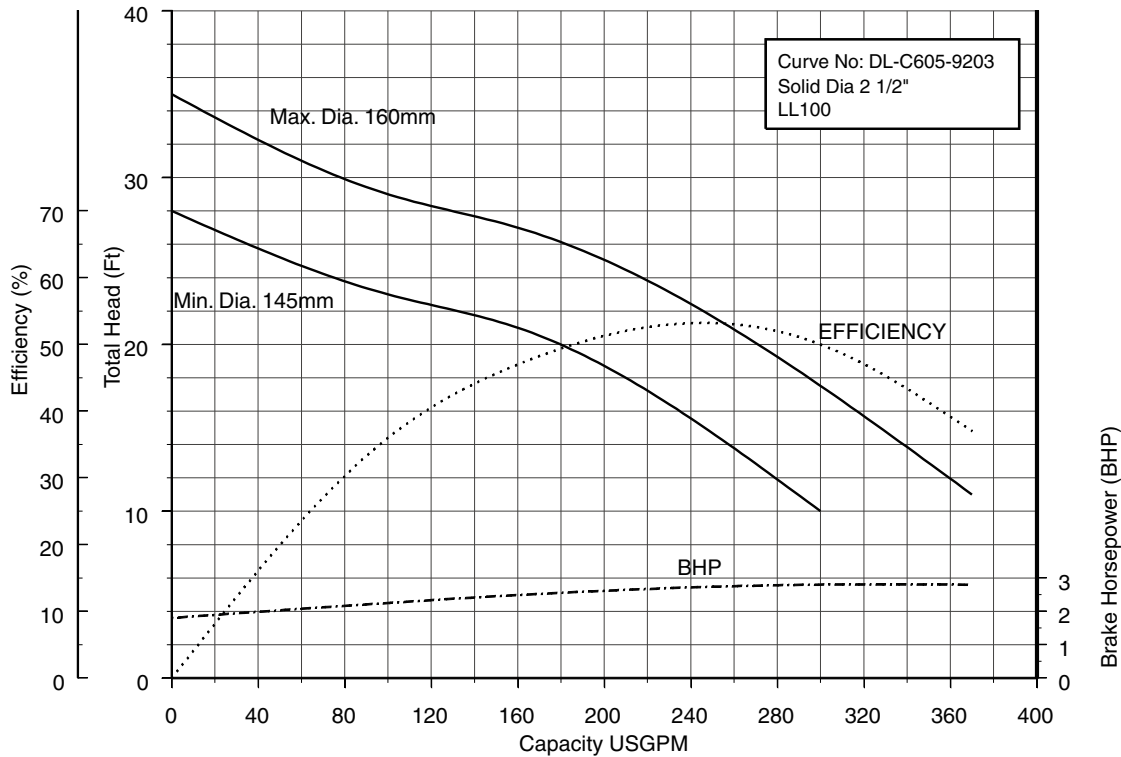
80DLMF61.5 (2HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF62.2 (3HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

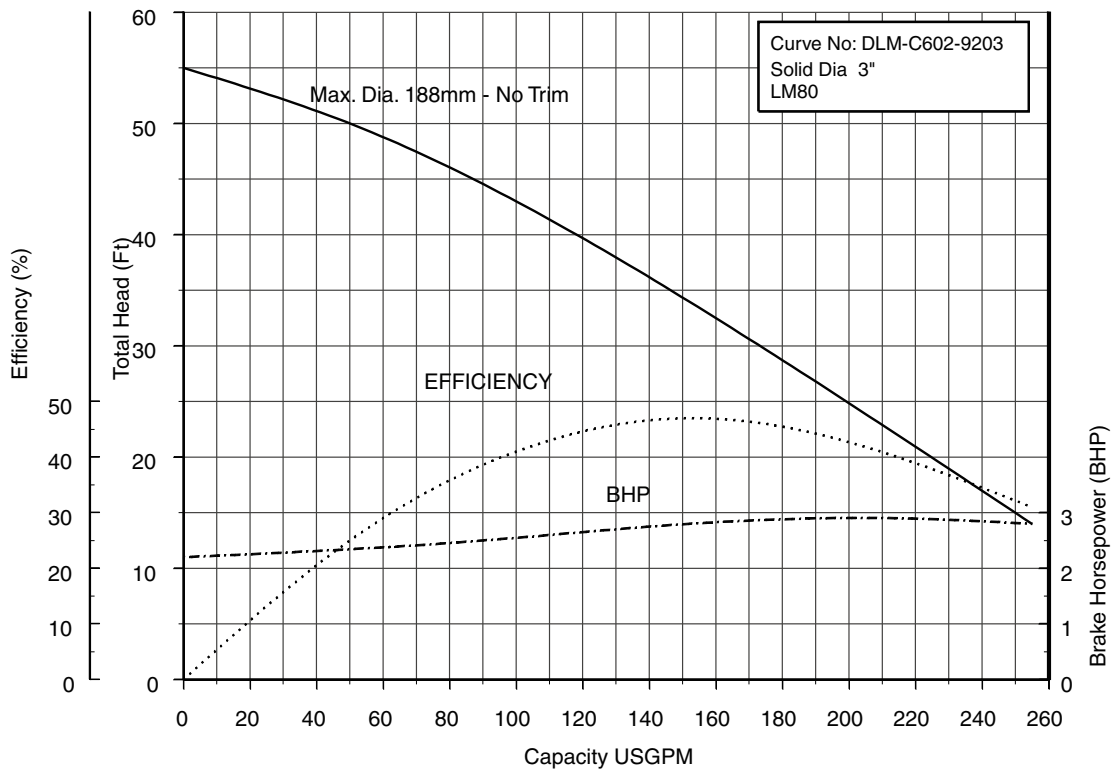


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

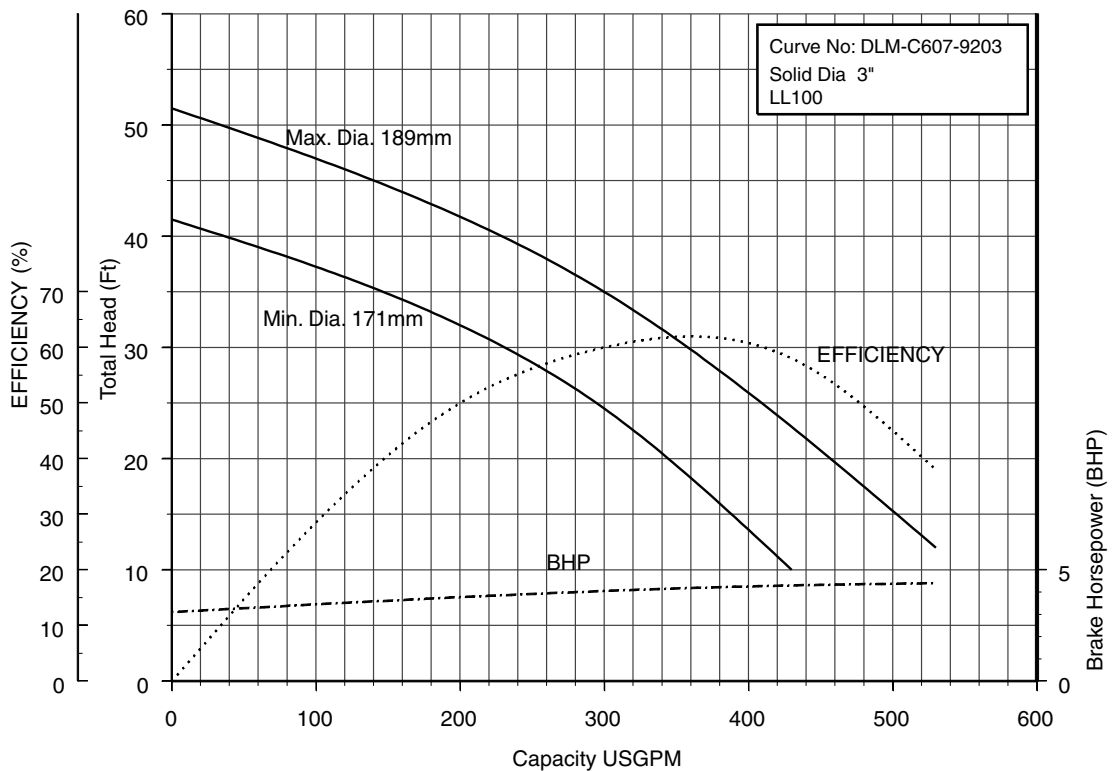
80DLMF62.2 (3HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF63.7 (5HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

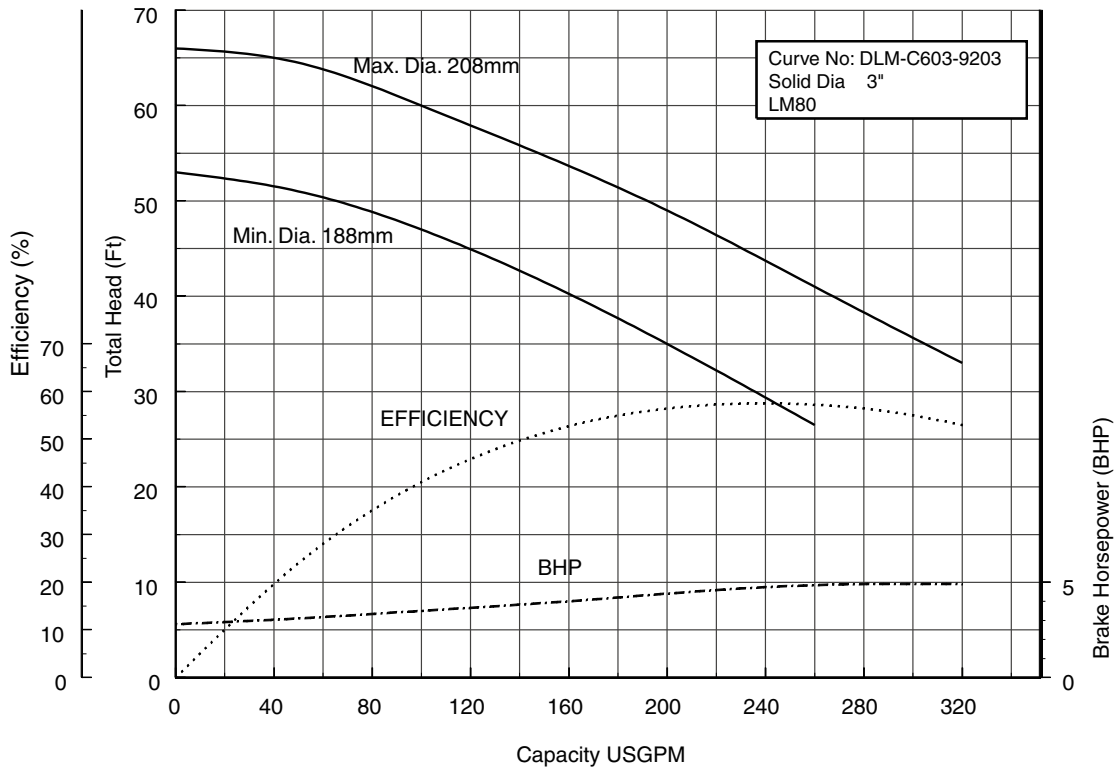


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

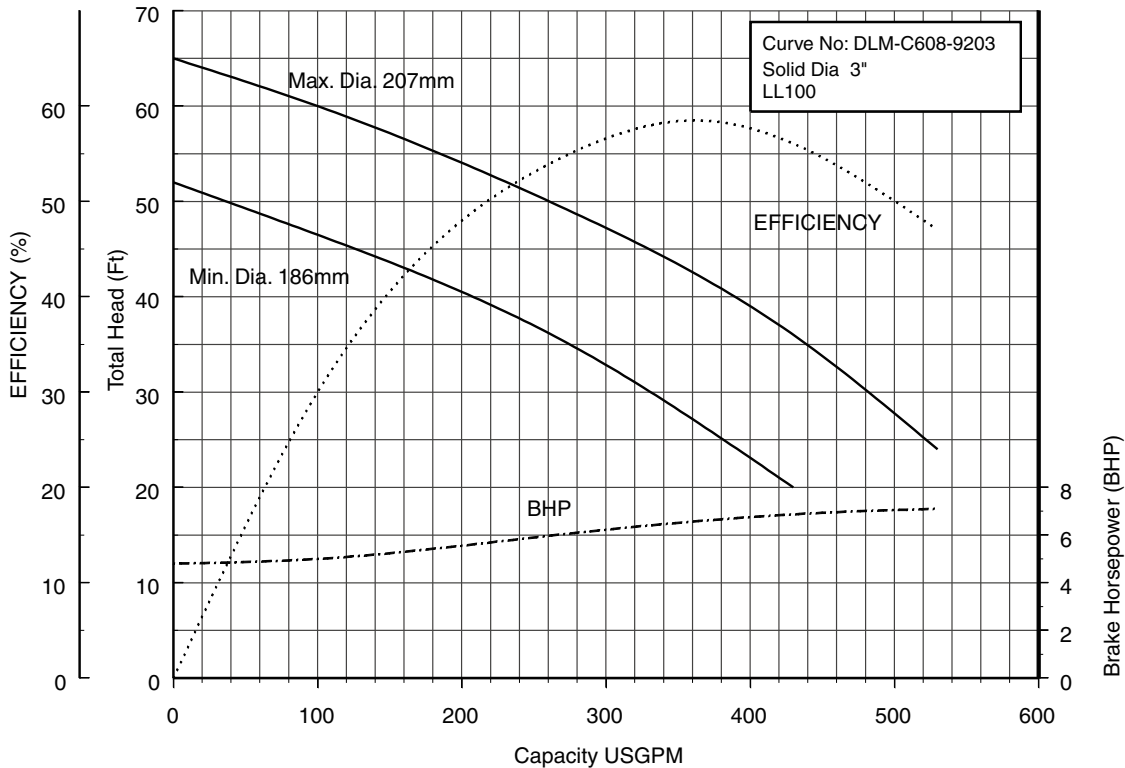
80DLMF63.7 (5HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF65.5 (7½HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

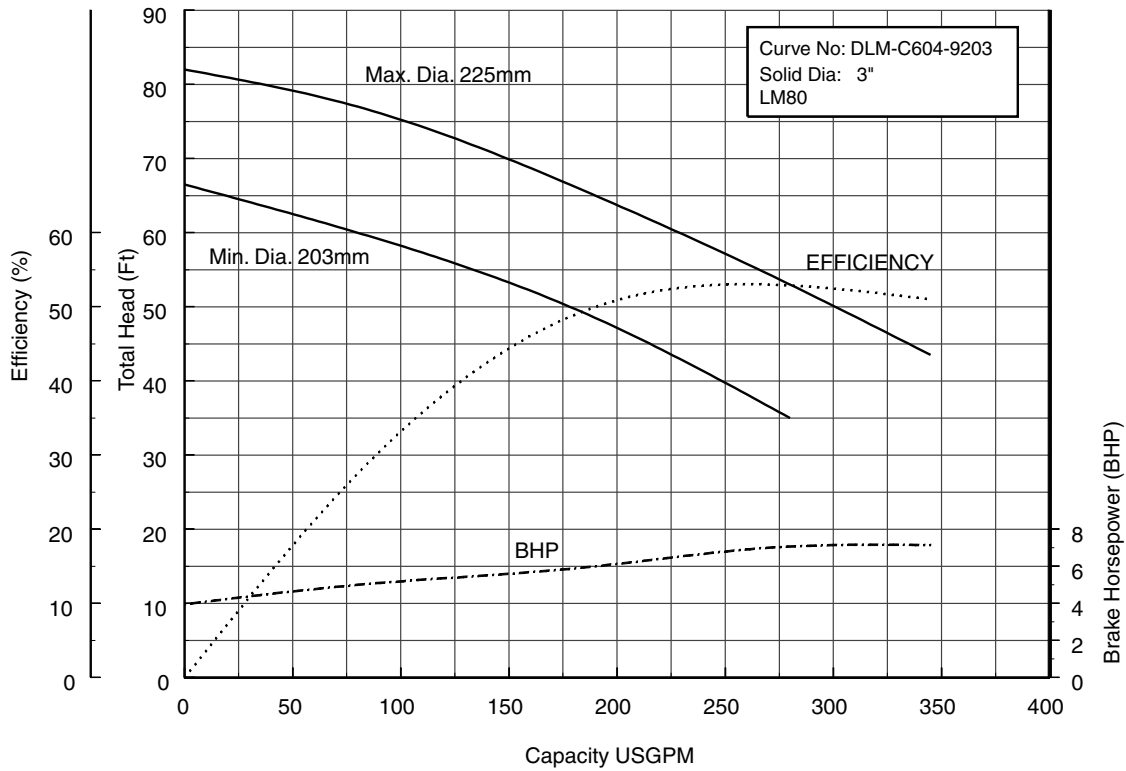


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

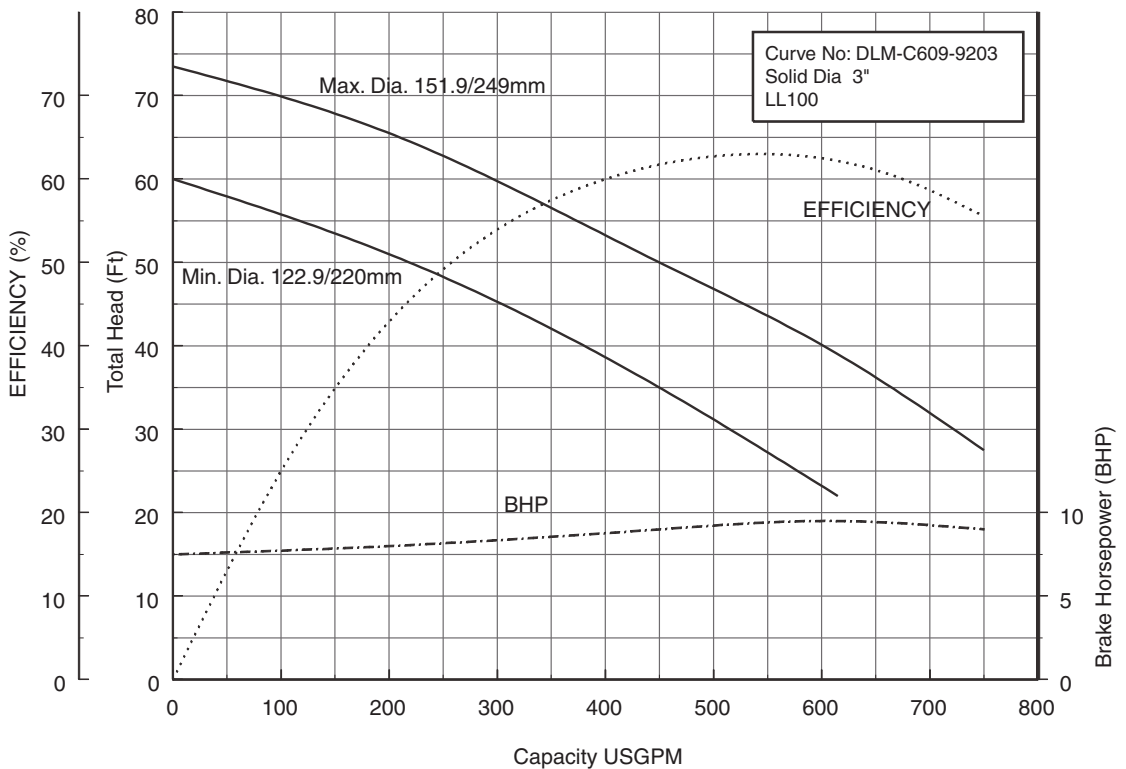
80DLMF65.5 (7½HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF67.5 (10HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

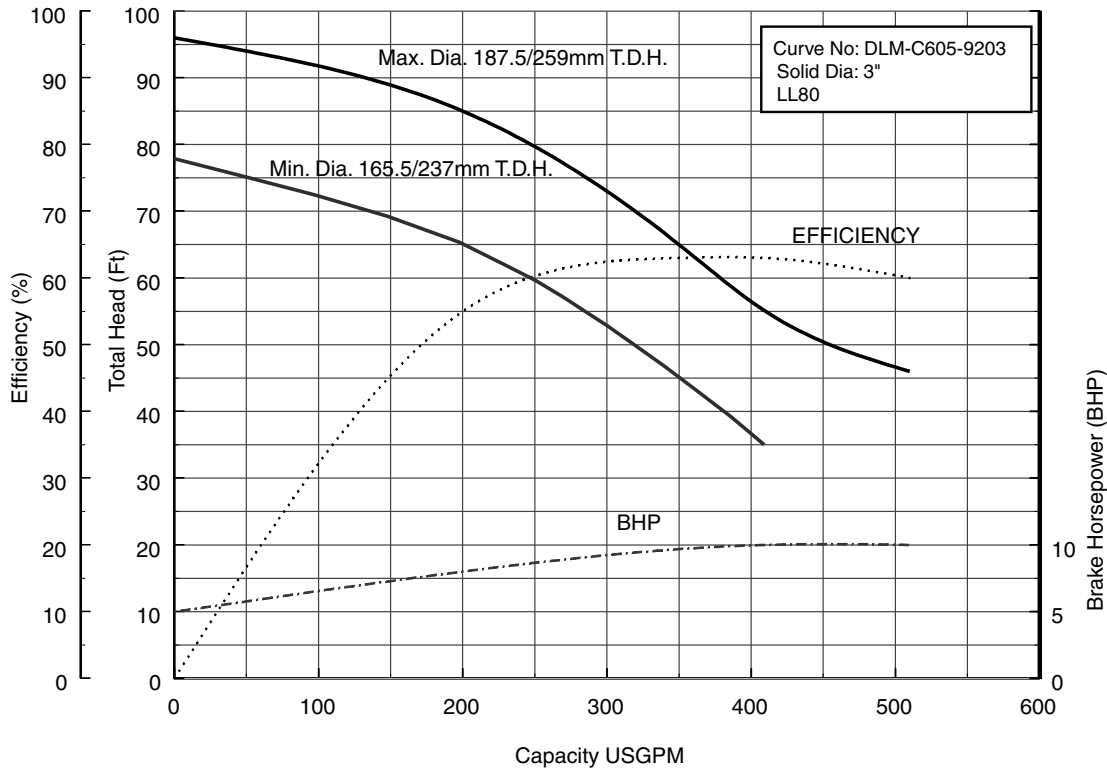


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

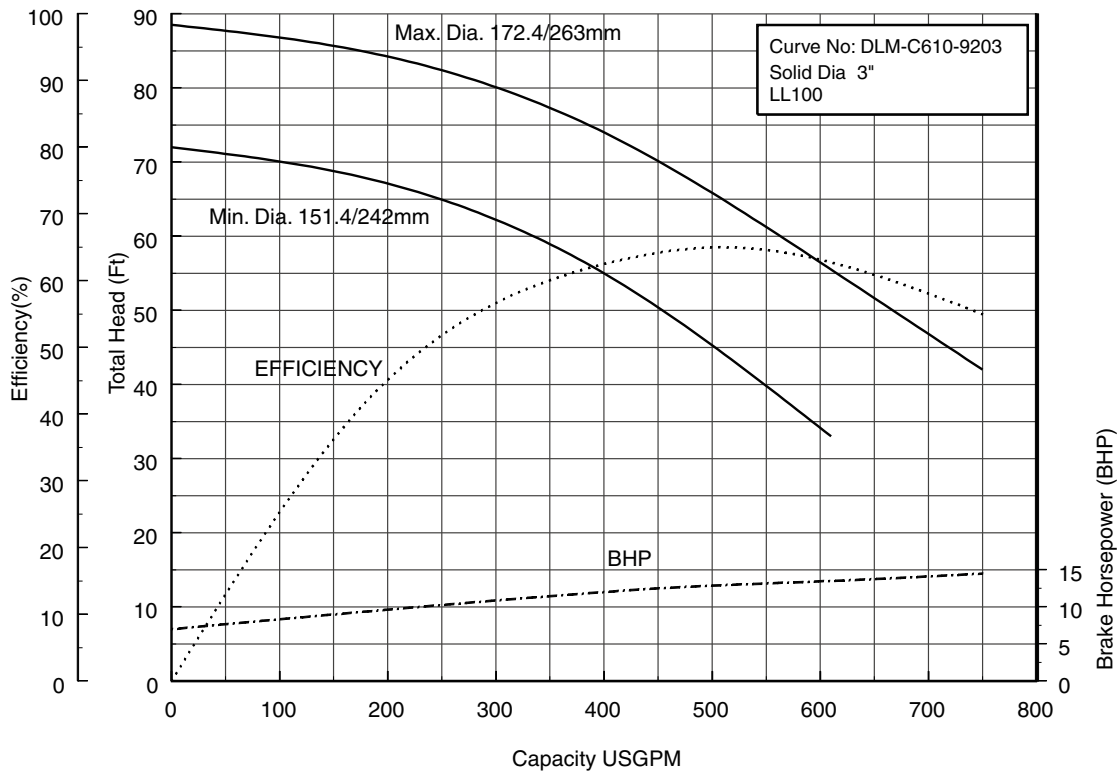
80DLCMF67.5 (10HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF611 (15HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

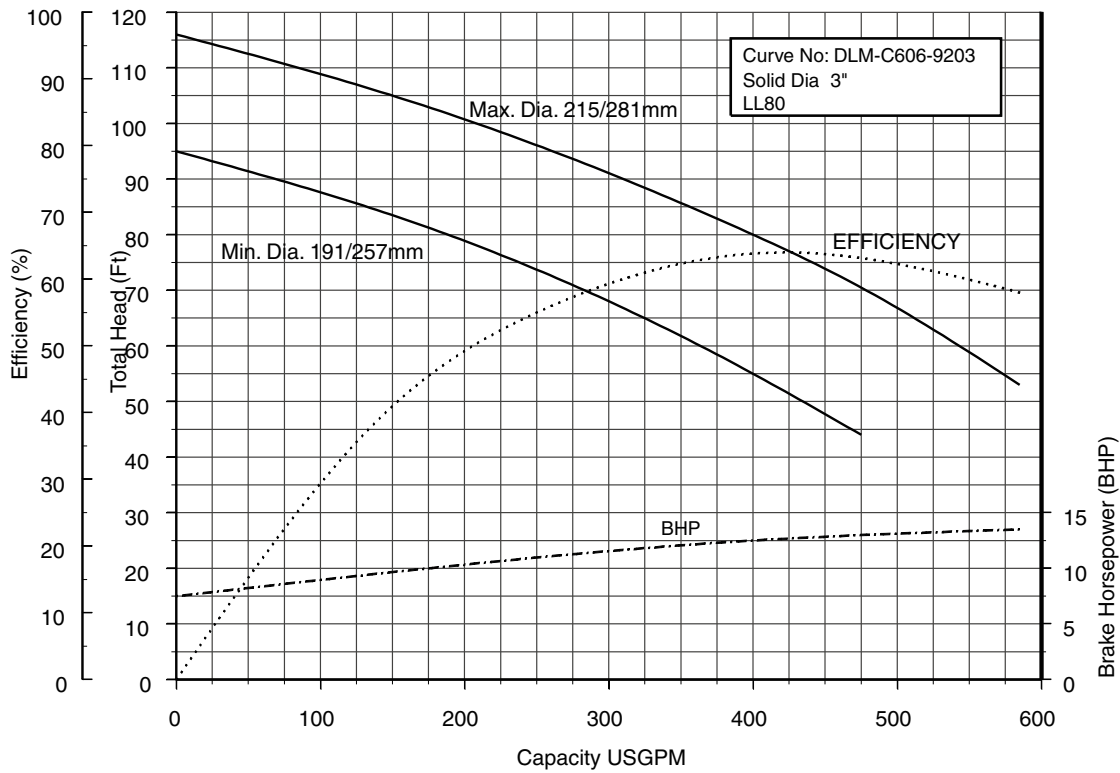


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

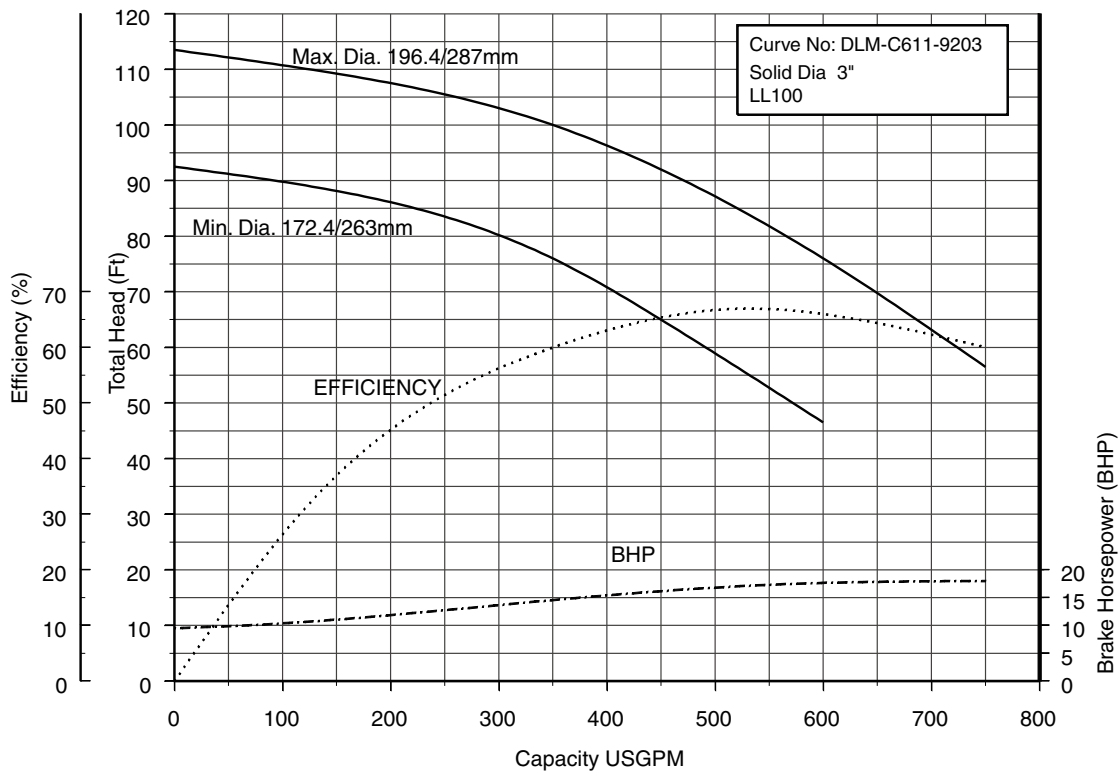
80DLCMF611 (15HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF615 (20HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

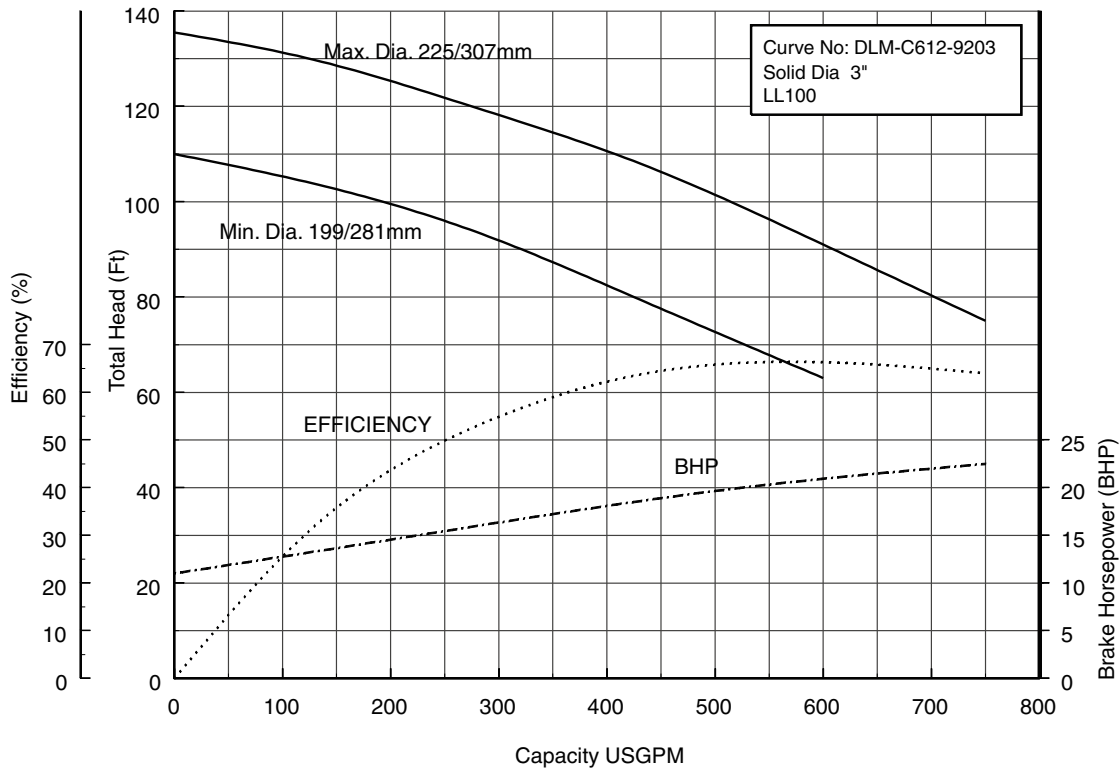


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

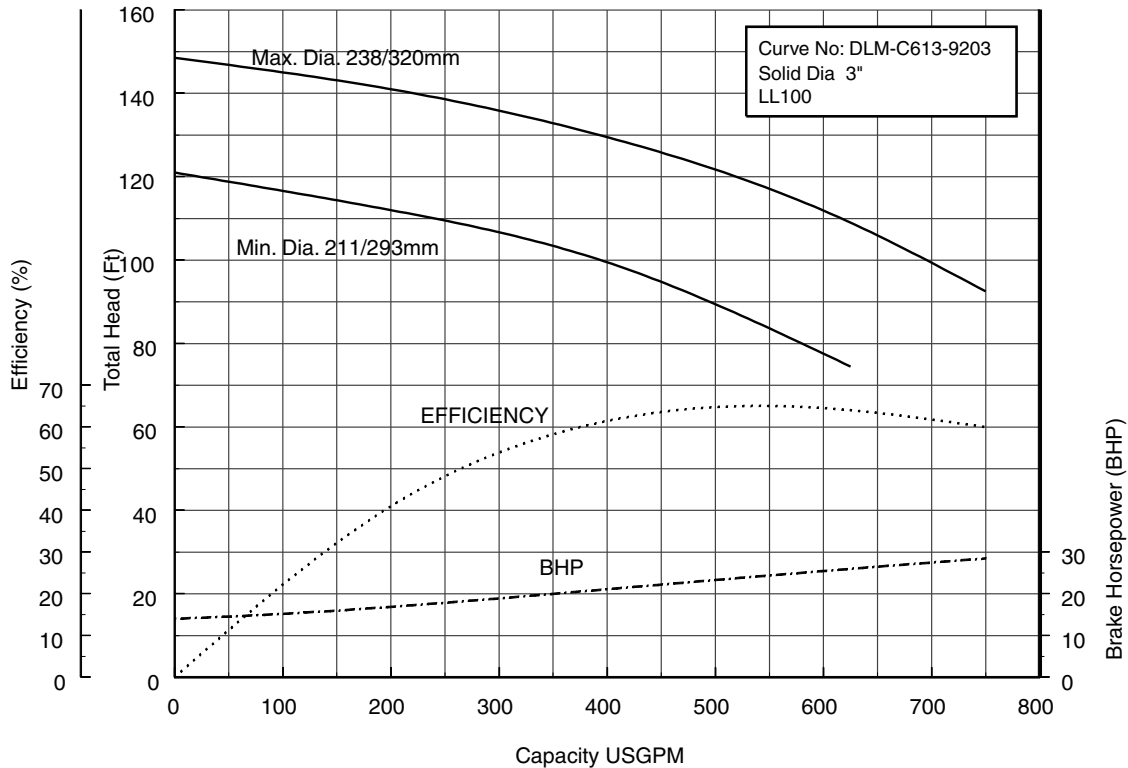
80DLF618 (25HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



80DLF622 (30HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

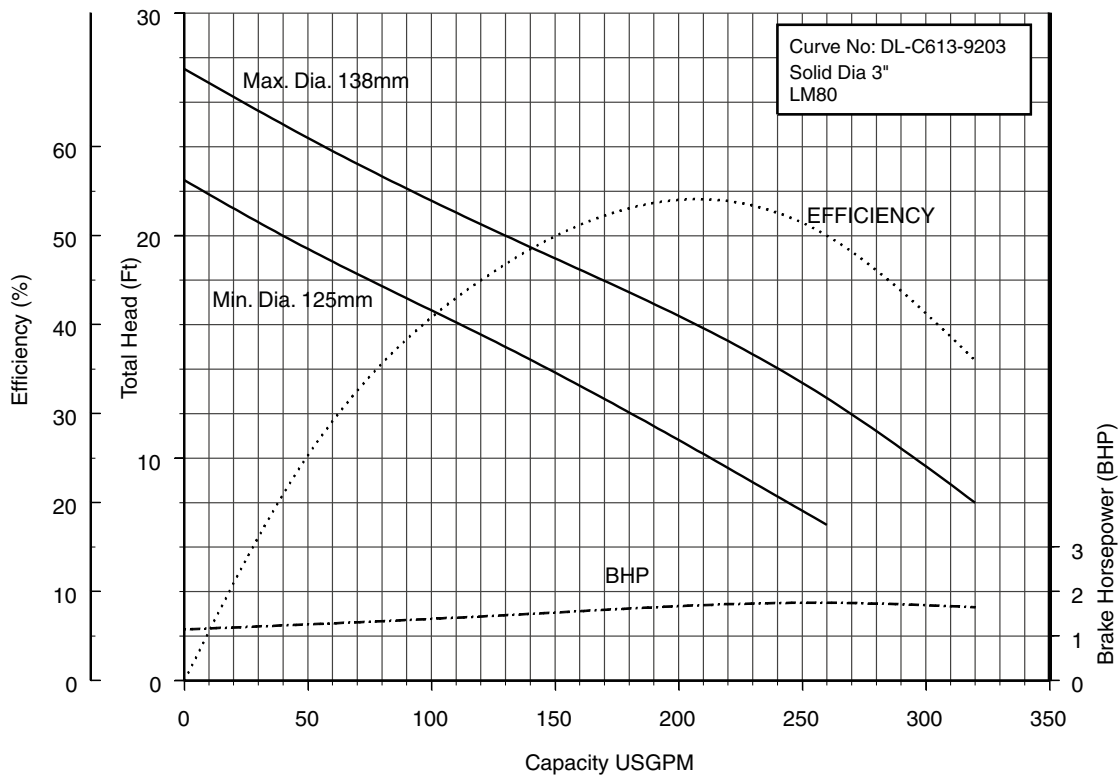


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

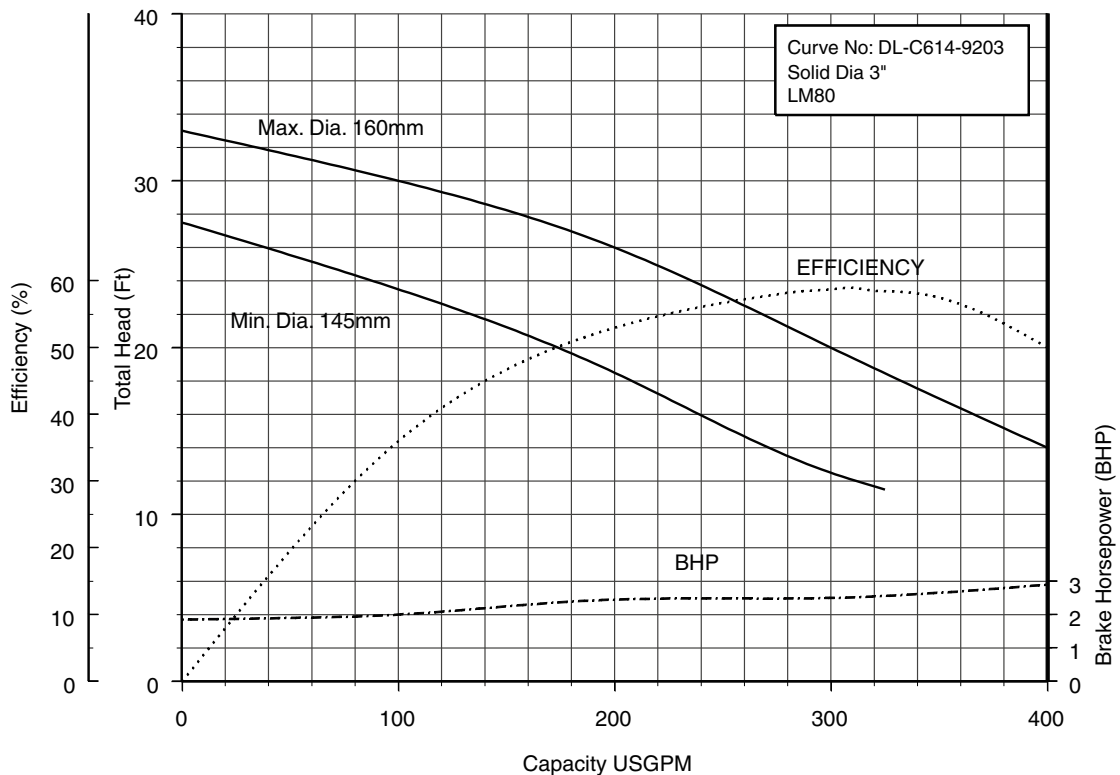
100DLF61.5 (2HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLF62.2 (3HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

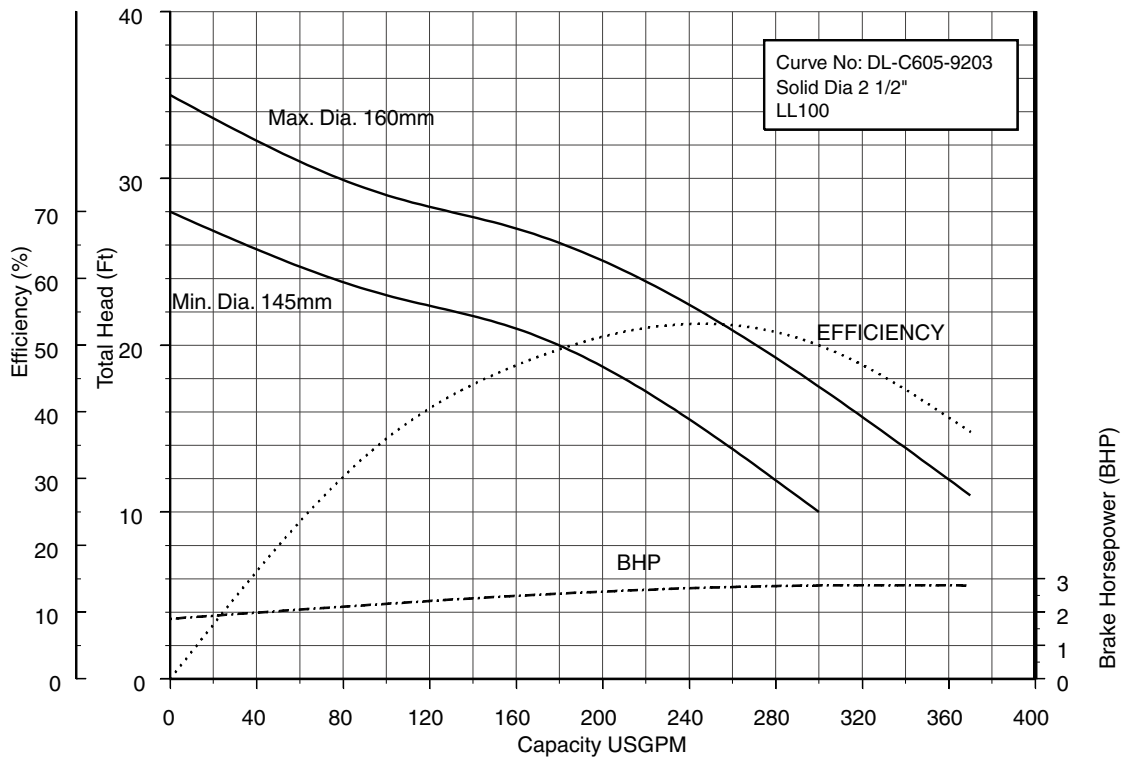


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

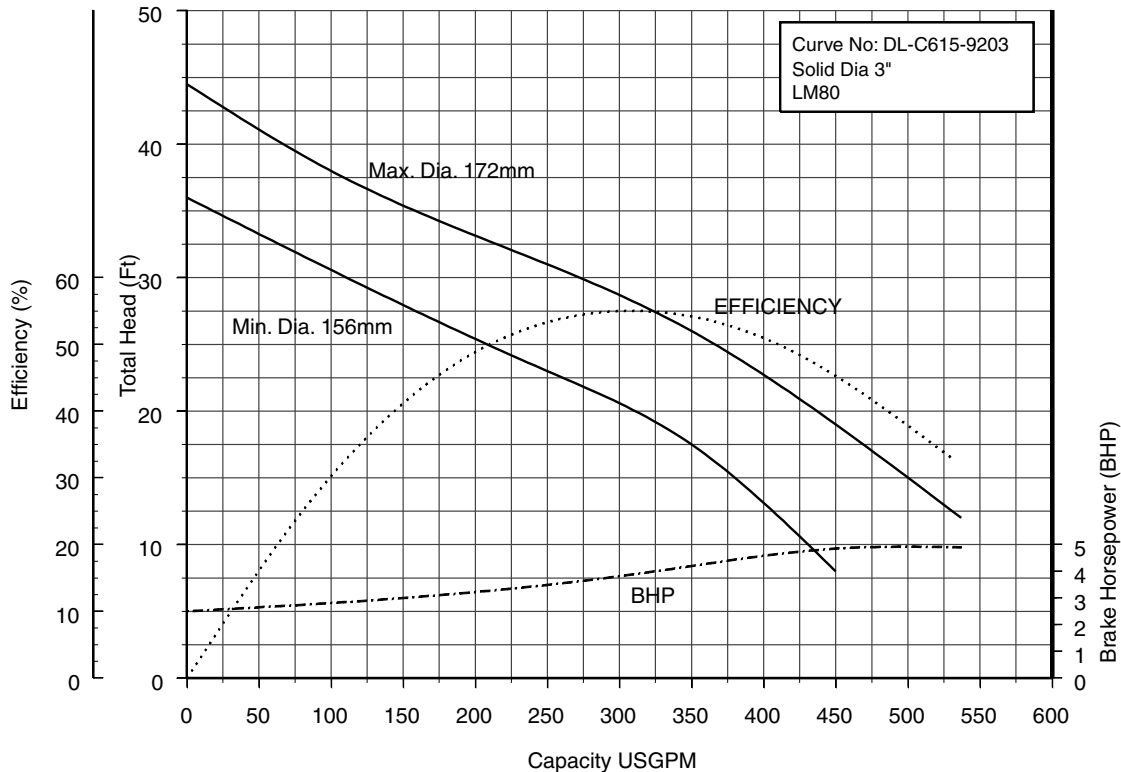
100DLMF62.2 (3HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLF63.7 (5HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

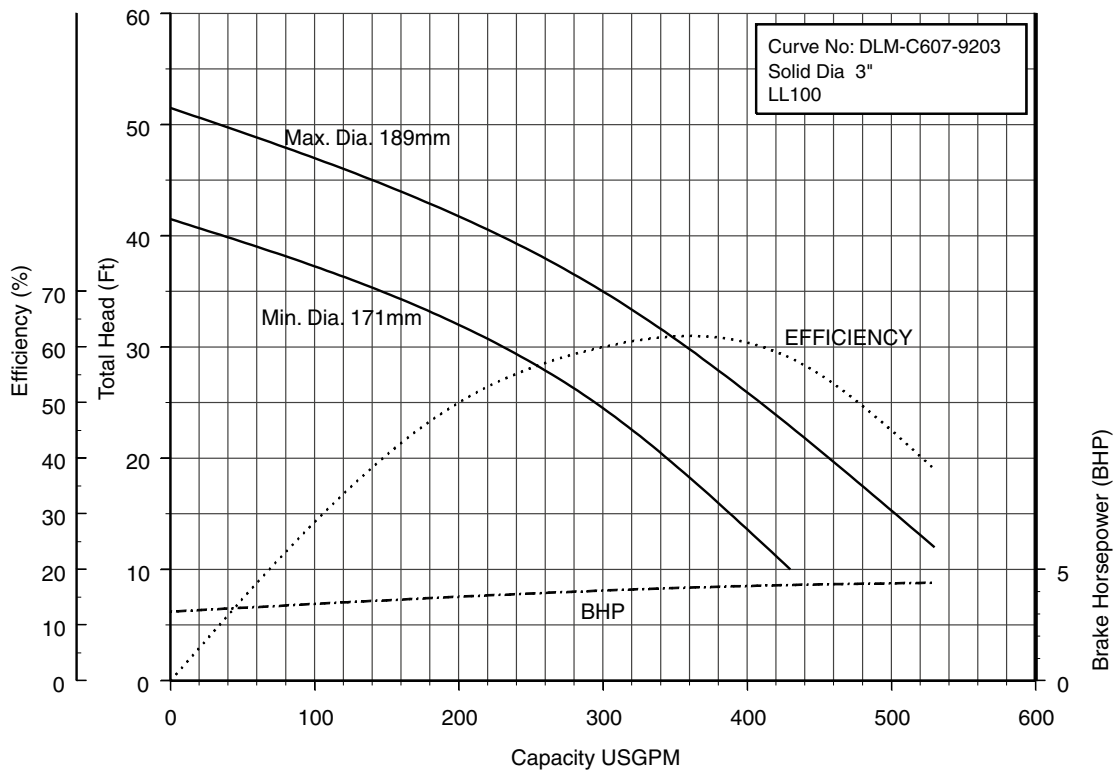


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

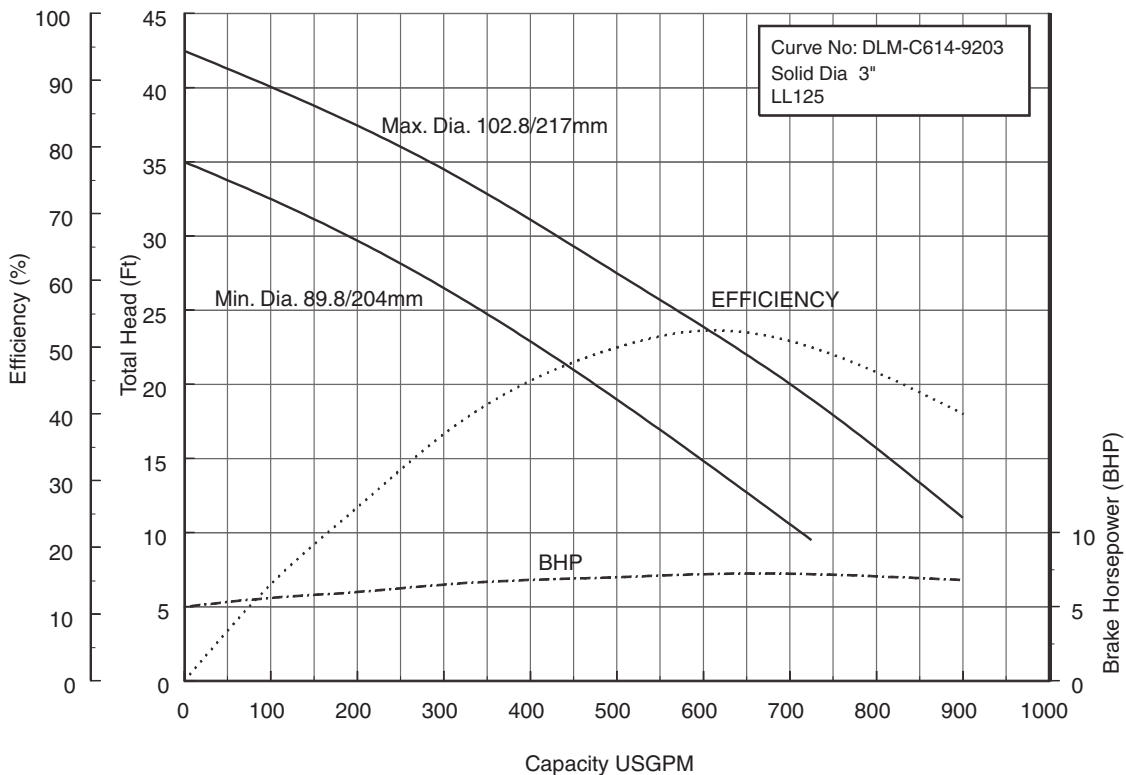
100DLMF63.7 (5HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLF65.5 (7½HP) Synchronous Speed: 1800 RPM

4, 6 inch Discharge

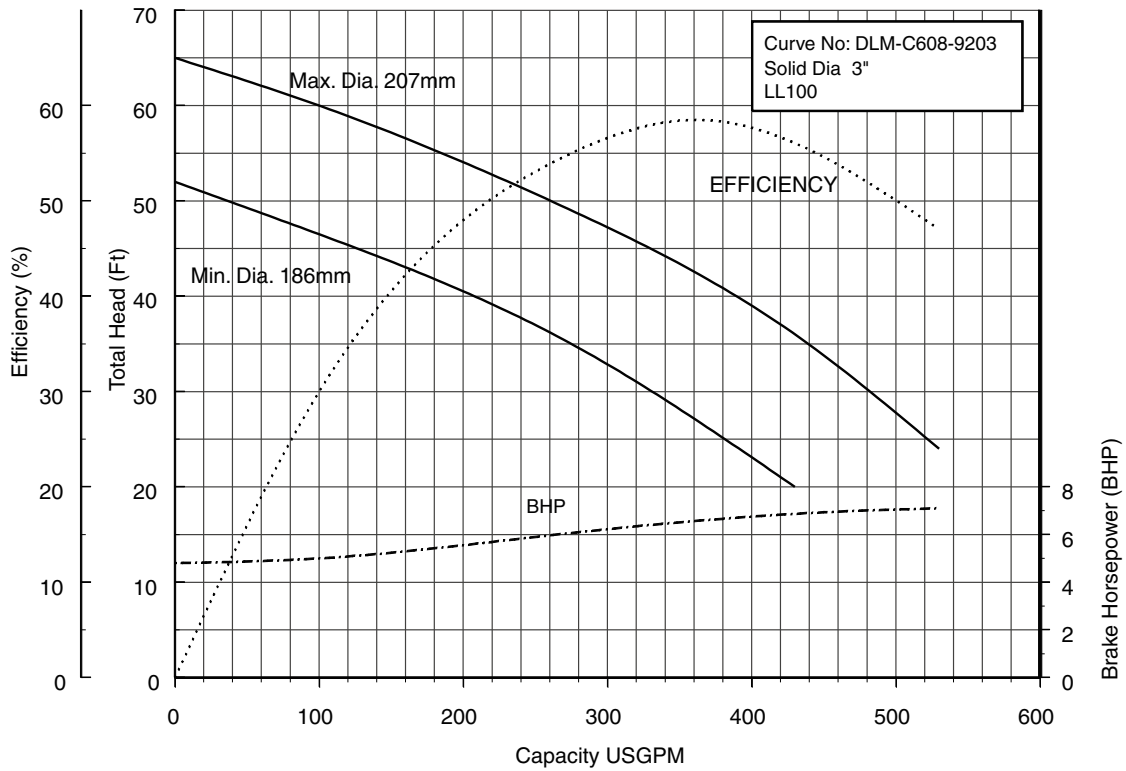


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

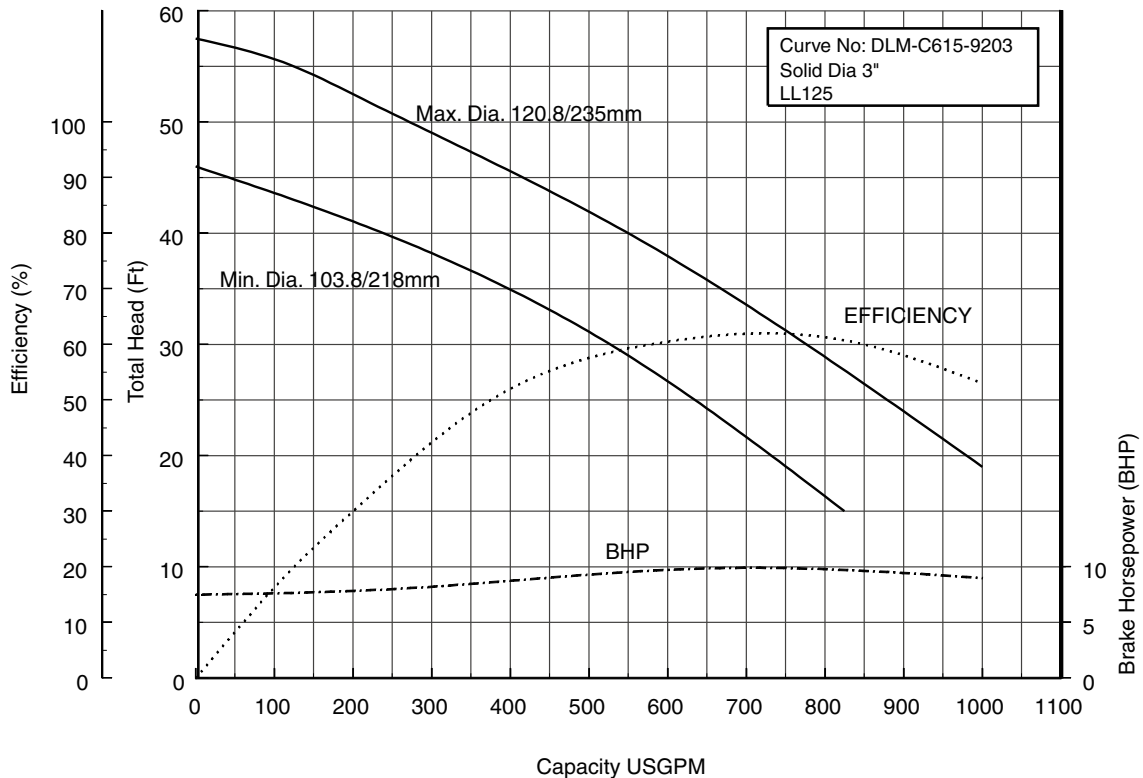
100DLMF65.5 (7½HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLF67.5 (10HP) Synchronous Speed: 1800 RPM

4, 6 inch Discharge

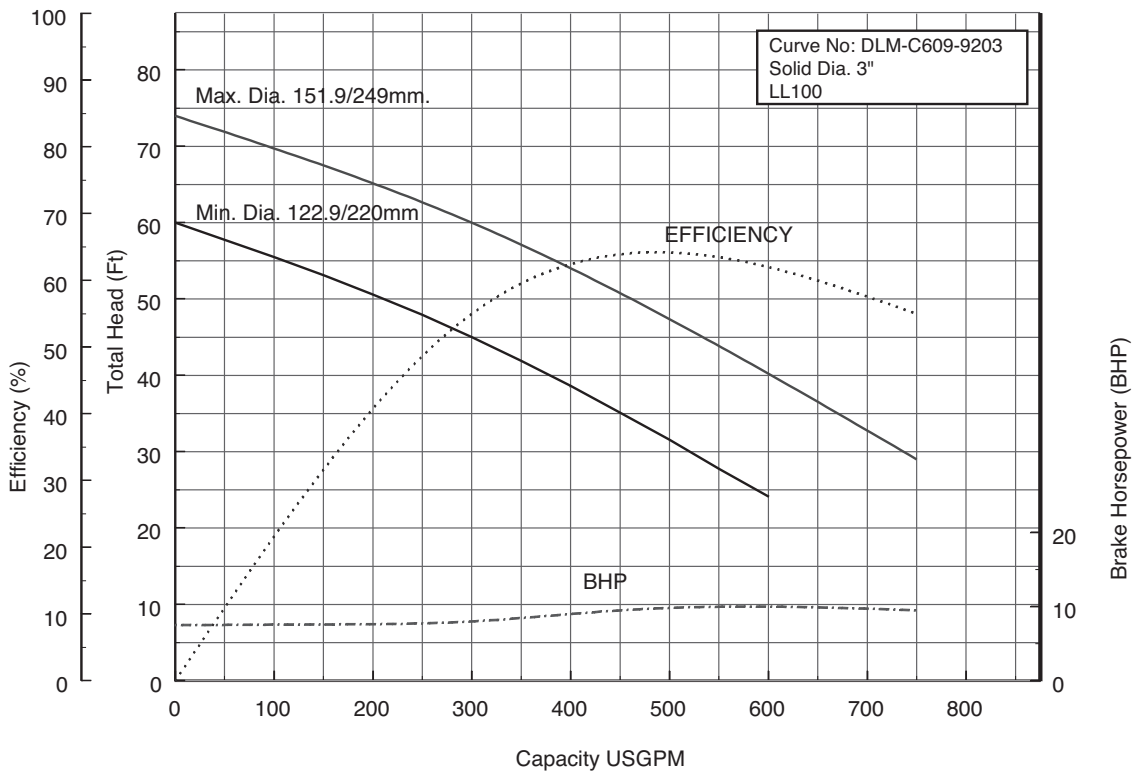


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

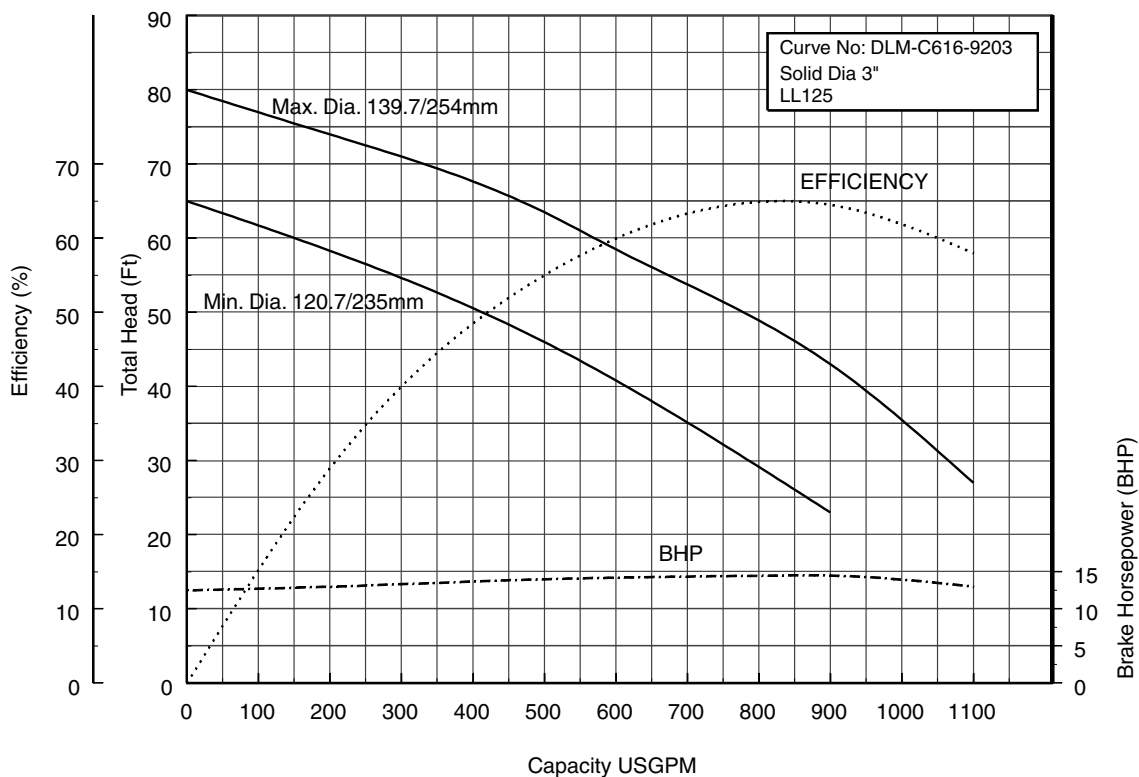
100DLMF67.5 (10HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLF611 (15HP) Synchronous Speed: 1800 RPM

4, 6 inch Discharge

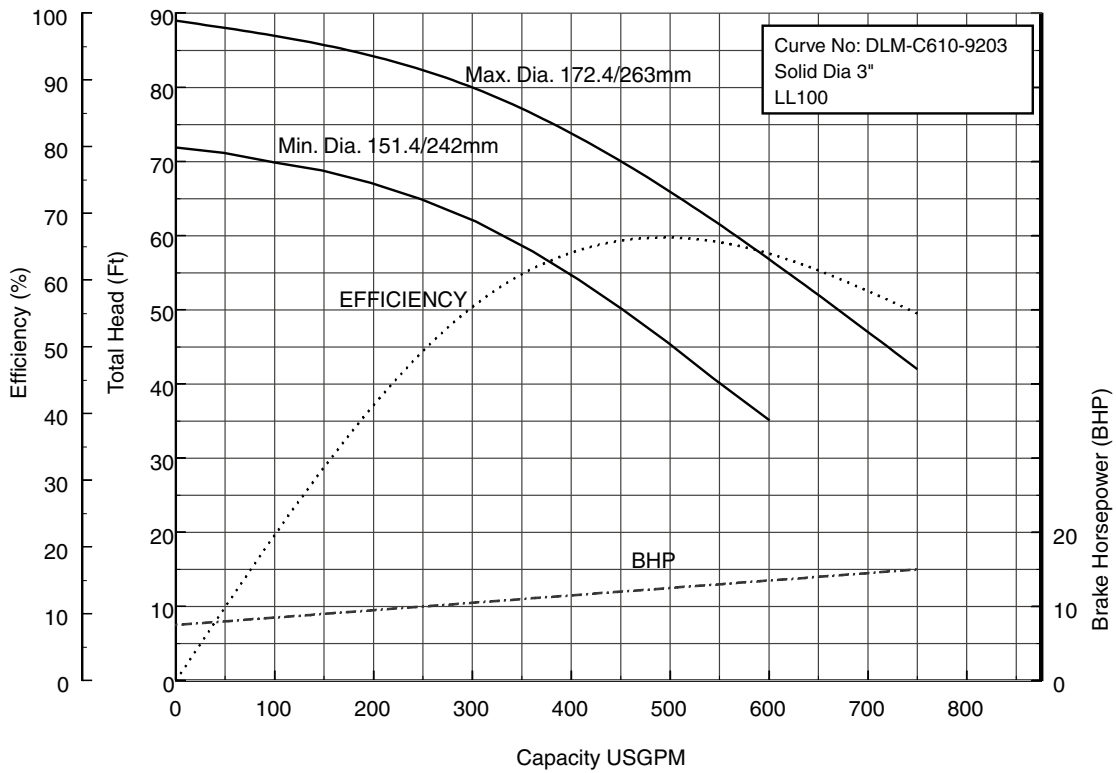


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

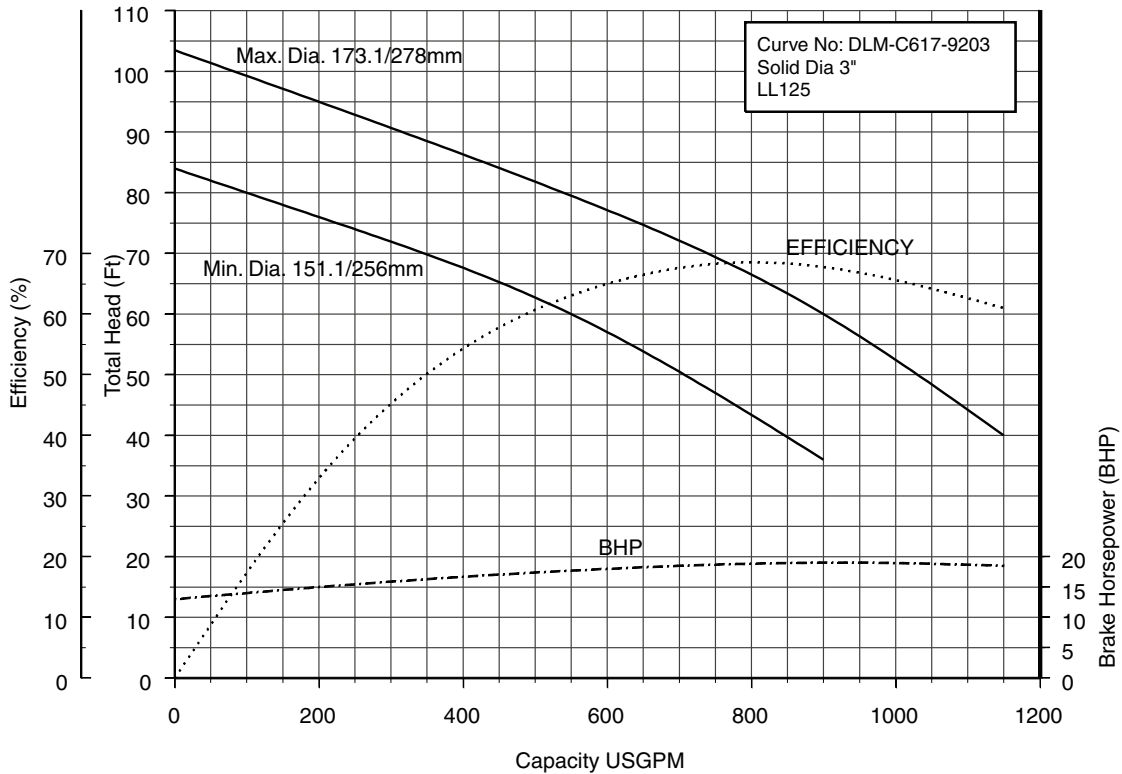
100DLMF611 (15HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLF615 (20HP) Synchronous Speed: 1800 RPM

4, 6 inch Discharge

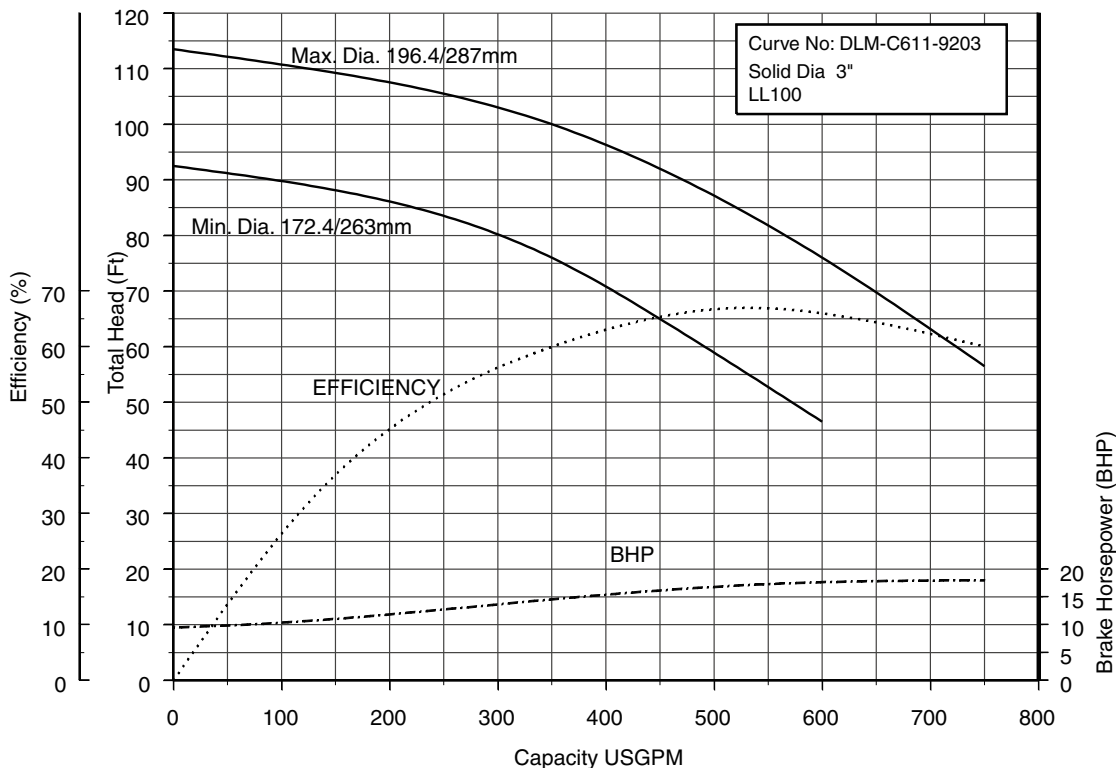


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

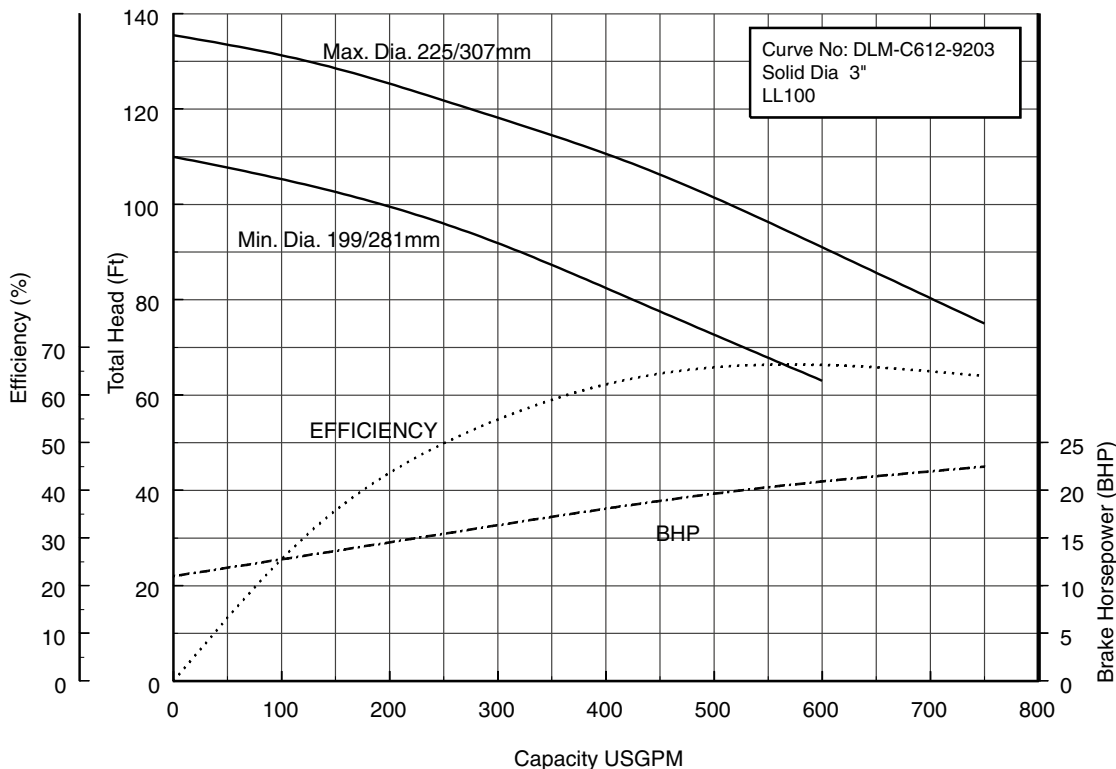
100DLMF615 (20HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge



100DLMF618 (25HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

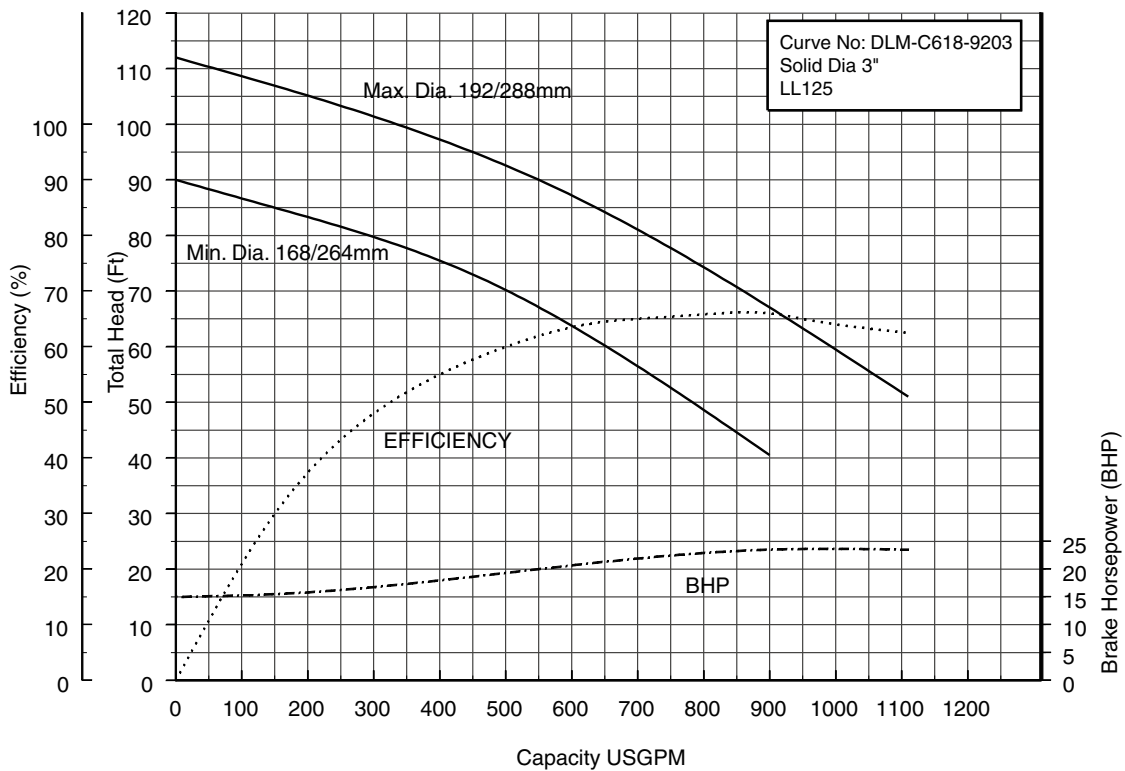


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

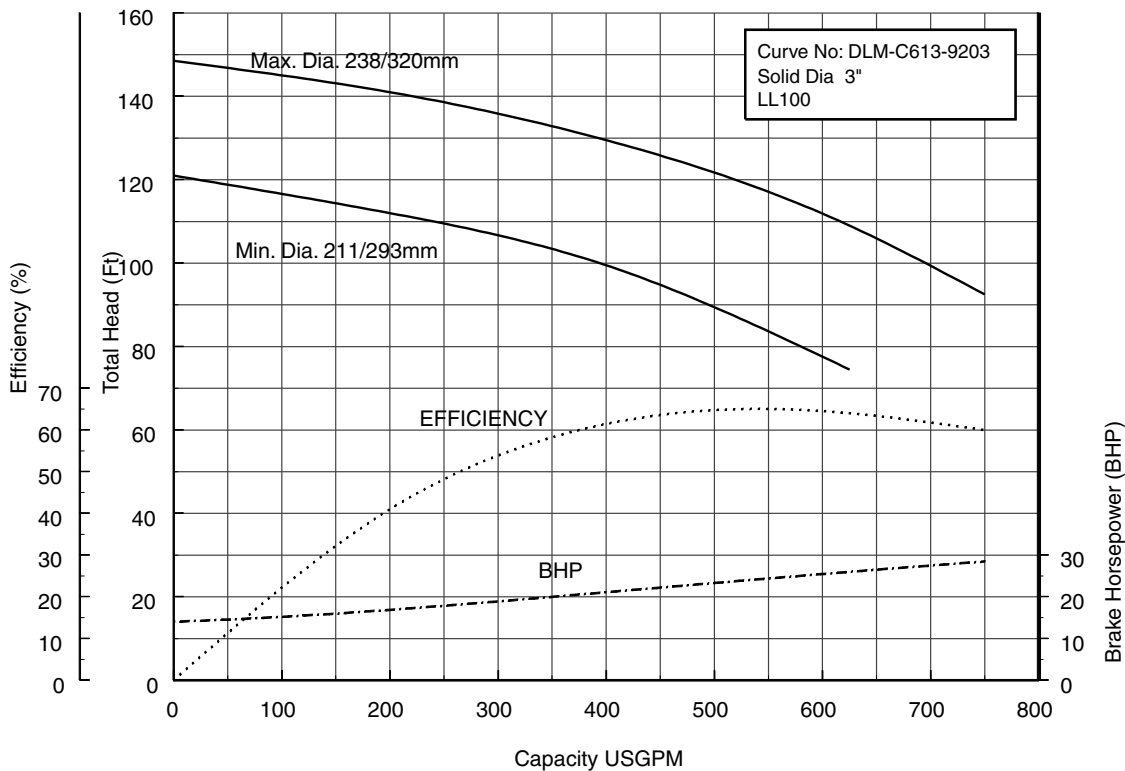
100DLF618 (25HP) Synchronous Speed: 1800 RPM

4, 6 inch Discharge



100DLMF622 (30HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

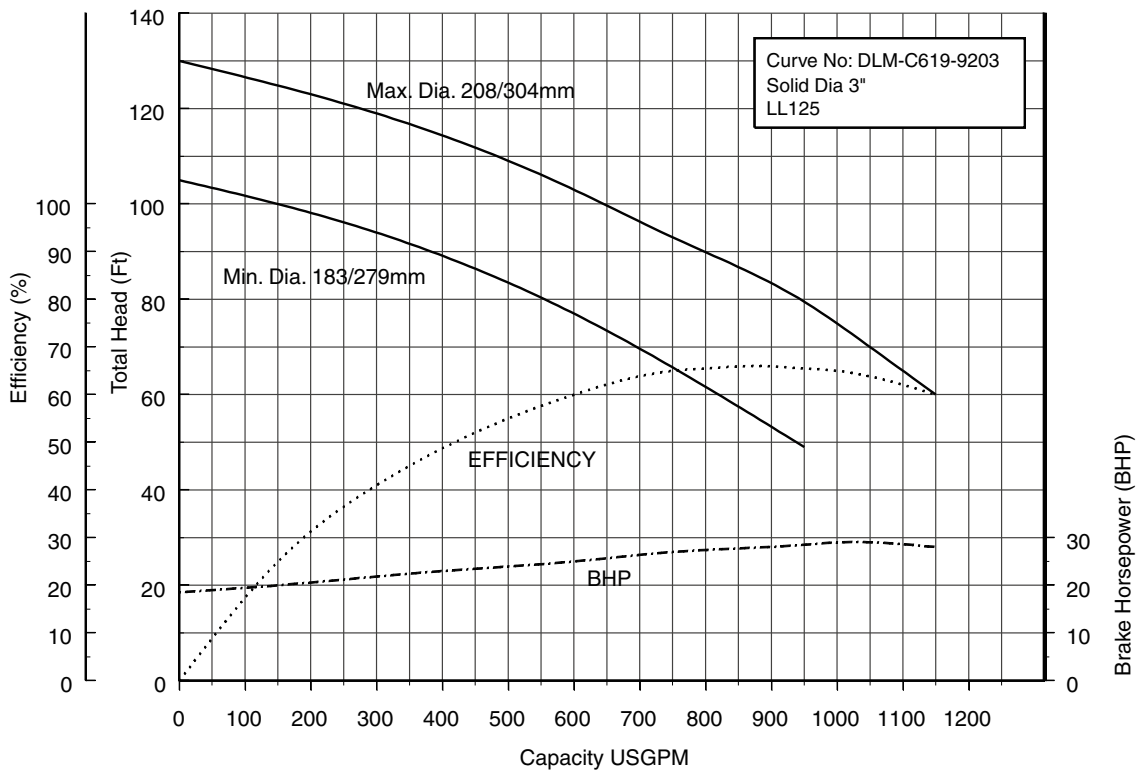


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

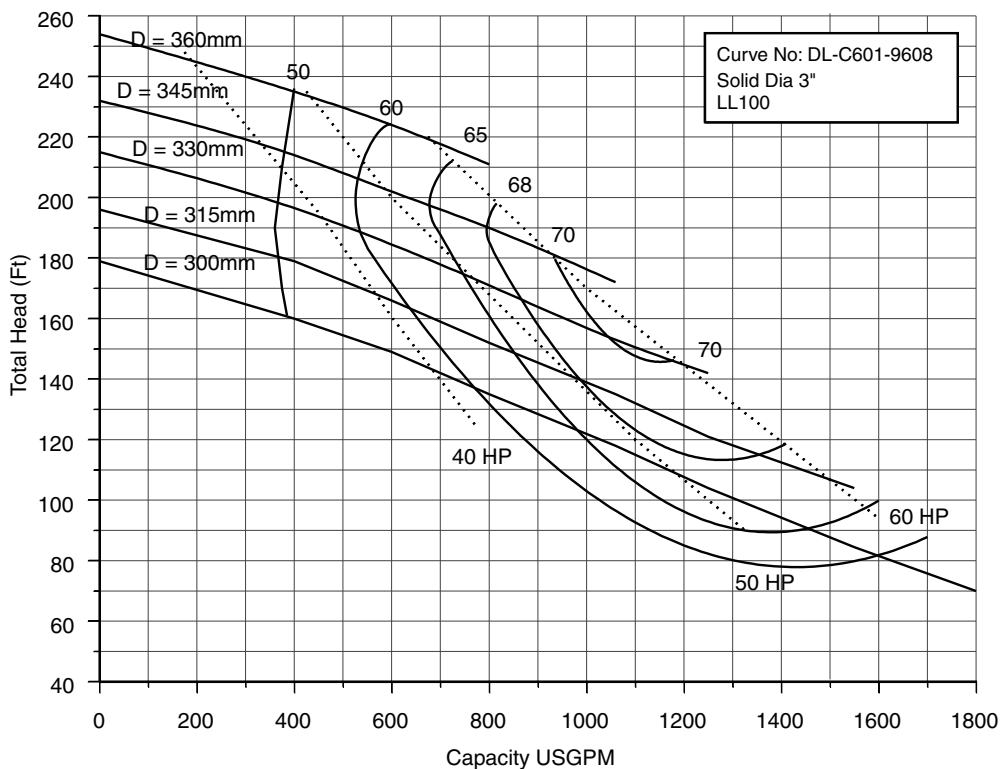
100DLF622 (30HP) Synchronous Speed: 1800 RPM

4, 6 inch Discharge



100DLF630 to 645 (40-60HP) Synchronous Speed: 1800 RPM

3, 4 inch Discharge

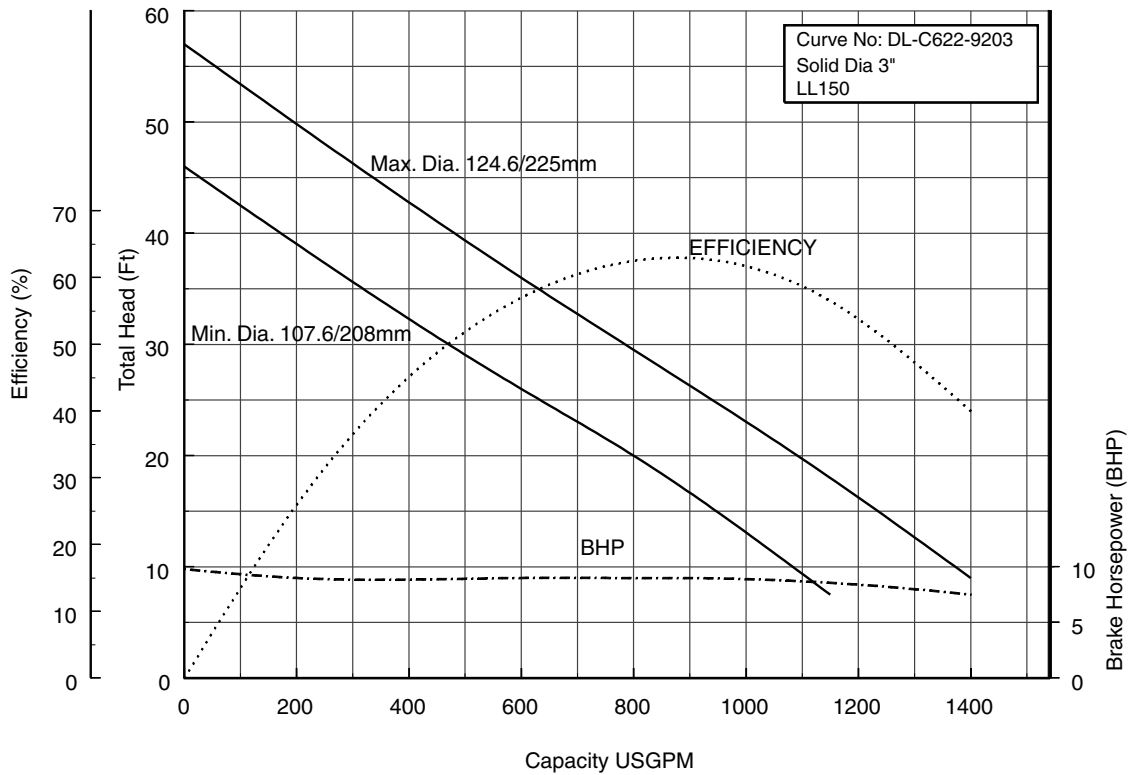


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

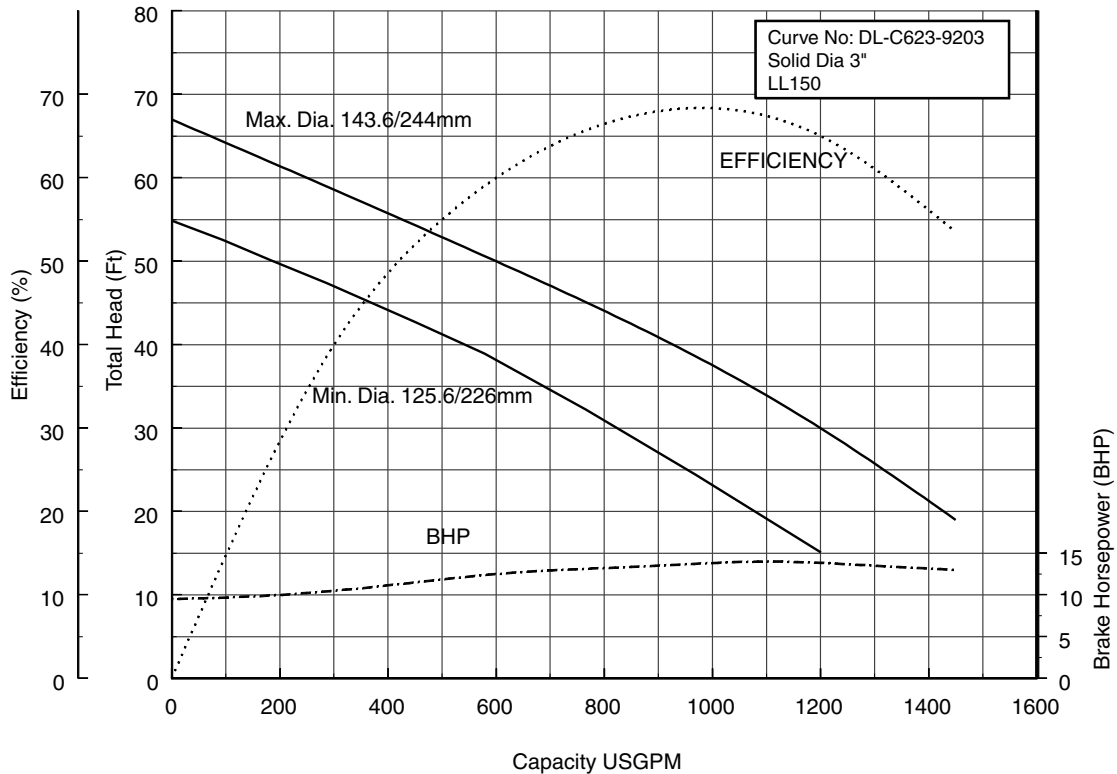
150DLF67.5 200DLF67.5 (10HP) Synchronous Speed: 1800 RPM

6, 8 inch Discharge



150DLF611 200DLF611 (15HP) Synchronous Speed: 1800 RPM

6, 8 inch Discharge

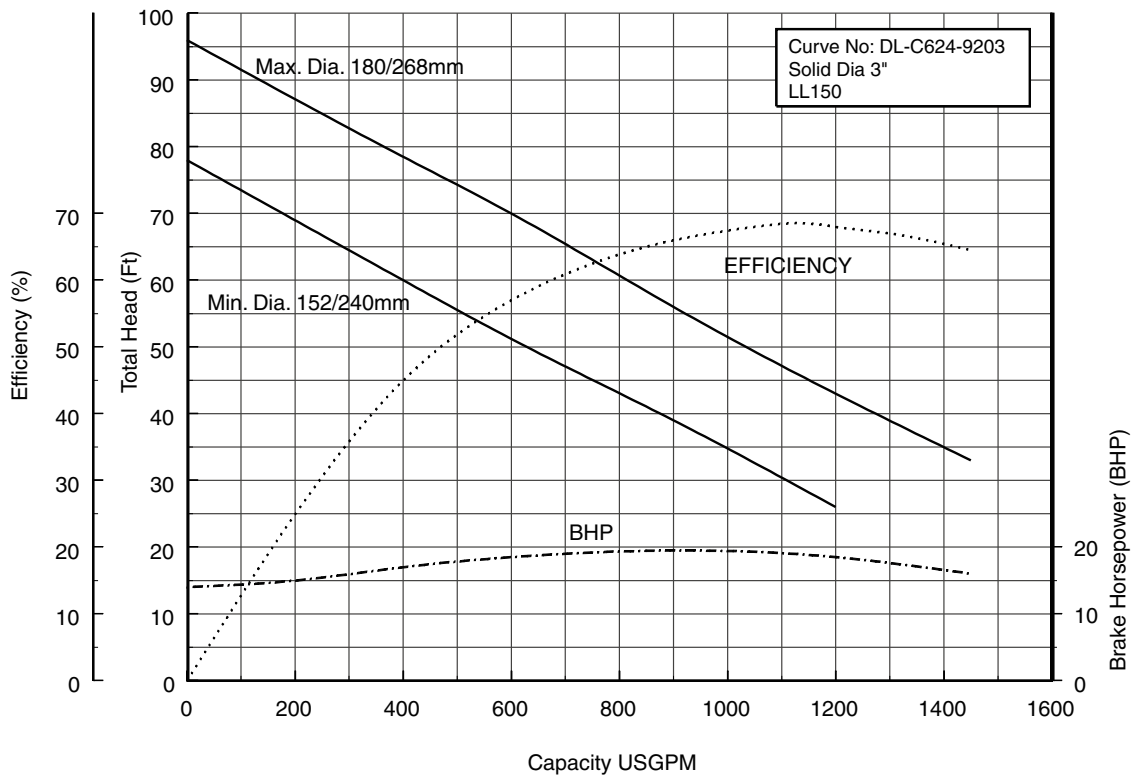


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

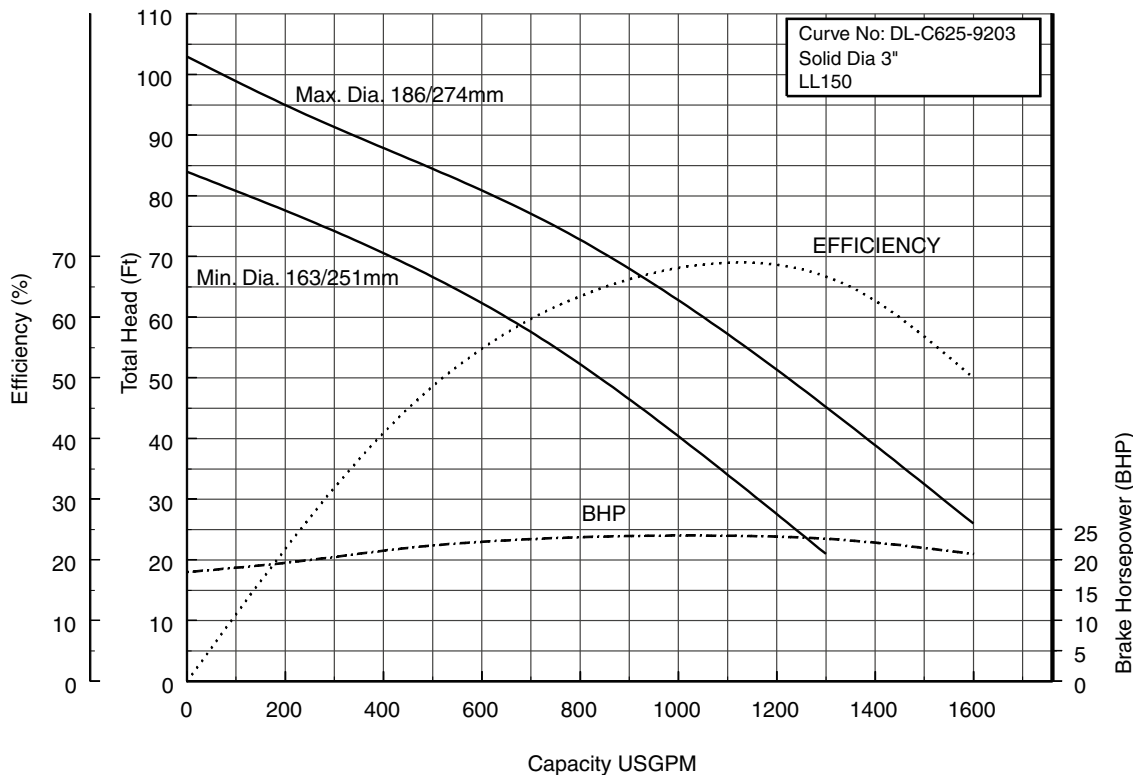
150DLF615 200DLF615 (20HP) Synchronous Speed: 1800 RPM

6, 8 inch Discharge



150DLF618 200DLF618 (25HP) Synchronous Speed: 1800 RPM

6, 8 inch Discharge

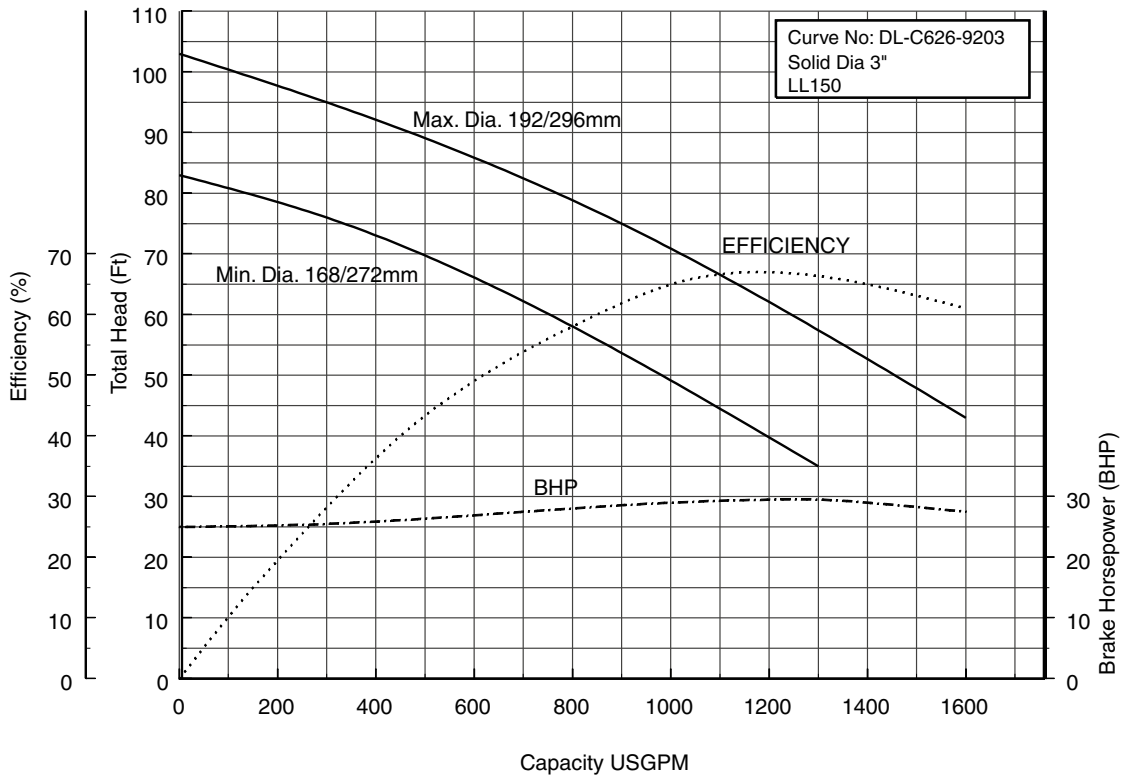


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

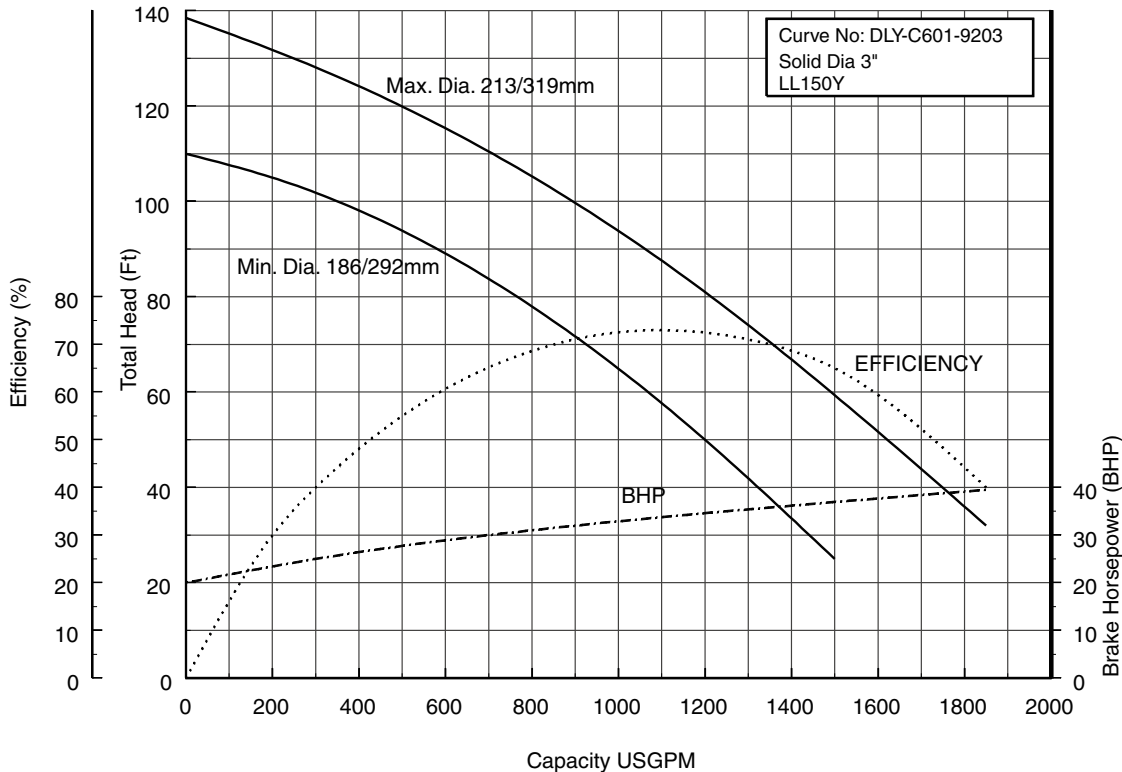
150DLF622 200DLF622 (30HP) Synchronous Speed: 1800 RPM

6,8 inch Discharge



150DLF630 (40HP) Synchronous Speed: 1800 RPM

6 inch Discharge

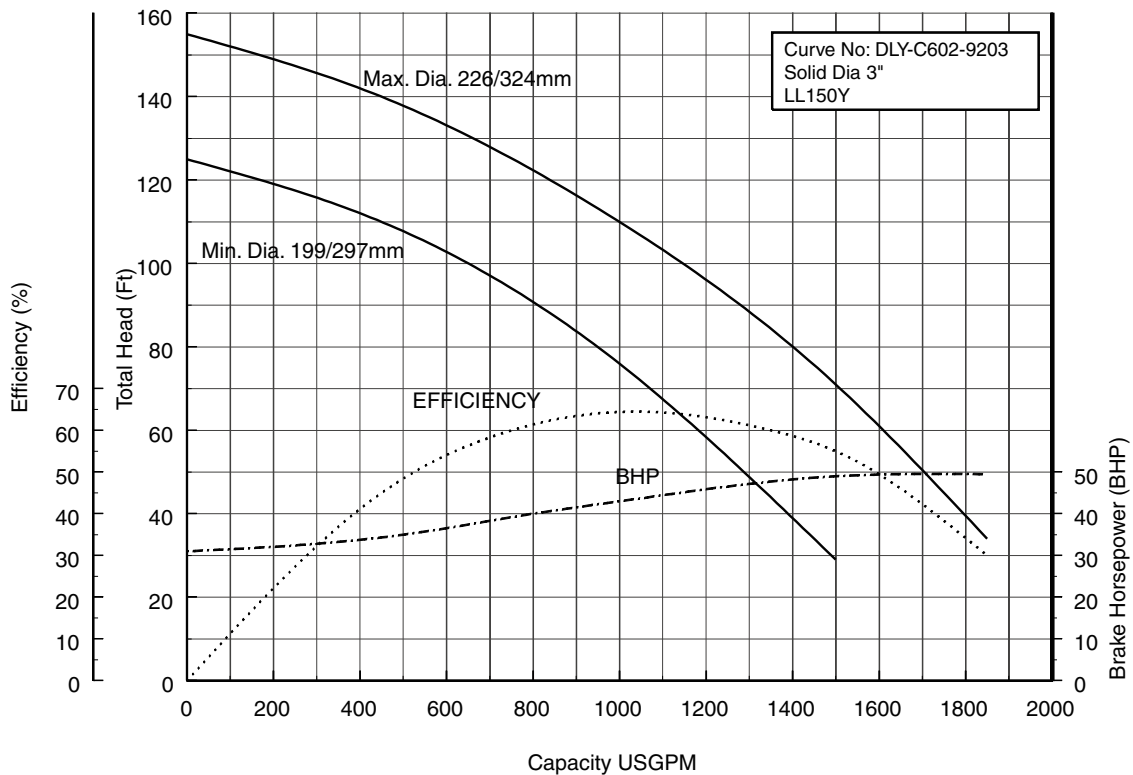


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

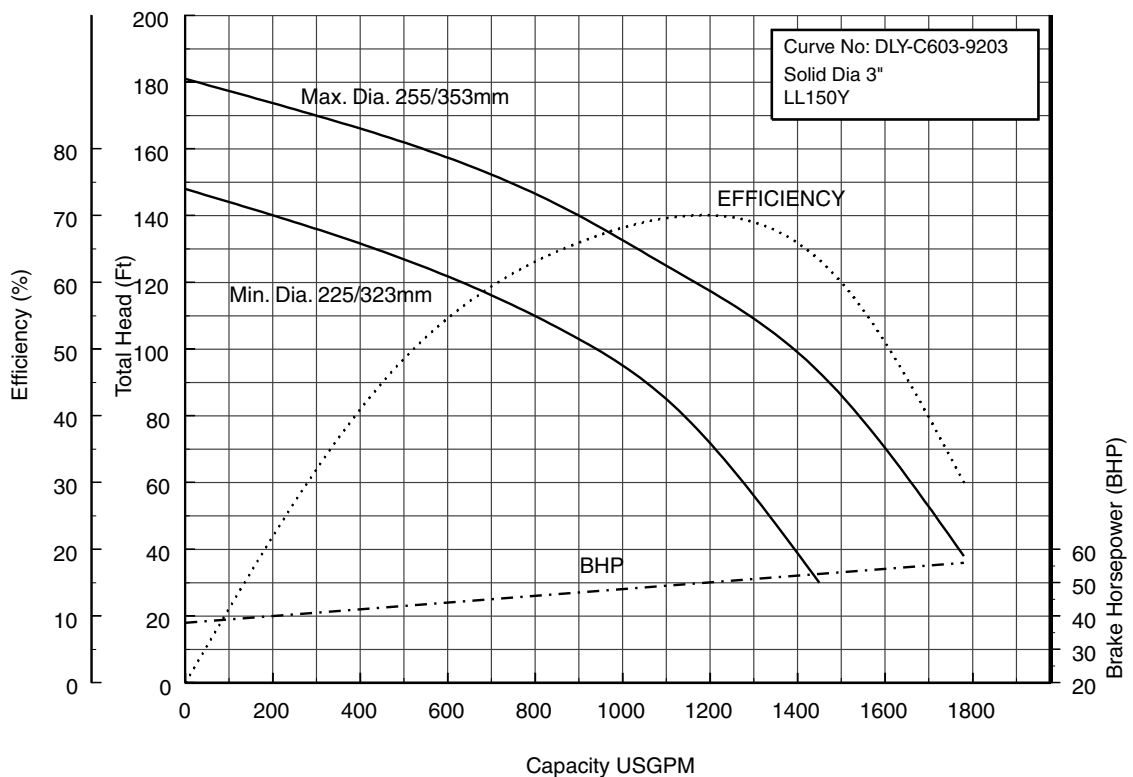
150DLF637 (50HP) Synchronous Speed: 1800 RPM

6 inch Discharge



150DLF645 (60HP) Synchronous Speed: 1800 RPM

6 inch Discharge

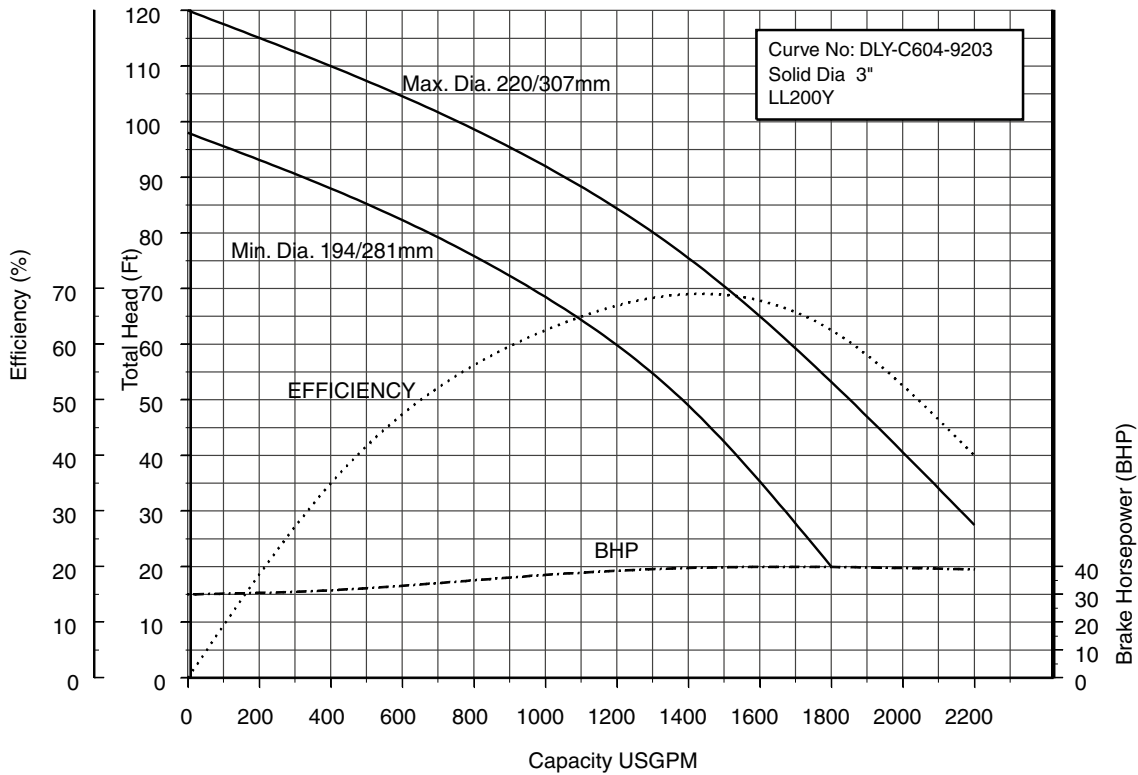


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

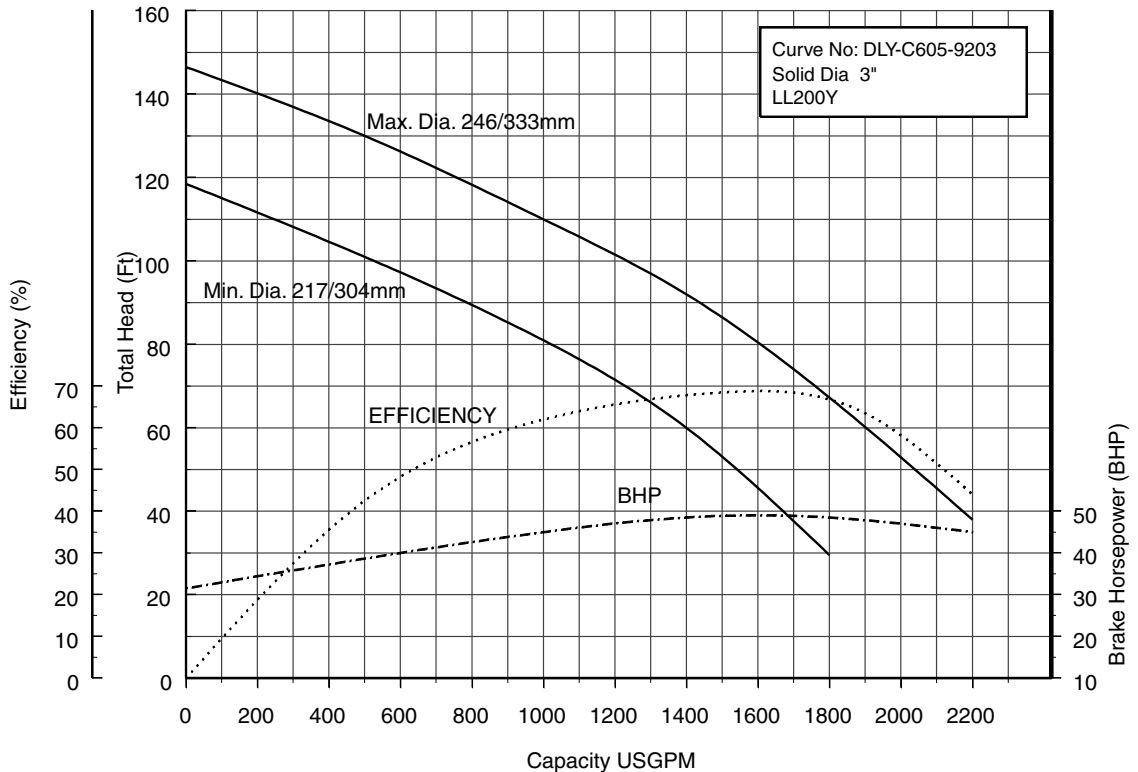
200DLF630 (40HP) Synchronous Speed: 1800 RPM

8 inch Discharge



200DLF637 (50HP) Synchronous Speed: 1800 RPM

8 inch Discharge

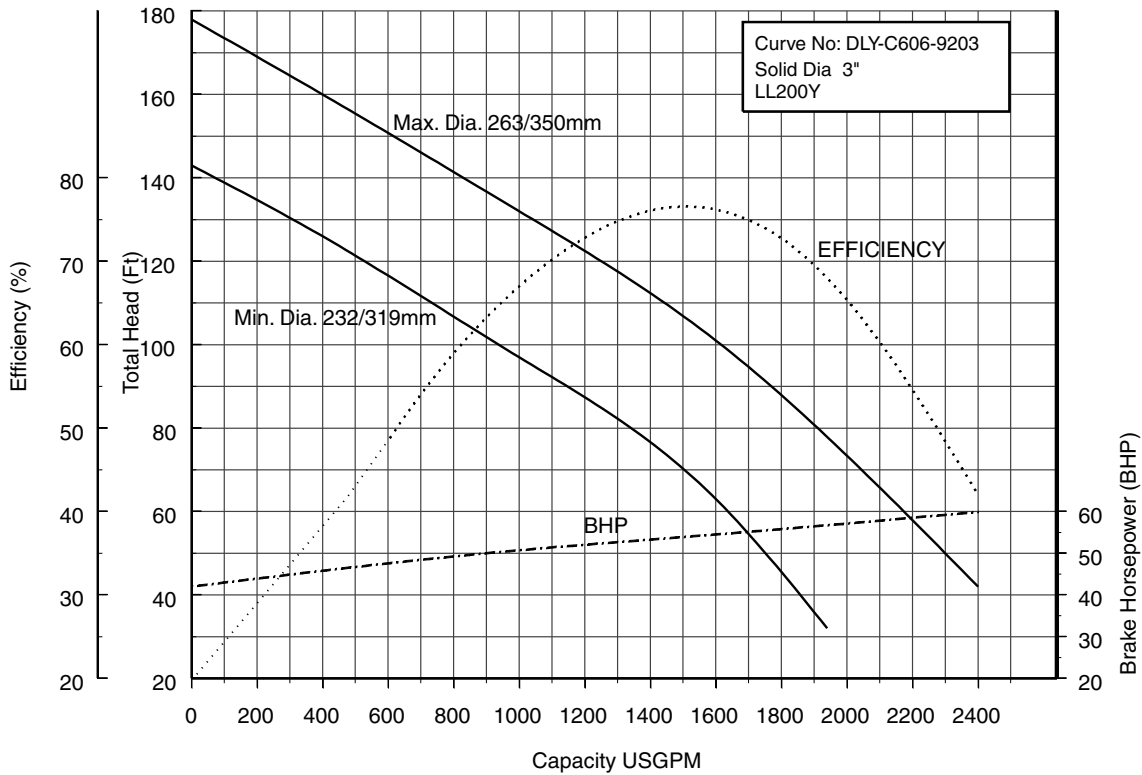


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

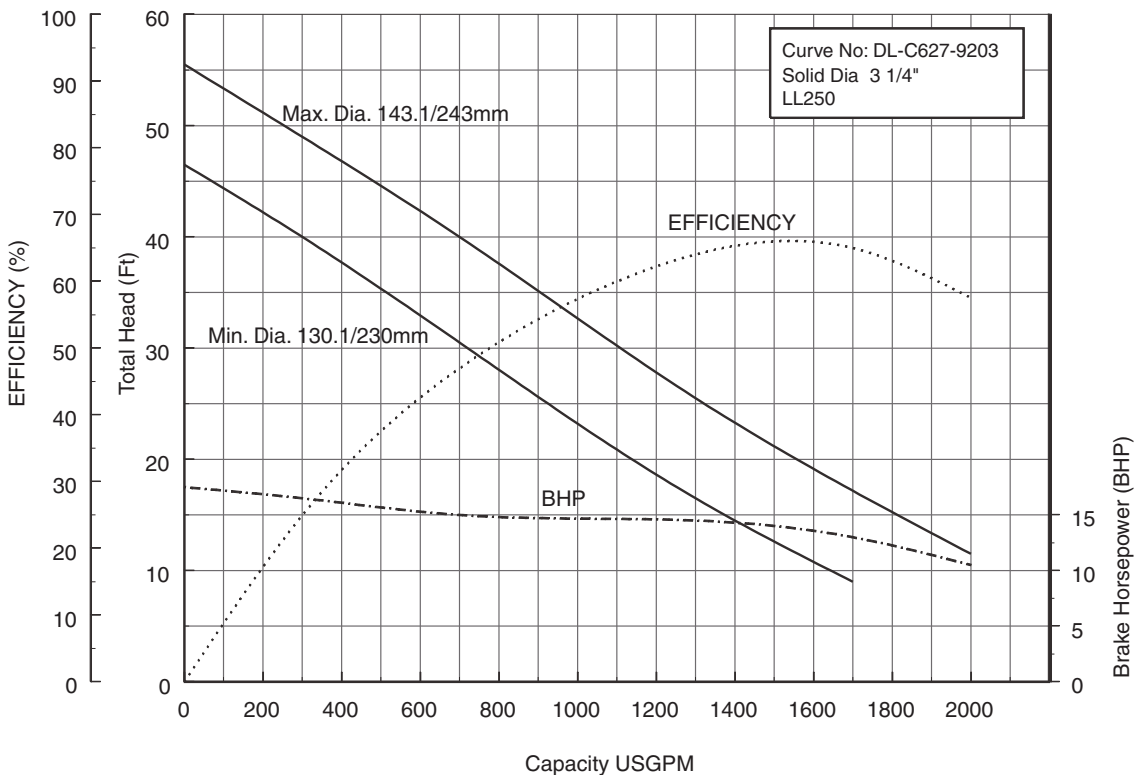
200DLF645 (60HP) Synchronous Speed: 1800 RPM

8 inch Discharge



250DLF611 (15HP) Synchronous Speed: 1800 RPM

10 inch Discharge

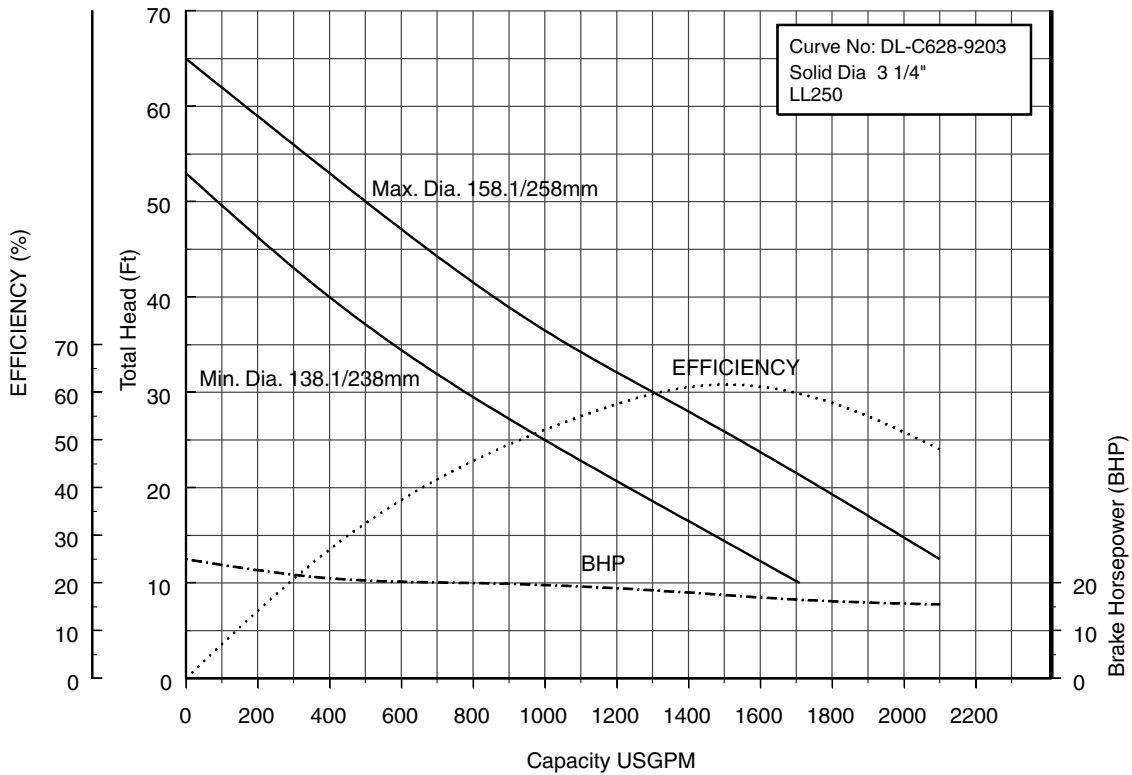


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

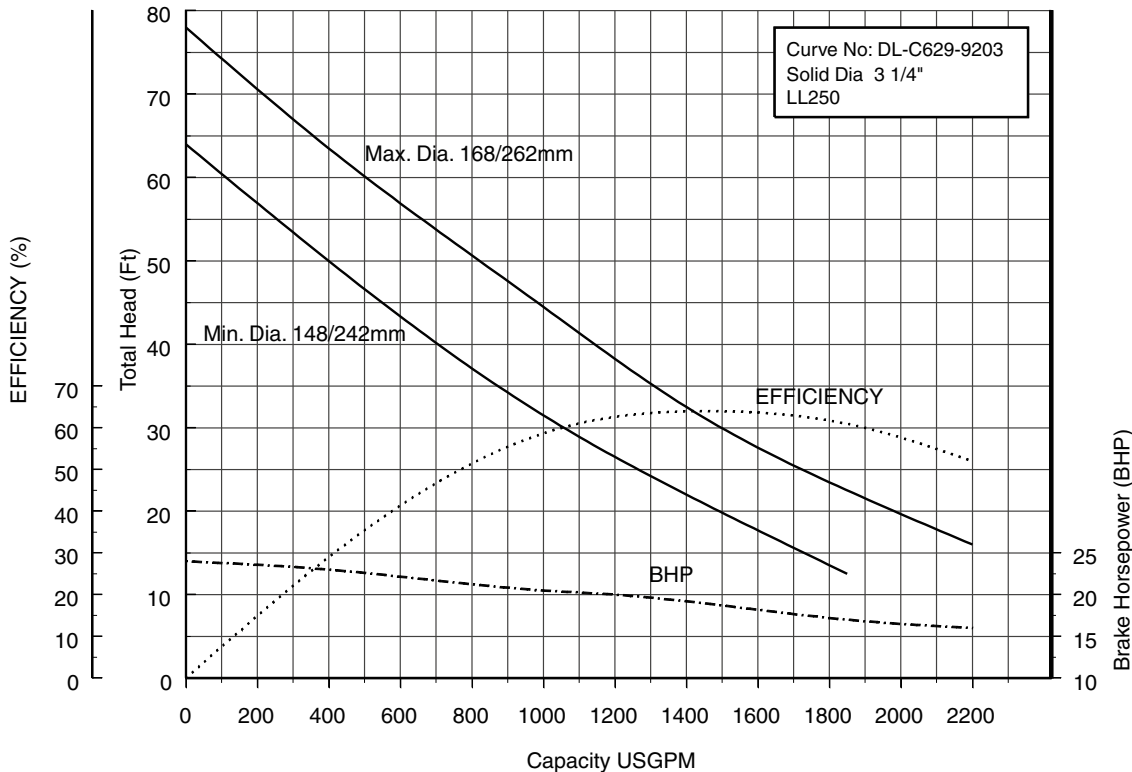
250DLBF615 (20HP) Synchronous Speed: 1800 RPM

10 inch Discharge



250DLCF615 (20HP) Synchronous Speed: 1800 RPM

10 inch Discharge

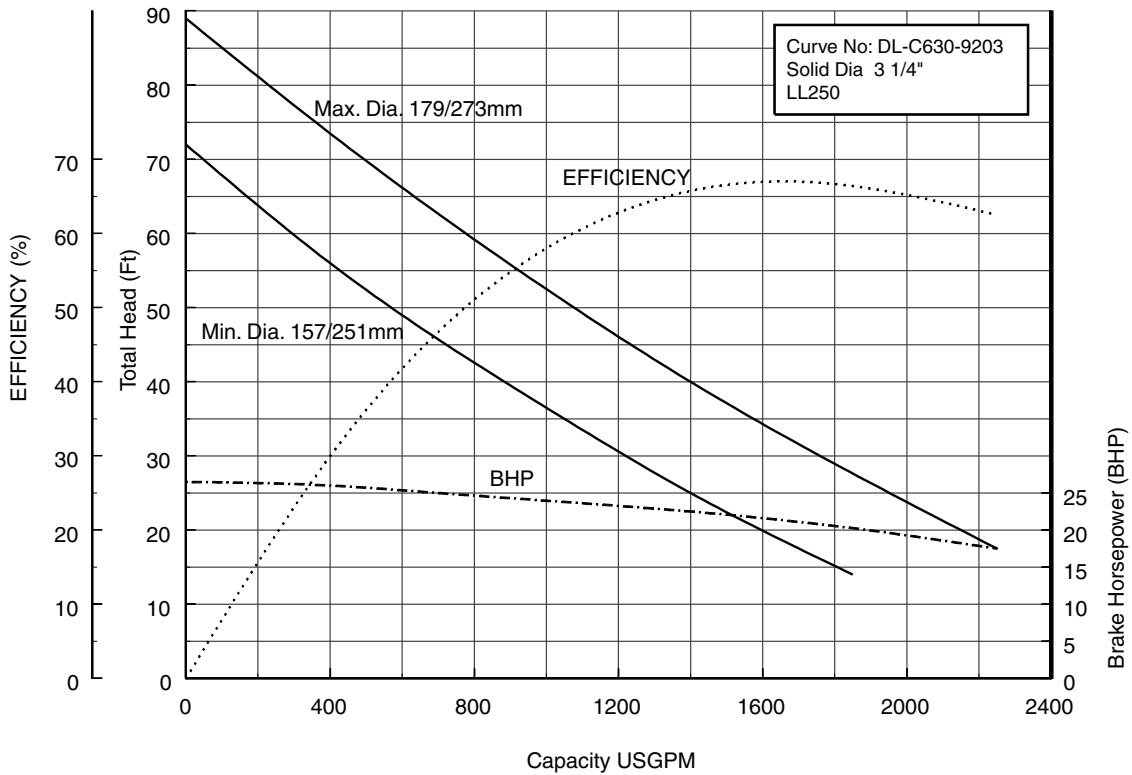


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

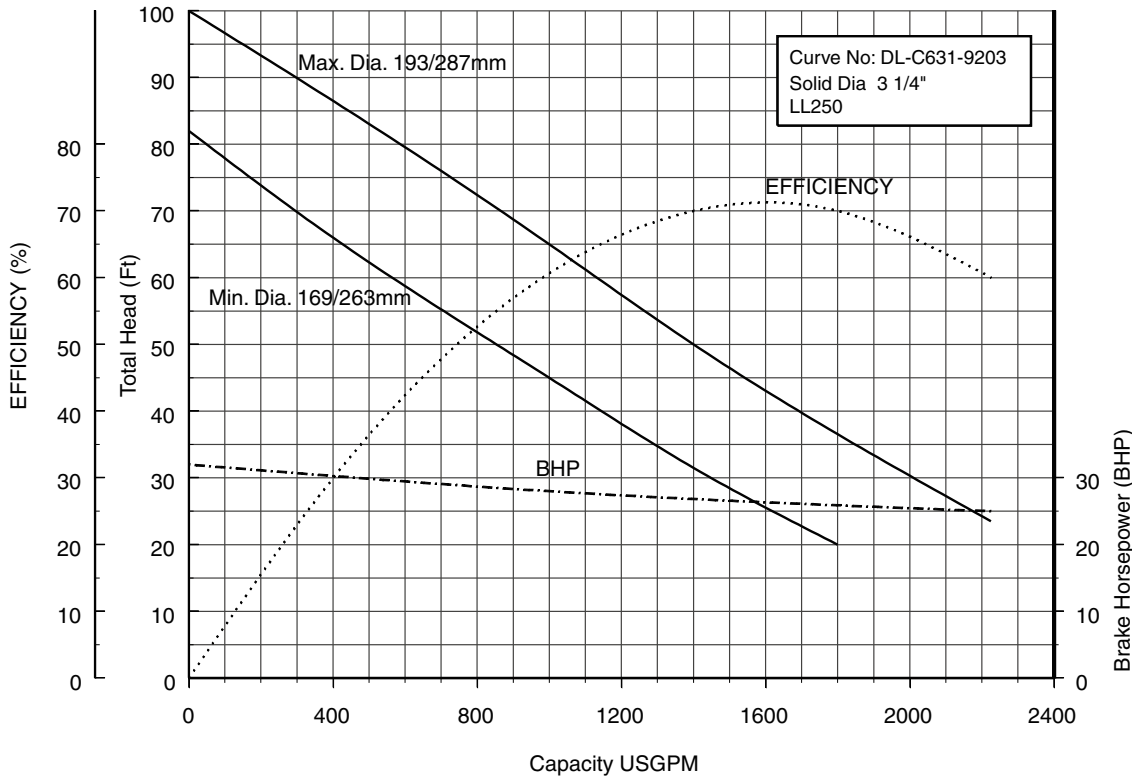
250DLF618 (25HP) Synchronous Speed: 1800 RPM

10 inch Discharge



250DLF622 (30HP) Synchronous Speed: 1800 RPM

10 inch Discharge

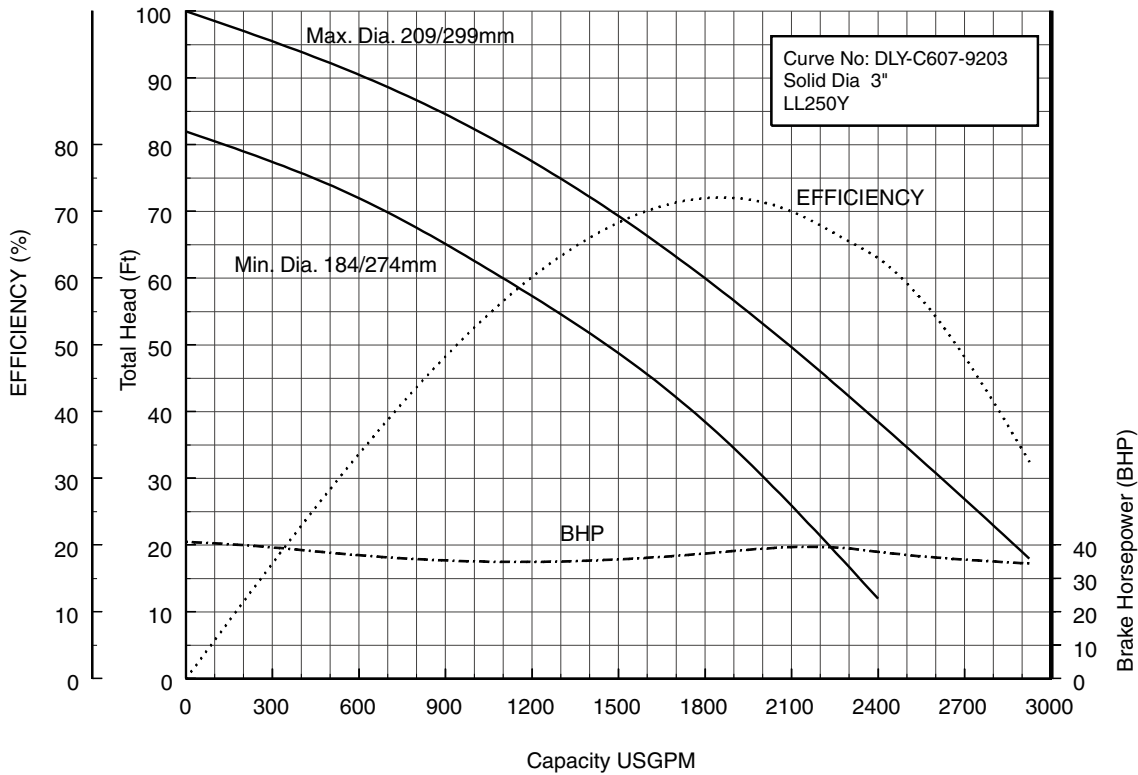


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

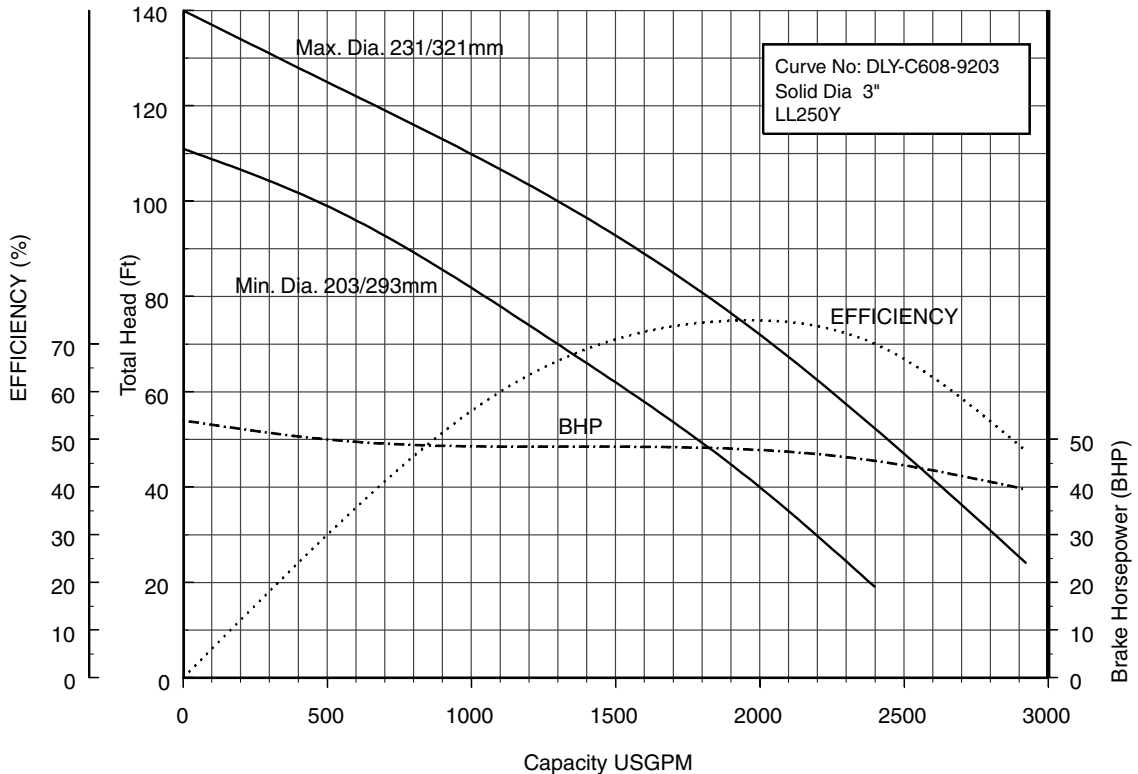
250DLF630 (40HP) Synchronous Speed: 1800 RPM

10 inch Discharge



250DLF637 (50HP) Synchronous Speed: 1800 RPM

10 inch Discharge

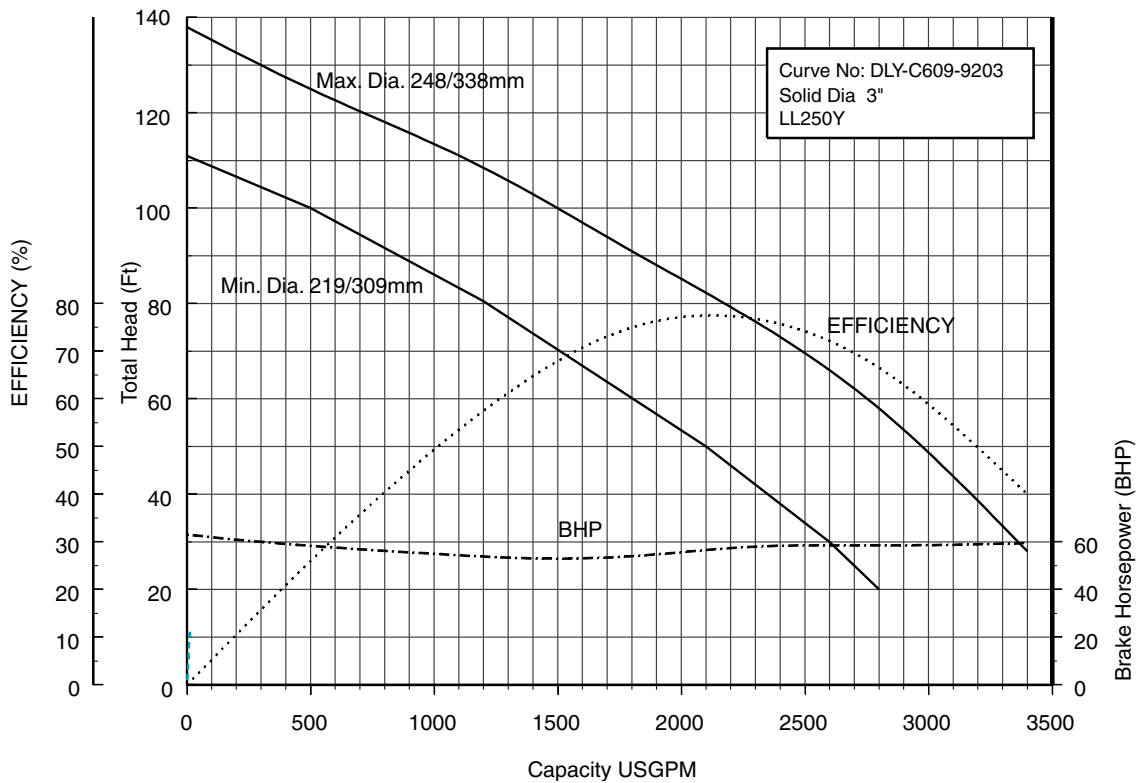


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

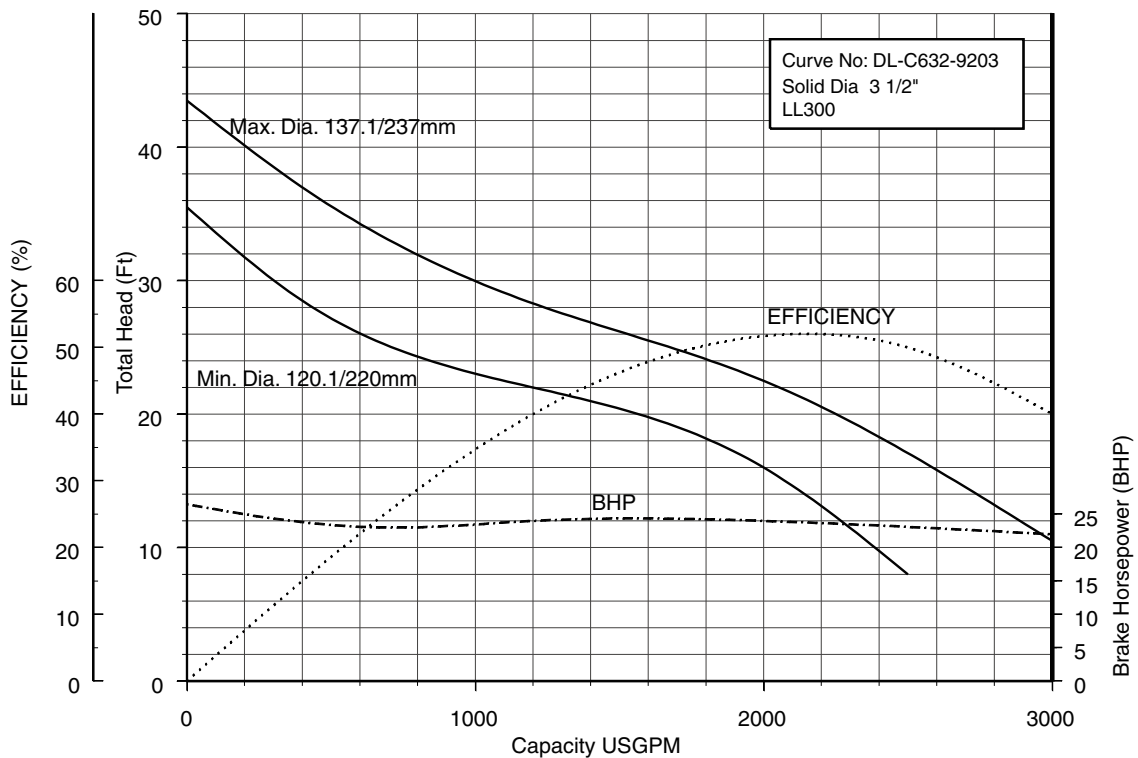
250DLF645 (60HP) Synchronous Speed: 1800 RPM

10 inch Discharge



300DLF618 (25HP) Synchronous Speed: 1800 RPM

12 inch Discharge

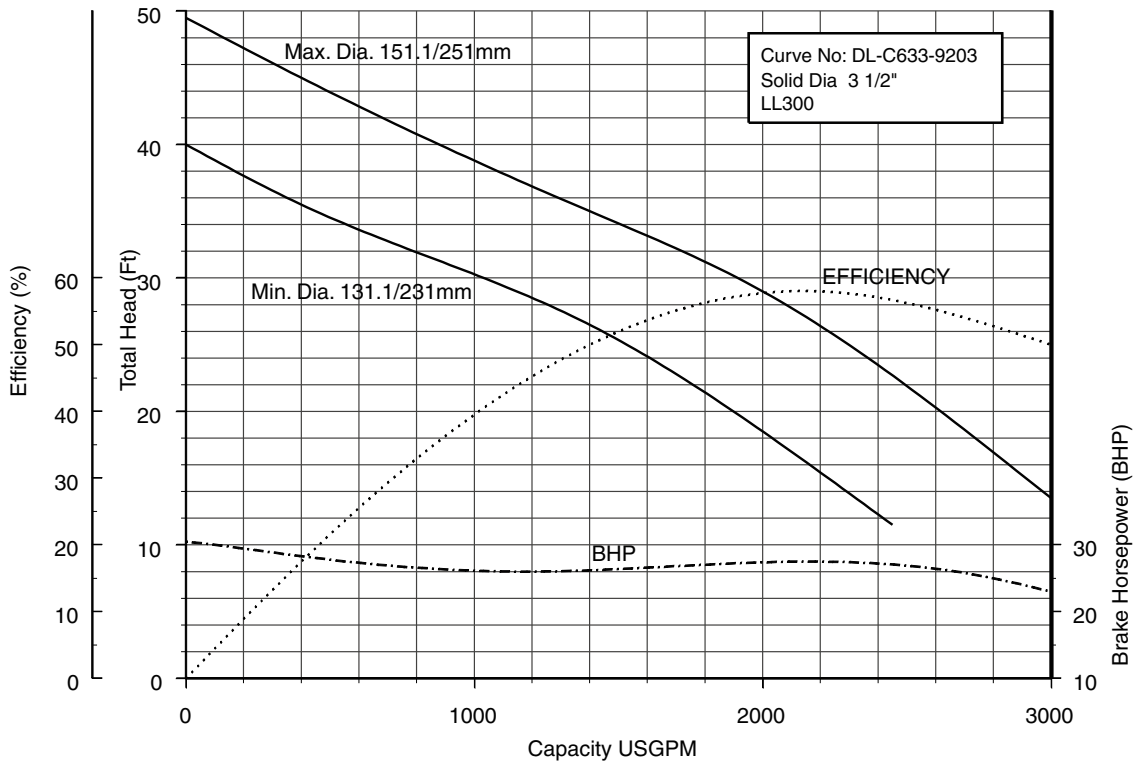


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

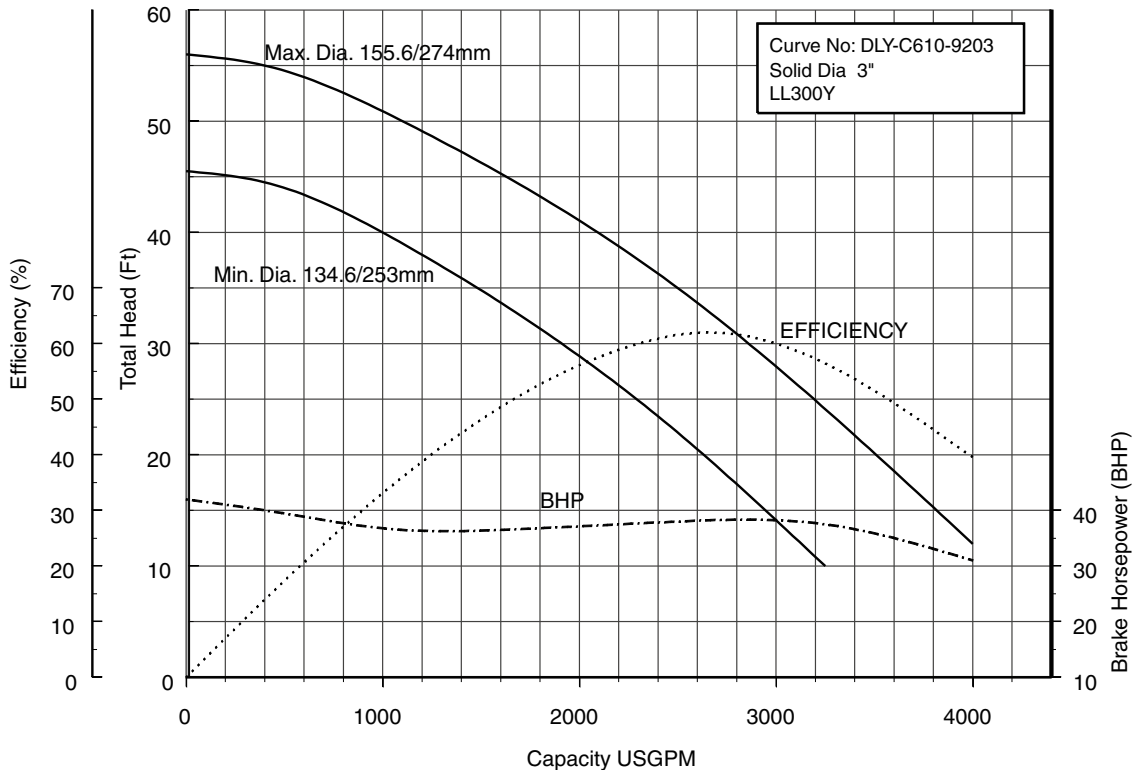
300DLF622 (30HP) Synchronous Speed: 1800 RPM

12 inch Discharge



300DLF630 (40HP) Synchronous Speed: 1800 RPM

12 inch Discharge

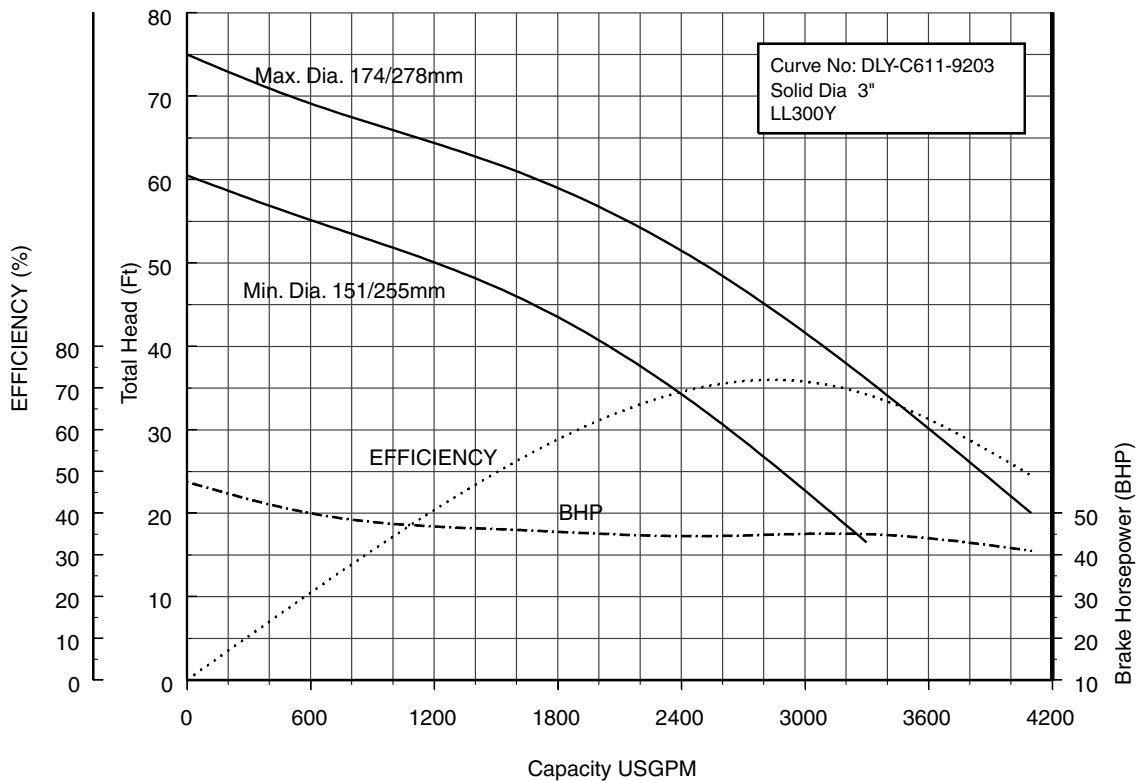


Performance Curves

Project: _____ GPM: _____ TDH: _____ EFF: _____ HP: _____ Chk'd: _____ Date: _____

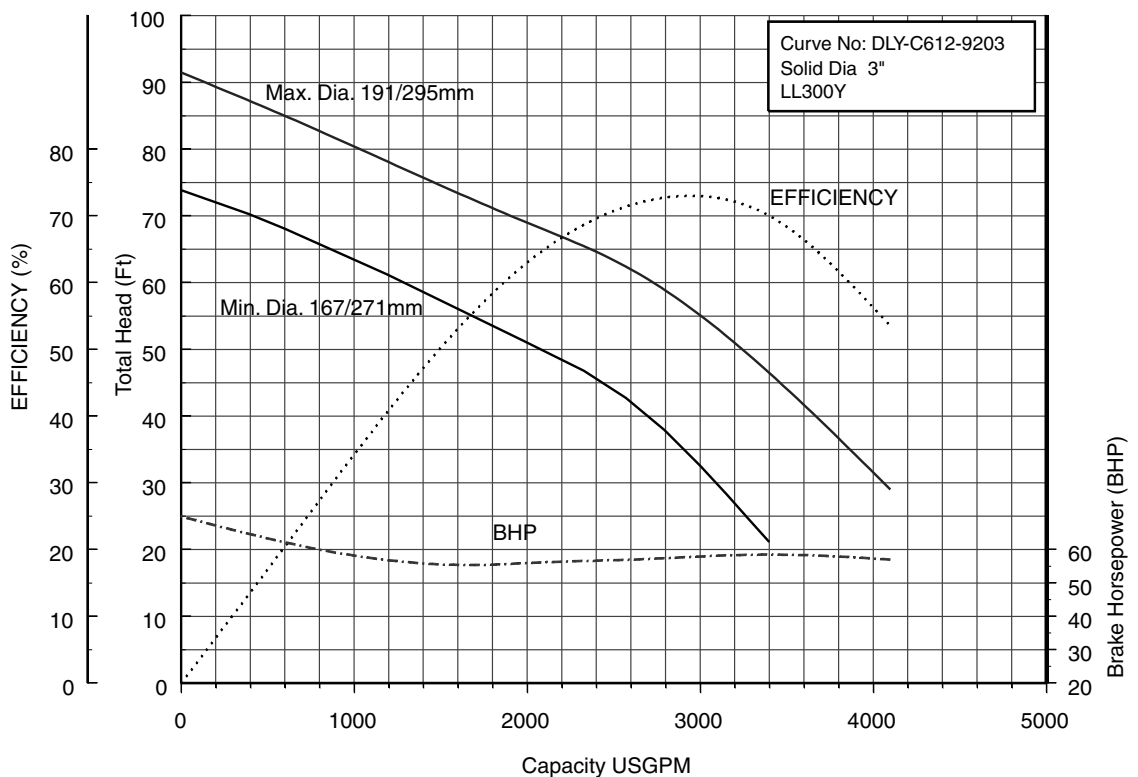
300DLF637 (50HP) Synchronous Speed: 1800 RPM

12 inch Discharge



300DLF645 (60HP) Synchronous Speed: 1800 RPM

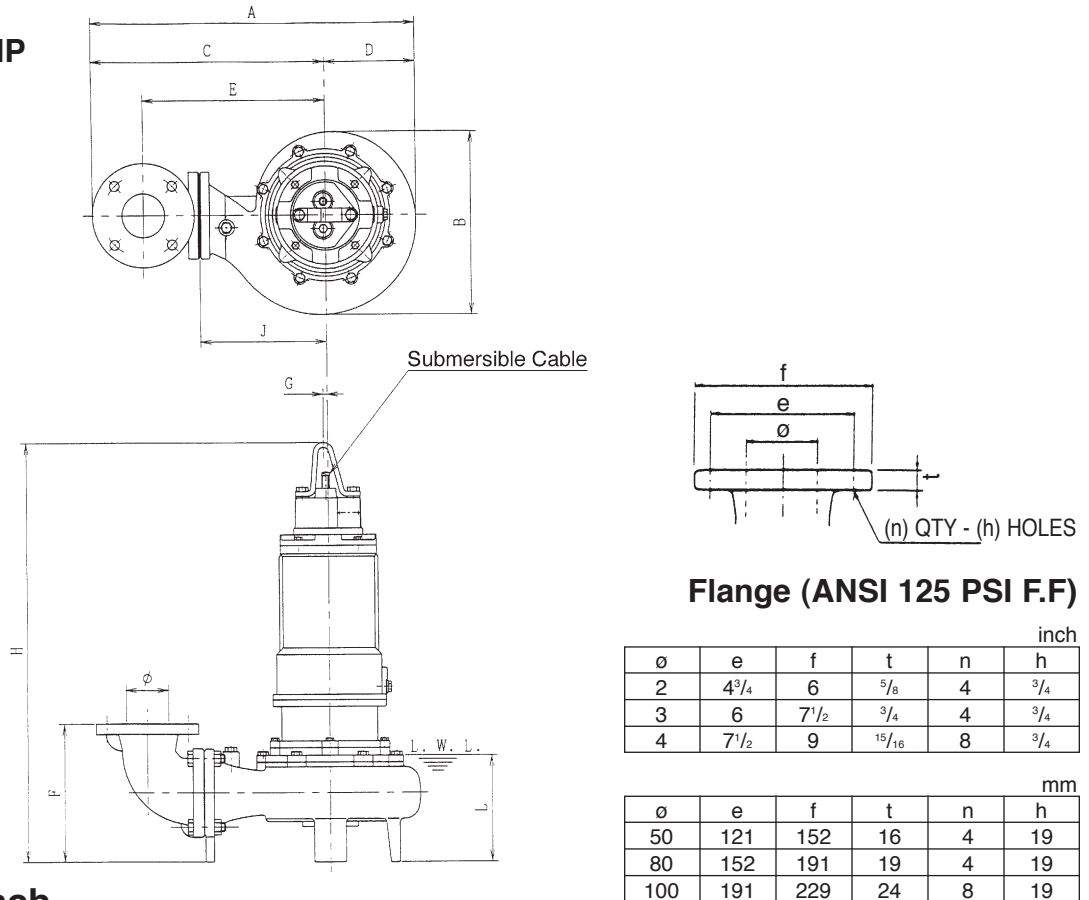
12 inch Discharge



Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU
50DLFU, 2HP
80DLFU, 2 to 30HP



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|--------|------------|--------|-------------------------------|----------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|--------------------------------|----------------------------------|---------------------------------|----------------------------------|-----------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 2/3 | 50DLFU61.5 | 1.5 | 2 | 17 ¹¹ / ₁₆ | 10 ¹ / ₈ | 12 ⁵ / ₈ | 5 ¹ / ₁₆ | 9 ⁵ / ₈ | 7 ⁷ / ₈ | 5 ⁵ / ₁₆ | 27 ¹¹ / ₁₆ | 7 ¹ / ₁₆ | 6 ⁵ / ₁₆ | 132 |
| | | 80DLFU61.5 | 1.5 | 2 | 20 ³ / ₄ | 11 ¹ / ₂ | 15 | 5 ³ / ₄ | 11 ¹ / ₄ | 8 ¹¹ / ₁₆ | 5 ⁵ / ₁₆ | 28 ¹ / ₂ | 8 ³ / ₄ | 7 ¹ / ₁₆ | 148 |
| | | 80DLFU62.2 | 2.2 | 3 | 23 ¹³ / ₁₆ | 13 ³ / ₁₆ | 17 ⁹ / ₁₆ | 6 ⁵ / ₈ | 13 ³ / ₈ | 9 ¹³ / ₁₆ | 5 ⁵ / ₁₆ | 30 ¹ / ₄ | 9 ¹ / ₄ | 8 ¹ / ₁₆ | 209 |
| | | 80DLFU63.7 | 3.7 | 5 | 23 ¹³ / ₁₆ | 13 ³ / ₁₆ | 17 ⁹ / ₁₆ | 6 ⁵ / ₈ | 13 ³ / ₈ | 9 ¹³ / ₁₆ | 5 ⁵ / ₁₆ | 31 ¹³ / ₁₆ | 9 ¹ / ₄ | 8 ¹ / ₁₆ | 209 |
| | 3/4 | 80DLFU65.5 | 5.5 | 7 ¹ / ₂ | 23 ¹³ / ₁₆ | 13 ³ / ₁₆ | 17 ⁹ / ₁₆ | 6 ⁵ / ₈ | 13 ³ / ₈ | 9 ¹³ / ₁₆ | 3 ³ / ₈ | 37 ¹ / ₈ | 9 ¹ / ₄ | 11 | 317 |
| | | 80DLFU67.5 | 7.5 | 10 | 25 ¹ / ₁₆ | 14 ¹ / ₂ | 17 ³ / ₄ | 7 ⁵ / ₁₆ | 14 | 12 ¹¹ / ₁₆ | 3 ³ / ₈ | 36 ¹ / ₁₆ | 9 ¹³ / ₁₆ | 10 ¹ / ₄ | 344 |
| | | 80DLFU611 | 11 | 15 | 26 ⁷ / ₈ | 15 ⁹ / ₁₆ | 18 ⁹ / ₁₆ | 7 ⁵ / ₈ | 14 ³ / ₄ | 12 ¹¹ / ₁₆ | 5 ⁵ / ₁₆ | 39 ⁹ / ₁₆ | 10 ⁵ / ₈ | 9 ¹³ / ₁₆ | 470 |
| | | 80DLFU615 | 15 | 20 | 26 ⁷ / ₈ | 15 ⁹ / ₁₆ | 18 ⁹ / ₁₆ | 7 ⁵ / ₈ | 14 ³ / ₄ | 12 ¹¹ / ₁₆ | 5 ⁵ / ₁₆ | 42 ⁵ / ₁₆ | 10 ⁵ / ₈ | 10 ¹³ / ₁₆ | 564 |
| | | 80DLFU618 | 18.5 | 25 | 27 ¹ / ₄ | 15 ¹³ / ₁₆ | 19 ⁹ / ₁₆ | 7 ¹⁵ / ₁₆ | 15 ⁹ / ₁₆ | 12 ¹¹ / ₁₆ | 5 ⁵ / ₁₆ | 43 ⁷ / ₈ | 11 ⁷ / ₁₆ | 10 ¹³ / ₁₆ | 639 |
| | | 80DLFU622 | 22 | 30 | 27 ¹ / ₄ | 15 ¹³ / ₁₆ | 19 ⁹ / ₁₆ | 7 ¹⁵ / ₁₆ | 15 ⁹ / ₁₆ | 12 ¹¹ / ₁₆ | 5 ⁵ / ₁₆ | 43 ⁷ / ₈ | 11 ⁷ / ₁₆ | 10 ¹³ / ₁₆ | 694 |

Dimensions: mm

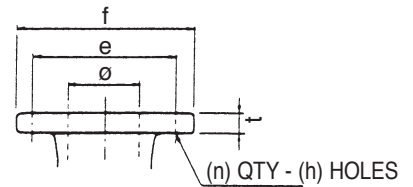
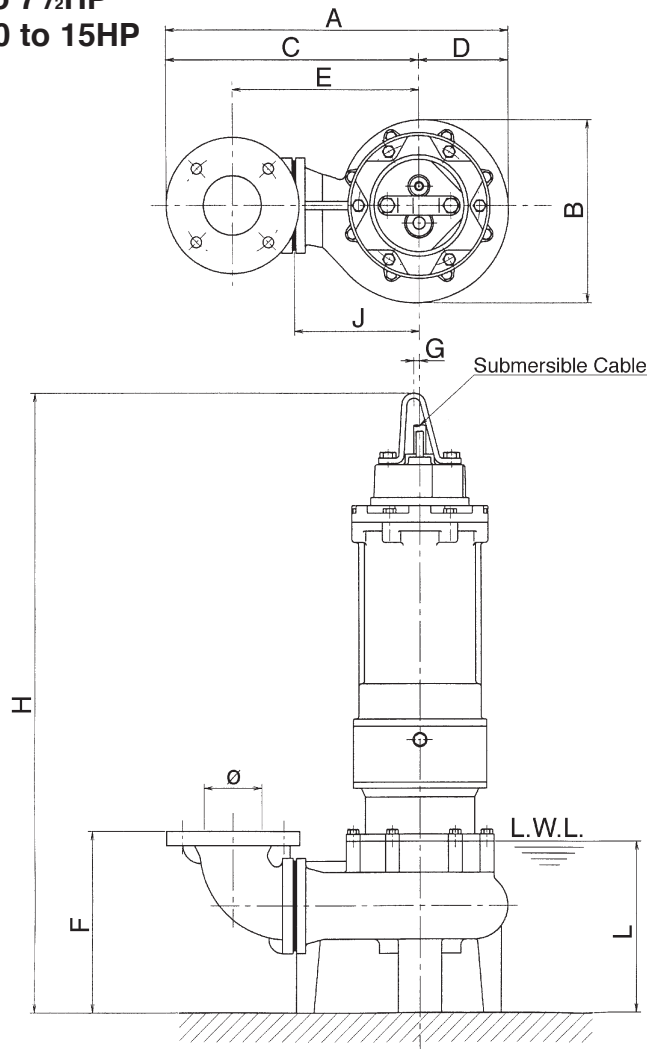
| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|--------|------------|--------|-------------------------------|--------------|-----|-----|-----|-----|-----|----|------|-----|-----|-----------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 50/80 | 50DLFU61.5 | 1.5 | 2 | 450 | 257 | 321 | 129 | 245 | 200 | 8 | 703 | 180 | 160 | 60 |
| | | 80DLFU61.5 | 1.5 | 2 | 527 | 292 | 381 | 146 | 285 | 220 | 8 | 724 | 210 | 180 | 67 |
| | | 80DLFU62.2 | 2.2 | 3 | 605 | 335 | 436 | 169 | 340 | 250 | 8 | 768 | 235 | 205 | 95 |
| | | 80DLFU63.7 | 3.7 | 5 | 605 | 335 | 436 | 169 | 340 | 250 | 8 | 808 | 235 | 205 | 95 |
| | 80/100 | 80DLFU65.5 | 5.5 | 7 ¹ / ₂ | 605 | 335 | 436 | 169 | 340 | 250 | 10 | 943 | 235 | 280 | 144 |
| | | 80DLFU67.5 | 7.5 | 10 | 636 | 369 | 451 | 186 | 355 | 323 | 10 | 916 | 250 | 260 | 156 |
| | | 80DLFU611 | 11 | 15 | 664 | 385 | 471 | 193 | 375 | 323 | 8 | 1005 | 270 | 250 | 213 |
| | | 80DLFU615 | 15 | 20 | 664 | 385 | 471 | 193 | 375 | 323 | 8 | 1075 | 270 | 275 | 256 |
| | | 80DLFU618 | 18.5 | 25 | 692 | 402 | 491 | 202 | 395 | 323 | 8 | 1115 | 290 | 275 | 290 |
| | | 80DLFU622 | 22 | 30 | 692 | 402 | 491 | 202 | 395 | 323 | 8 | 1115 | 290 | 275 | 315 |

***Note:** All 80DLFU dimensions are based on 3" discharge.

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLMFU
80DLMFU, 2 to 7½HP
80DLCMFU, 10 to 15HP



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|----|----|-------|---|---|
| ø | e | f | t | n | h |
| 3 | 6 | 7½ | ¾ | 4 | ¾ |
| 4 | 7½ | 9 | 15/16 | 8 | ¾ |

| mm | | | | | |
|-----|-----|-----|----|---|----|
| ø | e | f | t | n | h |
| 80 | 152 | 191 | 19 | 4 | 19 |
| 100 | 191 | 229 | 24 | 8 | 19 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|--------|--------------|--------|----|--------------|---------|---------|-------|--------|--------|------|--------|--------|-------|-----------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 3/4 | 80DLMFU61.5 | 1.5 | 2 | 20¾ | 11½ | 15 | 5¾ | 11¼ | 8¹¹/₁₆ | ⁵/₁₆ | 28½ | 8¼ | 7¹/₁₆ | 157 |
| | | 80DLMFU62.2 | 2.2 | 3 | 20¾ | 11½ | 15 | 5¾ | 11¼ | 8¹¹/₁₆ | ⁵/₁₆ | 29½ | 8¼ | 7½ | 187 |
| | | 80DLMFU63.7 | 3.7 | 5 | 21⁷/₁₆ | 12⁷/₈ | 15³/₈ | 6¹/₁₆ | 11⁵/₈ | 8¹¹/₁₆ | ⁵/₁₆ | 31¹/₁₆ | 8¹¹/₁₆ | 7½ | 205 |
| | | 80DLMFU65.5 | 5.5 | 7½ | 22⁷/₁₆ | 12¹⁵/₁₆ | 16 | 6⁷/₁₆ | 12²/₁₆ | 8¹¹/₁₆ | ³/₈ | 36³/₈ | 9¼ | 10¼ | 311 |
| | | 80DLCMFU67.5 | 7.5 | 10 | 26³/₈ | 14¹⁵/₁₆ | 18⁷/₈ | 7½ | 13³/₁₆ | 12¹/₁₆ | ³/₈ | 35⁵/₈ | 10¼ | 9¹/₁₆ | 375 |
| | | 80DLCMFU611 | 11 | 15 | 27⁹/₁₆ | 15¹¹/₁₆ | 19¹¹/₁₆ | 7⁷/₈ | 14 | 12 | ⁵/₁₆ | 39⁵/₁₆ | 11 | 9¹/₁₆ | 500 |

Dimensions: mm

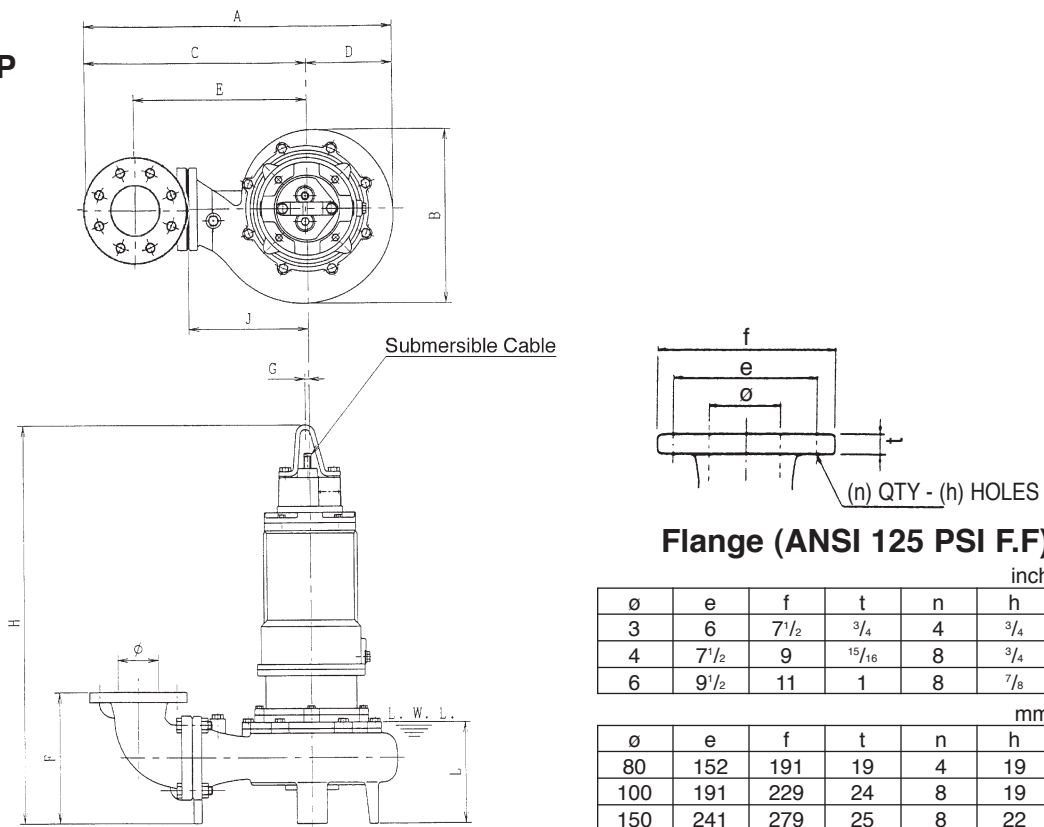
| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|--------|--------------|--------|----|--------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 80/100 | 80DLMFU61.5 | 1.5 | 2 | 527 | 292 | 381 | 146 | 285 | 220 | 8 | 724 | 210 | 180 | 71 |
| | | 80DLMFU62.2 | 2.2 | 3 | 527 | 292 | 381 | 146 | 285 | 220 | 8 | 750 | 210 | 190 | 85 |
| | | 80DLMFU63.7 | 3.7 | 5 | 545 | 308 | 391 | 154 | 295 | 220 | 8 | 789 | 220 | 190 | 93 |
| | | 80DLMFU65.5 | 5.5 | 7½ | 570 | 328 | 406 | 164 | 310 | 220 | 10 | 924 | 235 | 261 | 141 |
| | | 80DLCMFU67.5 | 7.5 | 10 | 670 | 379 | 480 | 190 | 335 | 307 | 10 | 905 | 260 | 240 | 170 |
| | | 80DLCMFU611 | 11 | 15 | 700 | 399 | 500 | 200 | 355 | 305 | 8 | 998 | 280 | 240 | 227 |

***Note:** All dimensions are based on 3" discharge.

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU
100DLFU, 2 to 60HP



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|--------|-------------|--------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|----------------------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------|
| | | | kW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 3/4 | 100DLFU61.5 | 1.5 | 2 | 21 ³ / ₄ | 10 ¹ / ₂ | 16 ⁹ / ₁₆ | 5 ¹ / ₄ | 12 | 10 ¹³ / ₁₆ | ⁵ / ₁₆ | 29 ¹⁵ / ₁₆ | 7 ⁷ / ₈ | 8 ¹¹ / ₁₆ | 170 |
| | | 100DLFU62.2 | 2.2 | 3 | 22 ⁷ / ₈ | 11 ¹ / ₈ | 17 ⁵ / ₁₆ | 5 ⁹ / ₁₆ | 12 ¹³ / ₁₆ | 10 ¹³ / ₁₆ | ⁵ / ₁₆ | 30 ¹³ / ₁₆ | 8 ¹¹ / ₁₆ | 8 ¹¹ / ₁₆ | 198 |
| | | 100DLFU63.7 | 3.7 | 5 | 22 ⁷ / ₈ | 11 ¹ / ₈ | 17 ⁵ / ₁₆ | 5 ⁹ / ₁₆ | 12 ¹³ / ₁₆ | 10 ¹³ / ₁₆ | ⁵ / ₁₆ | 32 ³ / ₈ | 8 ¹¹ / ₁₆ | 8 ¹¹ / ₁₆ | 216 |
| | 4/6 | 100DLFU65.5 | 5.5 | 7 ¹ / ₂ | 28 ⁹ / ₁₆ | 15 ¹¹ / ₁₆ | 20 ¹¹ / ₁₆ | 7 ⁷ / ₈ | 16 ¹ / ₈ | 15 | ³ / ₈ | 37 ⁷ / ₁₆ | 11 | 11 ⁷ / ₁₆ | 353 |
| | | 100DLFU67.5 | 7.5 | 10 | 28 ⁹ / ₁₆ | 15 ¹¹ / ₁₆ | 20 ¹¹ / ₁₆ | 7 ⁷ / ₈ | 16 ¹ / ₈ | 15 | ³ / ₈ | 37 ⁷ / ₁₆ | 11 | 11 ⁷ / ₁₆ | 395 |
| | | 100DLFU611 | 11 | 15 | 28 ⁹ / ₁₆ | 15 ¹¹ / ₁₆ | 20 ¹¹ / ₁₆ | 7 ⁷ / ₈ | 16 ¹ / ₈ | 15 | ⁵ / ₁₆ | 41 ¹ / ₈ | 11 | 11 ⁷ / ₁₆ | 476 |
| | | 100DLFU615 | 15 | 20 | 29 ³ / ₄ | 16 ⁷ / ₁₆ | 21 ⁷ / ₁₆ | 8 ¹ / ₄ | 16 ¹⁵ / ₁₆ | 14 ¹³ / ₁₆ | ⁵ / ₁₆ | 43 ³ / ₄ | 11 ¹³ / ₁₆ | 11 ¹³ / ₁₆ | 602 |
| | | 100DLFU618 | 18.5 | 25 | 30 ⁷ / ₈ | 17 ¹ / ₄ | 22 ¹ / ₄ | 8 ¹¹ / ₁₆ | 17 ¹¹ / ₁₆ | 14 ¹³ / ₁₆ | ⁵ / ₁₆ | 44 ¹³ / ₁₆ | 12 ⁵ / ₈ | 11 ¹³ / ₁₆ | 677 |
| | | 100DLFU622 | 22 | 30 | 30 ⁷ / ₈ | 17 ¹ / ₄ | 22 ¹ / ₄ | 8 ¹¹ / ₁₆ | 17 ¹¹ / ₁₆ | 14 ¹³ / ₁₆ | ⁵ / ₁₆ | 44 ¹³ / ₁₆ | 12 ⁵ / ₈ | 11 ¹³ / ₁₆ | 736 |
| | 4 | 100DLFU630 | 30 | 40 | 33 ¹ / ₄ | 19 ⁹ / ₁₆ | 23 ⁵ / ₈ | 9 ⁵ / ₈ | 19 ¹ / ₈ | 19 ⁷ / ₁₆ | ⁵ / ₁₆ | 55 ³ / ₄ | 14 ³ / ₁₆ | 19 ⁹ / ₁₆ | 1001 |
| | | 100DLFU637 | 37 | 50 | 33 ¹ / ₄ | 19 ⁹ / ₁₆ | 23 ⁵ / ₈ | 9 ⁵ / ₈ | 19 ¹ / ₈ | 19 ⁷ / ₁₆ | ⁵ / ₁₆ | 59 ⁵ / ₁₆ | 14 ³ / ₁₆ | 20 ⁵ / ₁₆ | 1171 |
| | | 100DLFU645 | 45 | 60 | 33 ¹ / ₄ | 19 ⁹ / ₁₆ | 23 ⁵ / ₈ | 9 ⁵ / ₈ | 19 ¹ / ₈ | 19 ⁷ / ₁₆ | ⁵ / ₁₆ | 59 ⁵ / ₁₆ | 14 ³ / ₁₆ | 20 ⁵ / ₁₆ | 1219 |

Dimensions: mm

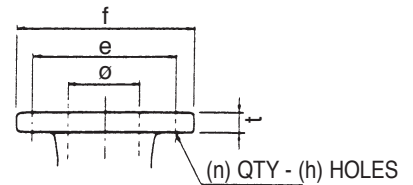
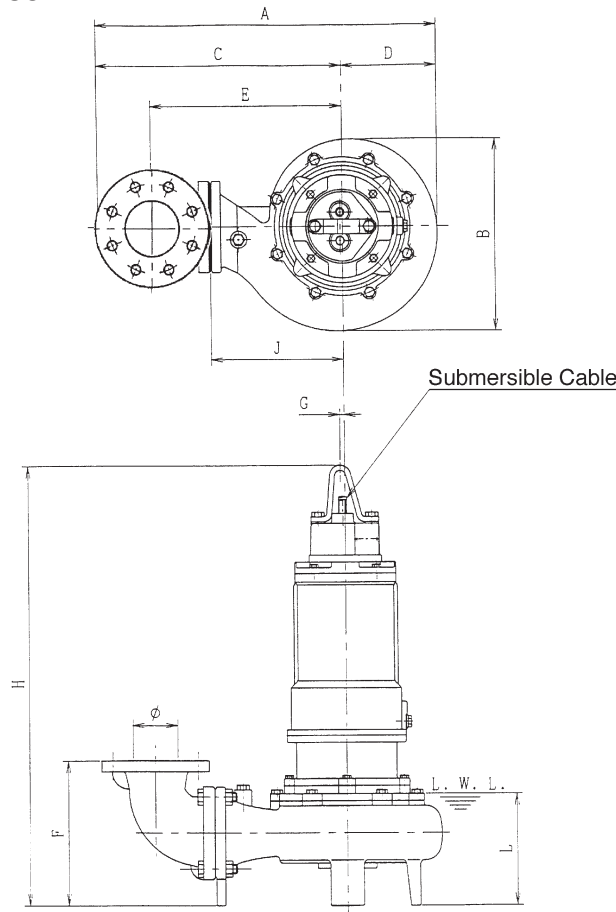
| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|---------|-------------|--------|-------------------------------|--------------|-----|-----|-----|-----|-----|----|------|-----|-----|-----------|
| | | | kW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 80/100 | 100DLFU61.5 | 1.5 | 2 | 553 | 267 | 420 | 134 | 305 | 275 | 8 | 760 | 200 | 220 | 77 |
| | | 100DLFU62.2 | 2.2 | 3 | 581 | 282 | 440 | 141 | 325 | 275 | 8 | 782 | 220 | 220 | 90 |
| | | 100DLFU63.7 | 3.7 | 5 | 581 | 282 | 440 | 141 | 325 | 275 | 8 | 822 | 220 | 220 | 98 |
| | 100/150 | 100DLFU65.5 | 5.5 | 7 ¹ / ₂ | 725 | 398 | 525 | 200 | 410 | 381 | 10 | 951 | 280 | 290 | 160 |
| | | 100DLFU67.5 | 7.5 | 10 | 725 | 398 | 525 | 200 | 410 | 381 | 10 | 951 | 280 | 290 | 179 |
| | | 100DLFU611 | 11 | 15 | 725 | 398 | 525 | 200 | 410 | 381 | 8 | 1044 | 280 | 290 | 216 |
| | | 100DLFU615 | 15 | 20 | 755 | 417 | 545 | 210 | 430 | 377 | 8 | 1099 | 300 | 300 | 273 |
| | | 100DLFU618 | 18.5 | 25 | 784 | 438 | 565 | 220 | 450 | 377 | 8 | 1139 | 320 | 300 | 307 |
| | | 100DLFU622 | 22 | 30 | 784 | 438 | 565 | 220 | 450 | 377 | 8 | 1139 | 320 | 300 | 334 |
| | 100 | 100DLFU630 | 30 | 40 | 845 | 497 | 600 | 245 | 485 | 493 | 8 | 1416 | 360 | 490 | 454 |
| | | 100DLFU637 | 37 | 50 | 845 | 497 | 600 | 245 | 485 | 493 | 8 | 1506 | 360 | 516 | 531 |
| | | 100DLFU645 | 45 | 60 | 845 | 497 | 600 | 245 | 485 | 493 | 8 | 1506 | 360 | 516 | 553 |

***Note:** All dimensions are based on 4" discharge.

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLMFU
100DLMFU, 3 to 30HP**



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|-------|-------|-------|---|-----|
| Ø | e | f | t | n | h |
| 3 | 6 | 7 1/2 | 3/4 | 4 | 3/4 |
| 4 | 7 1/2 | 9 | 15/16 | 8 | 3/4 |

| mm | | | | | |
|-----|-----|-----|----|---|----|
| Ø | e | f | t | n | h |
| 80 | 152 | 191 | 19 | 4 | 19 |
| 100 | 191 | 229 | 24 | 8 | 19 |

Dimensions: inch

| PHASE | SIZE Ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|-----------|--------------|--------|-------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|------|---------------------|--------------------|---------------------|--------------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 3/4 | 100DLMFU62.2 | 2.2 | 3 | 24 ^{9/16} | 13 ^{9/16} | 17 ^{15/16} | 6 ^{5/8} | 13 ^{3/8} | 9 ^{13/16} | 5/16 | 30 ^{1/4} | 9 ^{1/4} | 8 ^{1/16} | 209 |
| | | 100DLMFU63.7 | 3.7 | 5 | 24 ^{9/16} | 13 ^{9/16} | 17 ^{15/16} | 6 ^{5/8} | 13 ^{3/8} | 9 ^{13/16} | 5/16 | 31 ^{13/16} | 9 ^{1/4} | 8 ^{1/16} | 209 |
| | | 100DLMFU65.5 | 5.5 | 7 1/2 | 24 ^{9/16} | 13 ^{9/16} | 17 ^{15/16} | 6 ^{5/8} | 13 ^{3/8} | 9 ^{13/16} | 3/8 | 37 ^{1/8} | 9 ^{1/4} | 11 | 317 |
| | | 100DLMFU67.5 | 7.5 | 10 | 25 ^{13/16} | 14 ^{1/2} | 18 ^{1/2} | 7 ^{5/16} | 14 | 12 ^{11/16} | 3/8 | 36 ^{1/16} | 9 ^{13/16} | 10 ^{1/4} | 344 |
| | | 100DLMFU611 | 11 | 15 | 26 ^{7/8} | 15 ^{9/16} | 18 ^{1/2} | 7 ^{5/8} | 14 ^{3/4} | 12 ^{11/16} | 5/16 | 39 ^{9/16} | 10 ^{5/8} | 9 ^{13/16} | 470 |
| | | 100DLMFU615 | 15 | 20 | 26 ^{7/8} | 15 ^{9/16} | 18 ^{1/2} | 7 ^{5/8} | 14 ^{3/4} | 12 ^{11/16} | 5/16 | 42 ^{5/16} | 10 ^{5/8} | 10 ^{13/16} | 564 |
| | | 100DLMFU618 | 18.5 | 25 | 28 | 15 ^{13/16} | 20 ^{1/16} | 7 ^{15/16} | 15 ^{9/16} | 12 ^{11/16} | 5/16 | 43 ^{7/8} | 11 ^{7/16} | 10 ^{13/16} | 639 |
| | | 100DLMFU622 | 22 | 30 | 28 | 15 ^{13/16} | 20 ^{1/16} | 7 ^{15/16} | 15 ^{9/16} | 12 ^{11/16} | 5/16 | 43 ^{7/8} | 11 ^{7/16} | 10 ^{13/16} | 694 |

Dimensions: mm

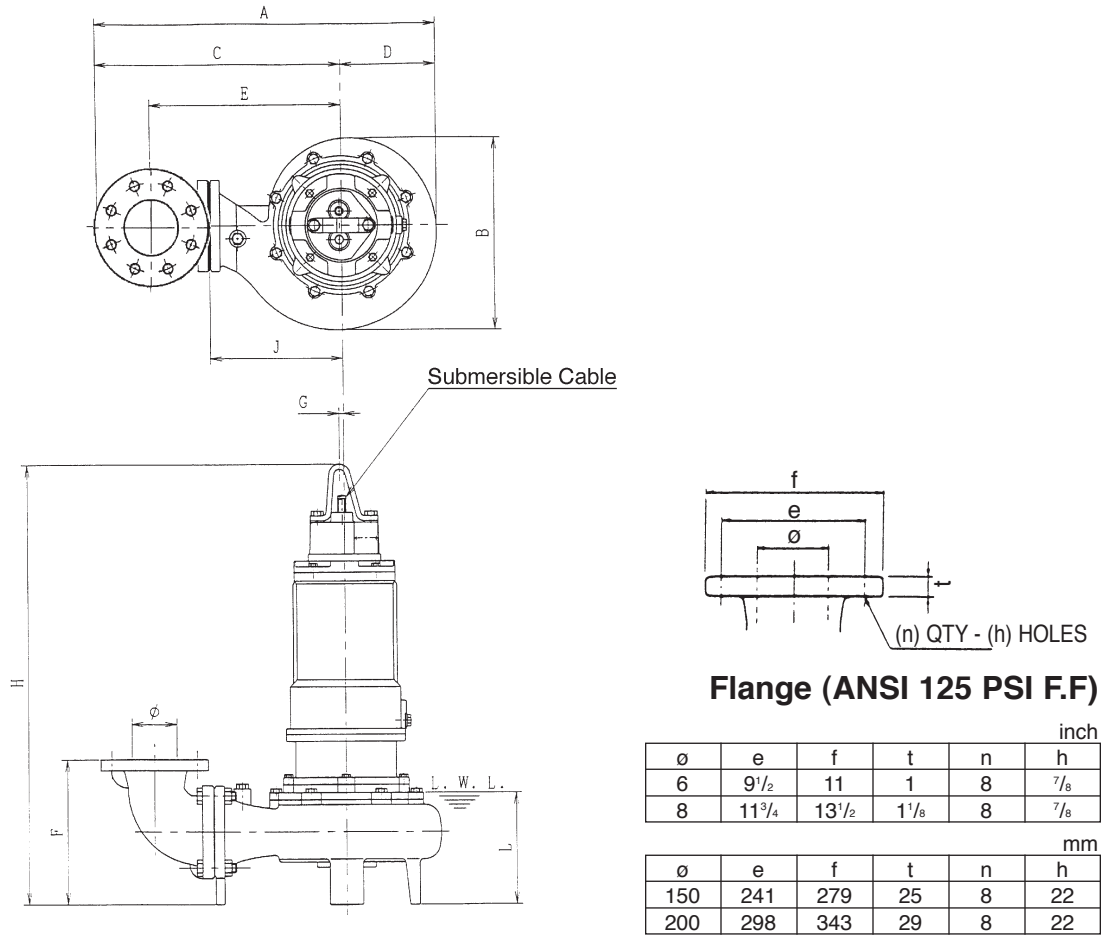
| PHASE | SIZE Ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|-----------|--------------|--------|-------|--------------|-----|-----|-----|-----|-----|----|------|-----|-----|--------------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 80/100 | 100DLMFU62.2 | 2.2 | 3 | 624 | 335 | 455 | 169 | 340 | 250 | 8 | 768 | 235 | 205 | 95 |
| | | 100DLMFU63.7 | 3.7 | 5 | 624 | 335 | 455 | 169 | 340 | 250 | 8 | 808 | 235 | 205 | 95 |
| | | 100DLMFU65.5 | 5.5 | 7 1/2 | 624 | 335 | 455 | 169 | 340 | 250 | 10 | 943 | 235 | 280 | 144 |
| | | 100DLMFU67.5 | 7.5 | 10 | 655 | 369 | 470 | 186 | 355 | 323 | 10 | 916 | 250 | 260 | 156 |
| | | 100DLMFU611 | 11 | 15 | 683 | 385 | 470 | 193 | 375 | 323 | 8 | 1005 | 270 | 250 | 213 |
| | | 100DLMFU615 | 15 | 20 | 683 | 385 | 470 | 193 | 375 | 323 | 8 | 1075 | 270 | 275 | 256 |
| | | 100DLMFU618 | 18.5 | 25 | 711 | 402 | 510 | 202 | 395 | 323 | 8 | 1115 | 290 | 275 | 290 |
| | | 100DLMFU622 | 22 | 30 | 711 | 402 | 510 | 202 | 395 | 323 | 8 | 1115 | 290 | 275 | 315 |

***Note:** All dimensions are based on 4" discharge.

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU
150DLFU, 10 to 60HP**



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|-----------|-------------|--------|----|--------------------------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|---------------------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 6/8 | 150DLFU67.5 | 7.5 | 10 | 31 ³ / ₄ | 16 ¹⁵ / ₁₆ | 23 ¹ / ₄ | 8 ⁹ / ₁₆ | 17 ¹¹ / ₁₆ | 16 ⁵ / ₁₆ | ³ / ₈ | 38 ¹ / ₂ | 11 ¹³ / ₁₆ | 12 ³ / ₈ | 428 |
| | | 150DLFU611 | 11 | 15 | 31 ³ / ₄ | 16 ¹⁵ / ₁₆ | 23 ¹ / ₄ | 8 ⁹ / ₁₆ | 17 ¹¹ / ₁₆ | 16 ⁵ / ₁₆ | ⁵ / ₁₆ | 42 ² / ₁₆ | 11 ¹³ / ₁₆ | 12 ³ / ₈ | 549 |
| | | 150DLFU615 | 15 | 20 | 33 | 17 ¹³ / ₁₆ | 24 | 9 | 18 ¹ / ₂ | 16 ¹ / ₈ | ⁵ / ₁₆ | 44 ¹ / ₄ | 12 ⁵ / ₈ | 12 ⁵ / ₈ | 635 |
| | | 150DLFU618 | 18.5 | 25 | 33 | 17 ¹³ / ₁₆ | 24 | 9 | 18 ¹ / ₂ | 16 ¹ / ₈ | ⁵ / ₁₆ | 45 ¹³ / ₁₆ | 12 ⁵ / ₈ | 12 ⁵ / ₈ | 712 |
| | | 150DLFU622 | 22 | 30 | 34 ¹ / ₄ | 18 ⁷ / ₈ | 24 ¹³ / ₁₆ | 9 ¹ / ₂ | 19 ⁹ / ₁₆ | 16 ⁵ / ₁₆ | ⁵ / ₁₆ | 45 ³ / ₄ | 13 ³ / ₈ | 12 ⁵ / ₈ | 787 |
| | | 150DLFU630 | 30 | 40 | 32 ¹ / ₂ | 18 ⁹ / ₁₆ | 23 ¹ / ₄ | 9 ⁵ / ₁₆ | 17 ³ / ₄ | 23 ⁷ / ₈ | ⁵ / ₁₆ | 52 ⁹ / ₁₆ | 13 ³ / ₄ | 16 ¹ / ₈ | 1294 |
| | | 150DLFU637 | 37 | 50 | 32 ¹ / ₂ | 18 ⁹ / ₁₆ | 23 ¹ / ₄ | 9 ⁵ / ₁₆ | 17 ³ / ₄ | 23 ⁷ / ₈ | ⁵ / ₁₆ | 55 ⁷ / ₈ | 13 ³ / ₄ | 16 ¹⁵ / ₁₆ | 1345 |
| | | 150DLFU645 | 45 | 60 | 32 ¹ / ₂ | 18 ⁹ / ₁₆ | 23 ¹ / ₄ | 9 ⁵ / ₁₆ | 17 ³ / ₄ | 23 ⁷ / ₈ | ⁵ / ₁₆ | 55 ⁷ / ₈ | 13 ³ / ₄ | 16 ¹⁵ / ₁₆ | 1404 |

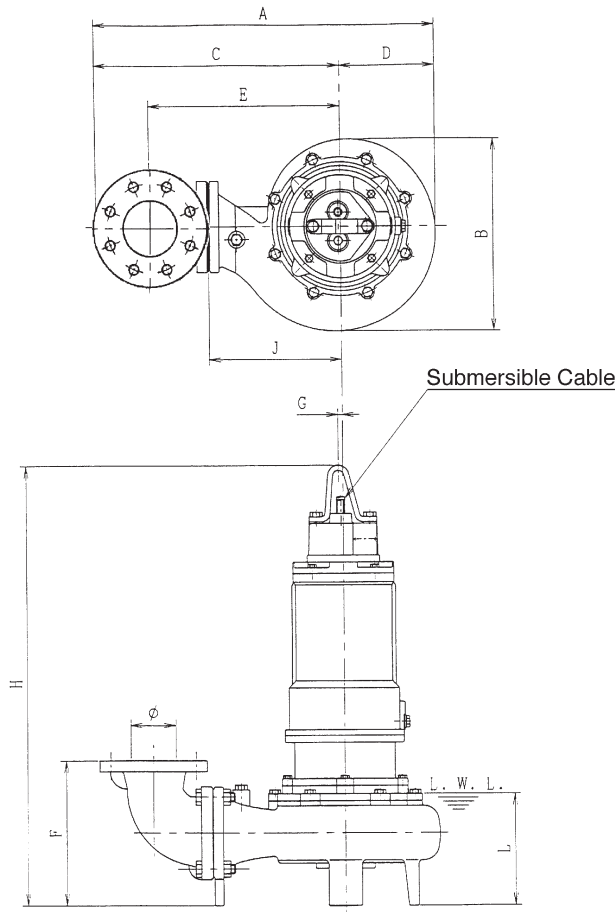
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|-----------|-------------|--------|----|--------------|-----|-----|-----|-----|-----|----|------|-----|-----|--------------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 150/200 | 150DLFU67.5 | 7.5 | 10 | 806 | 430 | 590 | 217 | 450 | 414 | 10 | 978 | 300 | 315 | 194 |
| | | 150DLFU611 | 11 | 15 | 806 | 430 | 590 | 217 | 450 | 414 | 8 | 1071 | 300 | 315 | 249 |
| | | 150DLFU615 | 15 | 20 | 838 | 453 | 610 | 228 | 470 | 410 | 8 | 1124 | 320 | 320 | 288 |
| | | 150DLFU618 | 18.5 | 25 | 838 | 453 | 610 | 228 | 470 | 410 | 8 | 1164 | 320 | 320 | 323 |
| | | 150DLFU622 | 22 | 30 | 870 | 479 | 630 | 241 | 490 | 411 | 8 | 1162 | 340 | 320 | 357 |
| | | 150DLFU630 | 30 | 40 | 826 | 471 | 590 | 236 | 451 | 607 | 8 | 1335 | 350 | 409 | 587 |
| | | 150DLFU637 | 37 | 50 | 826 | 471 | 590 | 236 | 451 | 607 | 8 | 1420 | 350 | 430 | 610 |
| | | 150DLFU645 | 45 | 60 | 826 | 471 | 590 | 236 | 451 | 607 | 8 | 1420 | 350 | 430 | 637 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU
200DLFU, 10 to 60HP**



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|--------------------------------|--------------------------------|-------------------------------|---|-----------------------------|
| ø | e | f | t | n | h |
| 6 | 9 ¹ / ₂ | 11 | 1 | 8 | ⁷ / ₈ |
| 8 | 11 ³ / ₄ | 13 ¹ / ₂ | 1 ¹ / ₈ | 8 | ⁷ / ₈ |

| mm | | | | | |
|-----|-----|-----|----|---|----|
| ø | e | f | t | n | h |
| 150 | 241 | 279 | 25 | 8 | 22 |
| 200 | 298 | 343 | 29 | 8 | 22 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|-----------|-------------|--------|----|---------------------------------|----------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 6/8 | 200DLFU67.5 | 7.5 | 10 | 33 | 16 ¹⁵ / ₁₆ | 24 ¹ / ₂ | 8 ⁹ / ₁₆ | 17 ¹¹ / ₁₆ | 16 ⁵ / ₁₆ | ³ / ₈ | 38 ¹ / ₂ | 11 ¹³ / ₁₆ | 12 ³ / ₈ | 428 |
| | | 200DLFU611 | 11 | 15 | 33 ⁷ / ₁₆ | 16 ¹⁵ / ₁₆ | 24 ¹ / ₂ | 9 | 17 ¹¹ / ₁₆ | 16 ⁵ / ₁₆ | ⁵ / ₁₆ | 42 ³ / ₁₆ | 11 ¹³ / ₁₆ | 12 ³ / ₈ | 549 |
| | | 200DLFU615 | 15 | 20 | 34 ¹ / ₄ | 17 ¹³ / ₁₆ | 25 ¹ / ₄ | 9 | 18 ¹ / ₂ | 16 ¹ / ₈ | ⁵ / ₁₆ | 44 ¹ / ₄ | 12 ⁵ / ₈ | 12 ⁵ / ₈ | 635 |
| | | 200DLFU618 | 18.5 | 25 | 34 ³ / ₄ | 17 ¹³ / ₁₆ | 25 ¹ / ₄ | 9 ¹ / ₂ | 18 ¹ / ₂ | 16 ¹ / ₈ | ⁵ / ₁₆ | 45 ¹³ / ₁₆ | 12 ⁵ / ₈ | 12 ⁵ / ₈ | 712 |
| | | 200DLFU622 | 22 | 30 | 34 ⁹ / ₁₆ | 18 ⁷ / ₈ | 26 ¹ / ₁₆ | 8 ⁹ / ₁₆ | 19 ⁹ / ₁₆ | 16 ³ / ₁₆ | ⁵ / ₁₆ | 45 ³ / ₄ | 13 ³ / ₈ | 12 ⁵ / ₈ | 787 |
| | | 200DLFU630 | 30 | 40 | 35 ⁹ / ₁₆ | 20 ⁹ / ₁₆ | 24 ⁷ / ₈ | 10 ⁵ / ₁₆ | 18 ¹ / ₈ | 26 ⁹ / ₁₆ | ⁵ / ₁₆ | 54 ¹ / ₈ | 14 ³ / ₁₆ | 17 ¹¹ / ₁₆ | 1347 |
| | | 200DLFU637 | 37 | 50 | 35 ³ / ₁₆ | 20 ⁹ / ₁₆ | 24 ⁷ / ₈ | 10 ⁵ / ₁₆ | 18 ¹ / ₈ | 26 ³ / ₁₆ | ⁵ / ₁₆ | 57 ¹ / ₂ | 14 ³ / ₁₆ | 18 ¹ / ₂ | 1398 |
| | | 200DLFU645 | 45 | 60 | 35 ³ / ₁₆ | 20 ⁹ / ₁₆ | 24 ⁷ / ₈ | 10 ⁵ / ₁₆ | 18 ¹ / ₈ | 26 ³ / ₁₆ | ⁵ / ₁₆ | 57 ¹ / ₂ | 14 ³ / ₁₆ | 18 ¹ / ₂ | 1457 |

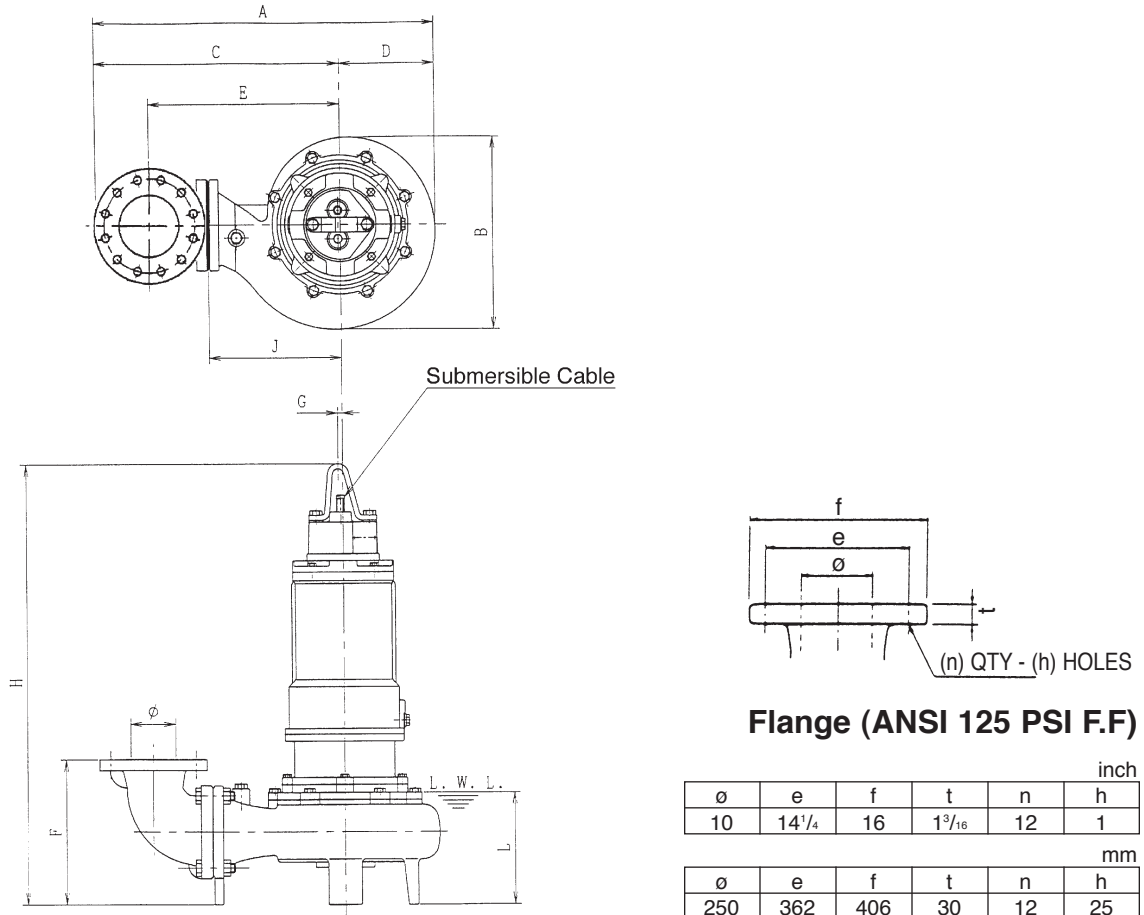
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|-----------|-------------|--------|----|--------------|-----|-----|-----|-----|-----|----|------|-----|-----|--------------|
| | | | KW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 150/200 | 200DLFU67.5 | 7.5 | 10 | 838 | 430 | 622 | 217 | 450 | 414 | 10 | 978 | 300 | 315 | 194 |
| | | 200DLFU611 | 11 | 15 | 850 | 430 | 622 | 228 | 450 | 414 | 8 | 1071 | 300 | 315 | 249 |
| | | 200DLFU615 | 15 | 20 | 870 | 453 | 642 | 228 | 470 | 410 | 8 | 1124 | 320 | 320 | 288 |
| | | 200DLFU618 | 18.5 | 25 | 882 | 453 | 642 | 241 | 470 | 410 | 8 | 1164 | 320 | 320 | 323 |
| | | 200DLFU622 | 22 | 30 | 878 | 479 | 662 | 217 | 490 | 411 | 8 | 1162 | 340 | 320 | 357 |
| | | 200DLFU630 | 30 | 40 | 895 | 522 | 632 | 262 | 461 | 665 | 8 | 1375 | 360 | 449 | 611 |
| | | 200DLFU637 | 37 | 50 | 895 | 522 | 632 | 262 | 461 | 665 | 8 | 1460 | 360 | 470 | 634 |
| | | 200DLFU645 | 45 | 60 | 895 | 522 | 632 | 262 | 461 | 665 | 8 | 1460 | 360 | 470 | 661 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU
250DLFU, 15 to 60HP**



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|-----------|-------------|--------|----|---------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|---------------------------------|---------------------------------|--------------|
| | | | kW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 10 | 250DLFU611 | 11 | 15 | 38 ¹ / ₄ | 20 ⁵ / ₈ | 27 ¹¹ / ₁₆ | 10 ⁹ / ₁₆ | 19 ¹¹ / ₁₆ | 24 ¹ / ₂ | 5 ⁵ / ₁₆ | 45 ¹ / ₄ | 14 ⁹ / ₁₆ | 15 ³ / ₈ | 736 |
| | | 250DLBFU615 | 15 | 20 | 38 ¹ / ₄ | 20 ⁵ / ₈ | 27 ¹¹ / ₁₆ | 10 ⁹ / ₁₆ | 19 ¹¹ / ₁₆ | 24 ¹ / ₂ | 5 ⁵ / ₁₆ | 47 ¹¹ / ₁₆ | 14 ⁹ / ₁₆ | 16 ¹ / ₈ | 833 |
| | | 250DLCFU615 | 15 | 20 | 39 ³ / ₁₆ | 21 ⁵ / ₁₆ | 28 ⁷ / ₁₆ | 10 ³ / ₄ | 20 ¹ / ₂ | 24 ¹⁵ / ₁₆ | 5 ⁵ / ₁₆ | 47 ⁷ / ₈ | 15 ³ / ₈ | 16 ⁶ / ₁₆ | 877 |
| | | 250DLFU618 | 18.5 | 25 | 39 ³ / ₁₆ | 21 ⁵ / ₁₆ | 28 ⁷ / ₁₆ | 10 ³ / ₄ | 20 ¹ / ₂ | 24 ¹⁵ / ₁₆ | 5 ⁵ / ₁₆ | 49 ⁷ / ₁₆ | 15 ³ / ₈ | 16 ⁶ / ₁₆ | 959 |
| | | 250DLFU622 | 22 | 30 | 39 ³ / ₁₆ | 21 ⁵ / ₁₆ | 28 ⁷ / ₁₆ | 10 ³ / ₄ | 20 ¹ / ₂ | 24 ¹⁵ / ₁₆ | 5 ⁵ / ₁₆ | 49 ⁷ / ₁₆ | 15 ³ / ₈ | 16 ⁶ / ₁₆ | 1030 |
| | | 250DLFU630 | 30 | 40 | 42 ³ / ₈ | 23 ¹¹ / ₁₆ | 30 ¹ / ₂ | 11 ¹⁵ / ₁₆ | 22 ¹ / ₂ | 29 ¹³ / ₁₆ | 5 ⁵ / ₁₆ | 57 ⁷ / ₁₆ | 17 ⁹ / ₁₆ | 20 ⁹ / ₁₆ | 1570 |
| | | 250DLFU637 | 37 | 50 | 42 ³ / ₈ | 23 ¹¹ / ₁₆ | 30 ¹ / ₂ | 11 ¹⁵ / ₁₆ | 22 ¹ / ₂ | 29 ¹³ / ₁₆ | 5 ⁵ / ₁₆ | 60 ³ / ₈ | 17 ⁹ / ₁₆ | 21 ⁷ / ₁₆ | 1631 |
| | | 250DLFU645 | 45 | 60 | 42 ³ / ₈ | 23 ¹¹ / ₁₆ | 30 ¹ / ₂ | 11 ¹⁵ / ₁₆ | 22 ¹ / ₂ | 29 ¹³ / ₁₆ | 5 ⁵ / ₁₆ | 60 ³ / ₈ | 17 ⁹ / ₁₆ | 21 ⁷ / ₁₆ | 1713 |

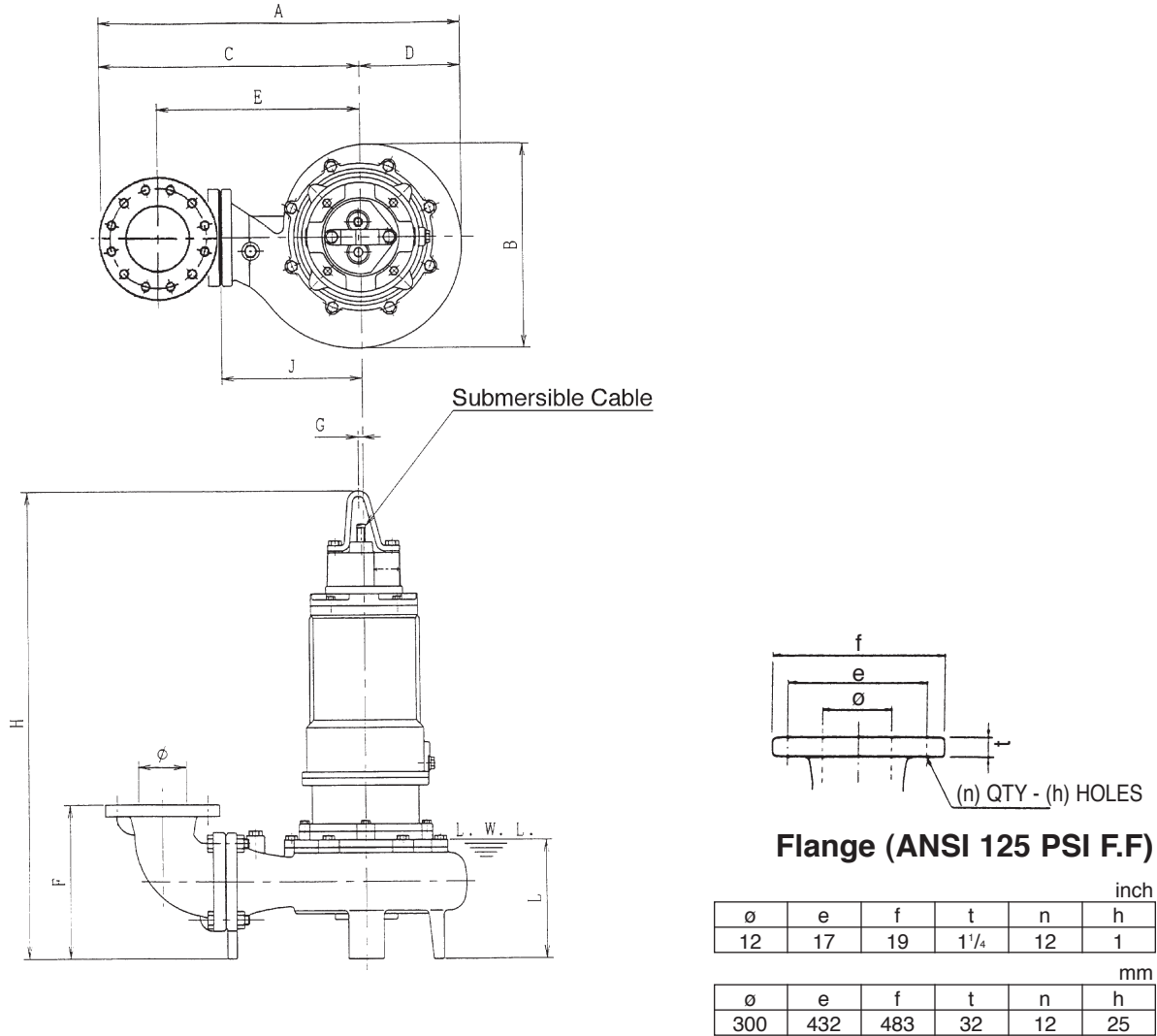
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|-----------|-------------|--------|----|--------------|-----|-----|-----|-----|-----|---|------|-----|-----|--------------|
| | | | kW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 250 | 250DLFU611 | 11 | 10 | 972 | 524 | 703 | 269 | 500 | 622 | 8 | 1149 | 370 | 390 | 334 |
| | | 250DLBFU615 | 15 | 20 | 972 | 524 | 703 | 269 | 500 | 622 | 8 | 1211 | 370 | 410 | 378 |
| | | 250DLCFU615 | 15 | 20 | 996 | 541 | 723 | 273 | 520 | 634 | 8 | 1216 | 390 | 415 | 398 |
| | | 250DLFU618 | 18.5 | 25 | 996 | 541 | 723 | 273 | 520 | 634 | 8 | 1256 | 390 | 415 | 435 |
| | | 250DLFU622 | 22 | 30 | 996 | 541 | 723 | 273 | 520 | 634 | 8 | 1256 | 390 | 415 | 467 |
| | | 250DLFU630 | 30 | 40 | 1077 | 602 | 774 | 304 | 571 | 757 | 8 | 1449 | 440 | 523 | 712 |
| | | 250DLFU637 | 37 | 50 | 1077 | 602 | 774 | 304 | 571 | 757 | 8 | 1534 | 440 | 544 | 740 |
| | | 250DLFU645 | 45 | 60 | 1077 | 602 | 774 | 304 | 571 | 757 | 8 | 1534 | 440 | 544 | 777 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU
300DLFU, 25 to 60HP**



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT Lb |
|-------|-----------|------------|--------|----|--------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|---------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------|
| | | | kW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 12 | 300DLFU618 | 18.5 | 25 | 44 | 23 ¹ / ₈ | 32 ³ / ₁₆ | 11 ⁷ / ₈ | 22 ⁵ / ₈ | 26 ⁷ / ₁₆ | 5 ⁵ / ₁₆ | 51 ¹ / ₈ | 16 ⁹ / ₁₆ | 17 ¹⁵ / ₁₆ | 1047 |
| | | 300DLFU622 | 22 | 30 | 44 | 23 ¹ / ₈ | 32 ³ / ₁₆ | 11 ⁷ / ₈ | 22 ⁵ / ₈ | 26 ⁷ / ₁₆ | 5 ⁵ / ₁₆ | 51 ¹ / ₈ | 16 ⁹ / ₁₆ | 17 ¹⁵ / ₁₆ | 1107 |
| | | 300DLFU630 | 30 | 40 | 49 ¹ / ₈ | 27 ⁵ / ₁₆ | 35 ⁵ / ₁₆ | 13 ¹³ / ₁₆ | 25 ¹³ / ₁₆ | 34 ¹ / ₈ | 5 ⁵ / ₁₆ | 60 ¹³ / ₁₆ | 19 ¹¹ / ₁₆ | 24 ⁵ / ₁₆ | 1733 |
| | | 300DLFU637 | 37 | 50 | 49 ¹ / ₈ | 27 ⁵ / ₁₆ | 35 ⁵ / ₁₆ | 13 ¹³ / ₁₆ | 25 ¹³ / ₁₆ | 34 ¹ / ₈ | 5 ⁵ / ₁₆ | 64 ¹ / ₈ | 19 ¹¹ / ₁₆ | 25 ³ / ₁₆ | 1795 |
| | | 300DLFU645 | 45 | 60 | 49 ¹ / ₈ | 27 ⁵ / ₁₆ | 35 ⁵ / ₁₆ | 13 ¹³ / ₁₆ | 25 ¹³ / ₁₆ | 34 ¹ / ₈ | 5 ⁵ / ₁₆ | 64 ¹ / ₈ | 19 ¹¹ / ₁₆ | 25 ³ / ₁₆ | 1876 |

Dimensions: mm

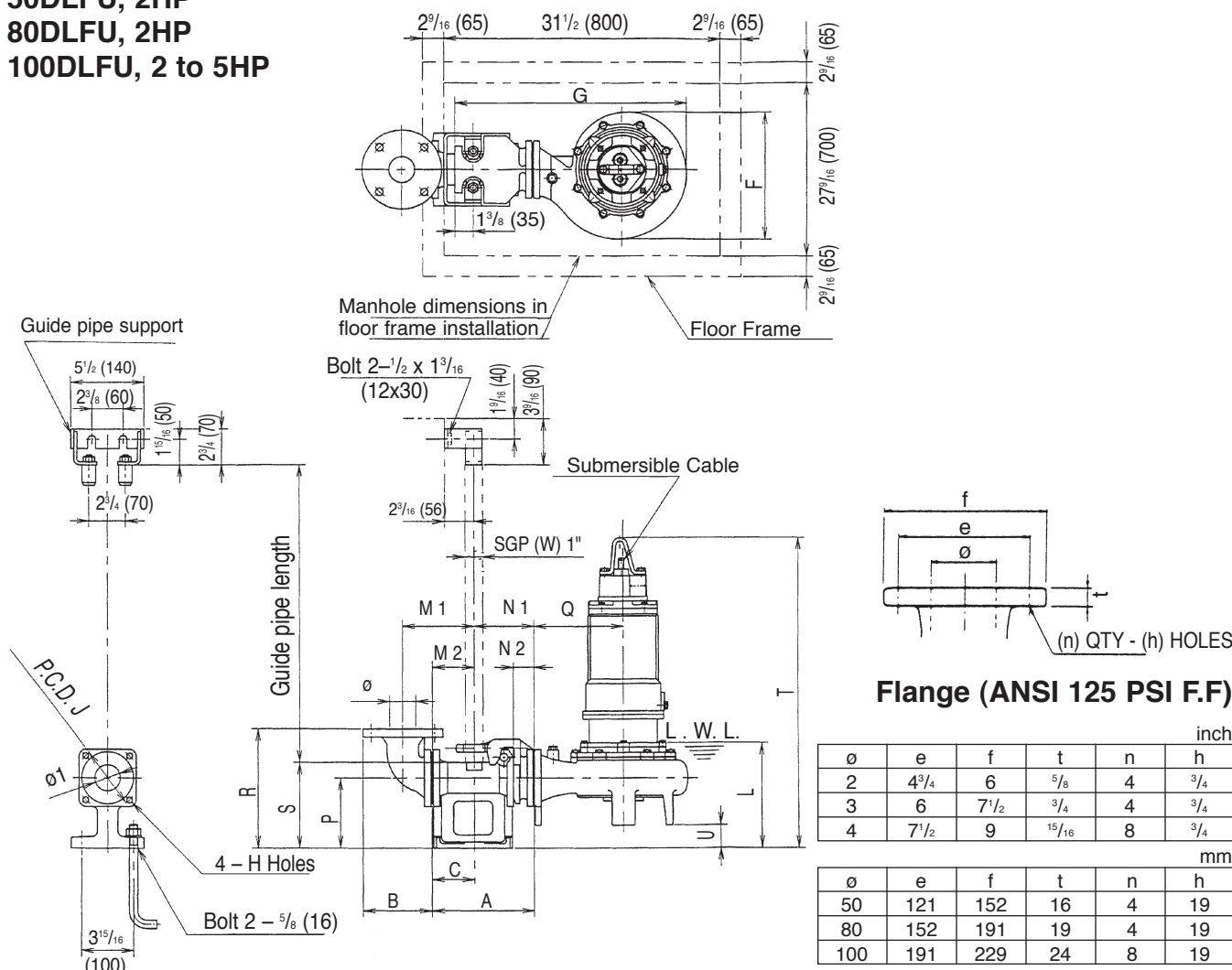
| PHASE | SIZE ø | MODEL | OUTPUT | | PUMP & MOTOR | | | | | | | | | | WEIGHT kg |
|-------|-----------|------------|--------|----|--------------|-----|-----|-----|-----|-----|---|------|-----|-----|--------------|
| | | | kW | HP | A | B | C | D | E | F | G | H | J | L | |
| THREE | 300 | 300DLFU618 | 18.5 | 25 | 1118 | 587 | 817 | 302 | 575 | 671 | 8 | 1298 | 420 | 455 | 475 |
| | | 300DLFU622 | 22 | 30 | 1118 | 587 | 817 | 302 | 575 | 671 | 8 | 1298 | 420 | 455 | 502 |
| | | 300DLFU630 | 30 | 40 | 1248 | 693 | 897 | 351 | 656 | 867 | 8 | 1544 | 500 | 618 | 786 |
| | | 300DLFU637 | 37 | 50 | 1248 | 693 | 897 | 351 | 656 | 867 | 8 | 1629 | 500 | 639 | 814 |
| | | 300DLFU645 | 45 | 60 | 1248 | 693 | 897 | 351 | 656 | 867 | 8 | 1629 | 500 | 639 | 851 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector

50DLFU, 2HP
80DLFU, 2HP
100DLFU, 2 to 5HP



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT kW/HP | QDC MODEL | QDC | | | | | | | | | | | | | PUMP & MOTOR | | | | | | WEIGHT Lb | | |
|-------|--------|-------------|--------------|-----------|------|--------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|--------------------------------|-------------------------------|--------------------------------|---------------------------------|-------------------------------|---------------------------------|---------------------------------|---------------------------------|-----|----|
| | | | | | A | B | C | H | J | M ₁ | M ₂ | N ₁ | N ₂ | P | R | S | ø1 | F | G | L | Q | T | U | PUMP | QDC | |
| THREE | 2/3 | 50DLFU61.5 | 1.5 | 2 | LM65 | 8 ⁷ / ₁₆ | 6 | 3 ³ / ₄ | 1/2 | 5 ¹ / ₂ | 6 ² / ₁₆ | 3 ³ / ₄ | 4 ³ / ₄ | 1 ³ / ₄ | 5 ¹¹ / ₁₆ | 9 ¹³ / ₁₆ | 7 ¹ / ₂ | 2 ¹ / ₂ | 10 ¹ / ₈ | 18 ¹ / ₈ | 8 ¹ / ₄ | 7 ¹ / ₁₆ | 29 ⁵ / ₈ | 1 ¹⁵ / ₁₆ | 132 | 31 |
| | | 80DLFU61.5 | 1.5 | 2 | LM80 | 8 ⁷ / ₁₆ | 6 ² / ₈ | 3 ⁹ / ₁₆ | 9 ¹ / ₁₆ | 6 ¹ / ₈ | 6 ¹ / ₂ | 3 ⁹ / ₁₆ | 4 ¹³ / ₁₆ | 1 ¹⁵ / ₁₆ | 6 ⁷ / ₈ | 11 ¹ / ₄ | 9 ¹ / ₁₆ | 3 | 11 ¹ / ₂ | 20 ¹ / ₈ | 9 ⁵ / ₈ | 8 ¹ / ₄ | 31 ¹ / ₁₆ | 2 ⁹ / ₁₆ | 148 | 37 |
| | 3/4 | 100DLFU61.5 | 1.5 | 2 | LM80 | 8 ⁷ / ₁₆ | 8 ¹ / ₄ | 3 ⁹ / ₁₆ | 9 ¹ / ₁₆ | 6 ¹ / ₈ | 7 ¹¹ / ₁₆ | 3 ⁹ / ₁₆ | 4 ¹⁵ / ₁₆ | 1 ¹⁵ / ₁₆ | 6 ⁷ / ₈ | 11 ¹³ / ₁₆ | 9 ¹ / ₁₆ | 3 | 10 ¹ / ₂ | 19 ⁷ / ₁₆ | 9 ⁵ / ₈ | 7 ⁷ / ₈ | 30 ³ / ₈ | 1 | 170 | 37 |
| | | 100DLFU62.2 | 2.2 | 3 | LM80 | 8 ⁷ / ₁₆ | 8 ¹ / ₄ | 3 ⁹ / ₁₆ | 9 ¹ / ₁₆ | 6 ¹ / ₈ | 7 ¹¹ / ₁₆ | 3 ⁹ / ₁₆ | 4 ¹⁵ / ₁₆ | 1 ¹⁵ / ₁₆ | 6 ⁷ / ₈ | 11 ¹³ / ₁₆ | 9 ¹ / ₁₆ | 3 | 11 ¹ / ₈ | 20 ¹ / ₂ | 9 ⁵ / ₈ | 8 ¹¹ / ₁₆ | 31 ³ / ₄ | 1 | 198 | 37 |
| | | 100DLFU63.7 | 3.7 | 5 | LM80 | 8 ⁷ / ₁₆ | 8 ¹ / ₄ | 3 ⁹ / ₁₆ | 9 ¹ / ₁₆ | 6 ¹ / ₈ | 7 ¹¹ / ₁₆ | 3 ⁹ / ₁₆ | 4 ¹³ / ₁₆ | 1 ¹⁵ / ₁₆ | 6 ⁷ / ₈ | 11 ¹³ / ₁₆ | 9 ¹ / ₁₆ | 3 | 11 ¹ / ₈ | 20 ¹ / ₂ | 9 ⁵ / ₈ | 8 ¹¹ / ₁₆ | 33 ³ / ₈ | 1 | 216 | 37 |

Dimensions: mm

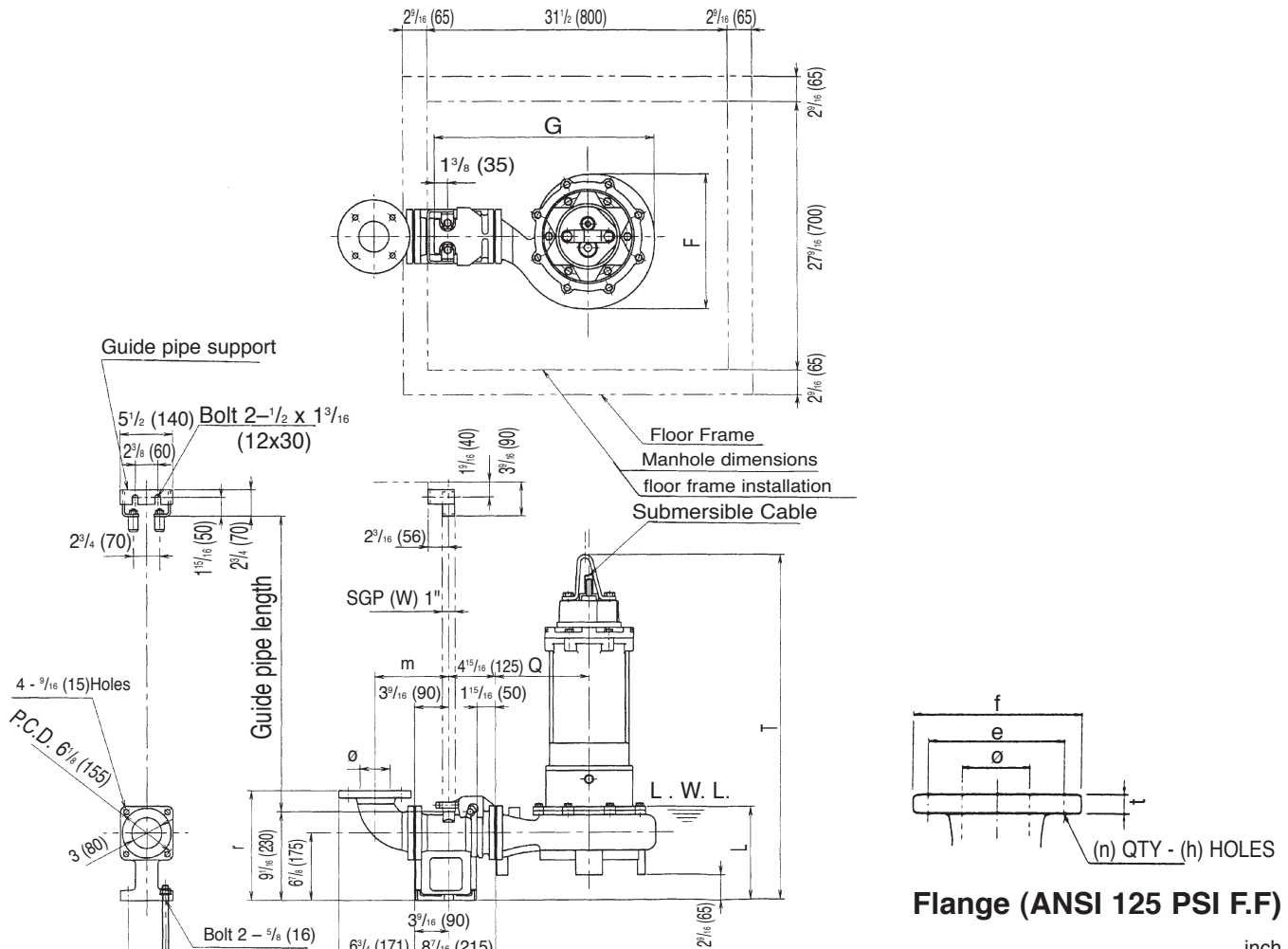
| PHASE | SIZE ø | MODEL | OUTPUT kW/HP | QDC MODEL | QDC | | | | | | | | | | | | | PUMP & MOTOR | | | | | | WEIGHT kg | | |
|-------|--------|-------------|--------------|-----------|------|-----|-----|----|----|----------------|----------------|----------------|----------------|----|-----|-----|-----|--------------|-----|-----|-----|-----|-----|-----------|-----|----|
| | | | | | A | B | C | H | J | M ₁ | M ₂ | N ₁ | N ₂ | P | R | S | ø1 | F | G | L | Q | T | U | PUMP | QDC | |
| THREE | 50/80 | 50DLFU61.5 | 1.5 | 2 | LM65 | 215 | 153 | 95 | 12 | 140 | 160 | 95 | 120 | 45 | 145 | 250 | 190 | 65 | 257 | 464 | 210 | 180 | 753 | 50 | 60 | 14 |
| | | 80DLFU61.5 | 1.5 | 2 | LM80 | 215 | 168 | 90 | 15 | 155 | 165 | 90 | 125 | 50 | 175 | 285 | 230 | 80 | 292 | 511 | 245 | 210 | 789 | 65 | 67 | 17 |
| | 80/100 | 100DLFU61.5 | 1.5 | 2 | LM80 | 215 | 210 | 90 | 15 | 155 | 195 | 90 | 125 | 50 | 175 | 300 | 230 | 80 | 267 | 494 | 245 | 200 | 785 | 25 | 67 | 17 |
| | | 100DLFU62.2 | 2.2 | 3 | LM80 | 215 | 210 | 90 | 15 | 155 | 195 | 90 | 125 | 50 | 175 | 300 | 230 | 80 | 282 | 521 | 245 | 220 | 807 | 25 | 90 | 17 |
| | | 100DLFU63.7 | 3.7 | 5 | LM80 | 215 | 210 | 90 | 15 | 155 | 195 | 90 | 125 | 50 | 175 | 300 | 230 | 80 | 282 | 521 | 245 | 220 | 847 | 25 | 98 | 17 |

*Note: All 80DLFU dimensions are based on 3" discharge.
All 100DLFU dimensions are based on 4" discharge.

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU with Quick Discharge Connector
80DLMFU, 2 to 7½HP**



| inch | | | | | | | |
|------|-------|-------|-------|---|-----|----------|---------|
| ø | e | f | t | n | h | r | m |
| 3 | 6 | 7 1/2 | 3/4 | 4 | 3/4 | 11 3/16 | 6 1/2 |
| 4 | 7 1/2 | 9 | 15/16 | 8 | 3/4 | 11 13/16 | 7 11/16 |

| mm | | | | | | | |
|-----|-----|-----|----|---|----|-----|-----|
| ø | e | f | t | n | h | r | m |
| 80 | 152 | 191 | 19 | 4 | 19 | 284 | 165 |
| 100 | 191 | 229 | 24 | 8 | 19 | 300 | 195 |

Dimensions: inch

| PHASE | SIZE ø | PUMP MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | WEIGHT Lb | |
|-------|--------|-------------|--------|-------|--------------|--------------|---------|---------|---------|----------|-----------|--------|
| | | | kw | HP | | F | G | L | Q | T | PUMP | Q.D.C. |
| THREE | 3/4 | 80DLMFU61.5 | 1.5 | 2 | LM80 | 11 1/2 | 20 5/16 | 9 13/16 | 8 1/4 | 31 1/16 | 157 | 37 |
| | | 80DLMFU62.2 | 2.2 | 3 | LM80 | 11 1/2 | 20 5/16 | 9 15/16 | 8 1/4 | 32 1/16 | 187 | 37 |
| | | 80DLMFU63.7 | 3.7 | 5 | LM80 | 12 1/8 | 21 | 9 15/16 | 8 11/16 | 33 5/8 | 205 | 37 |
| | | 80DLMFU65.5 | 5.5 | 7 1/2 | LM80 | 12 15/16 | 22 | 12 2/8 | 9 1/4 | 38 15/16 | 311 | 37 |

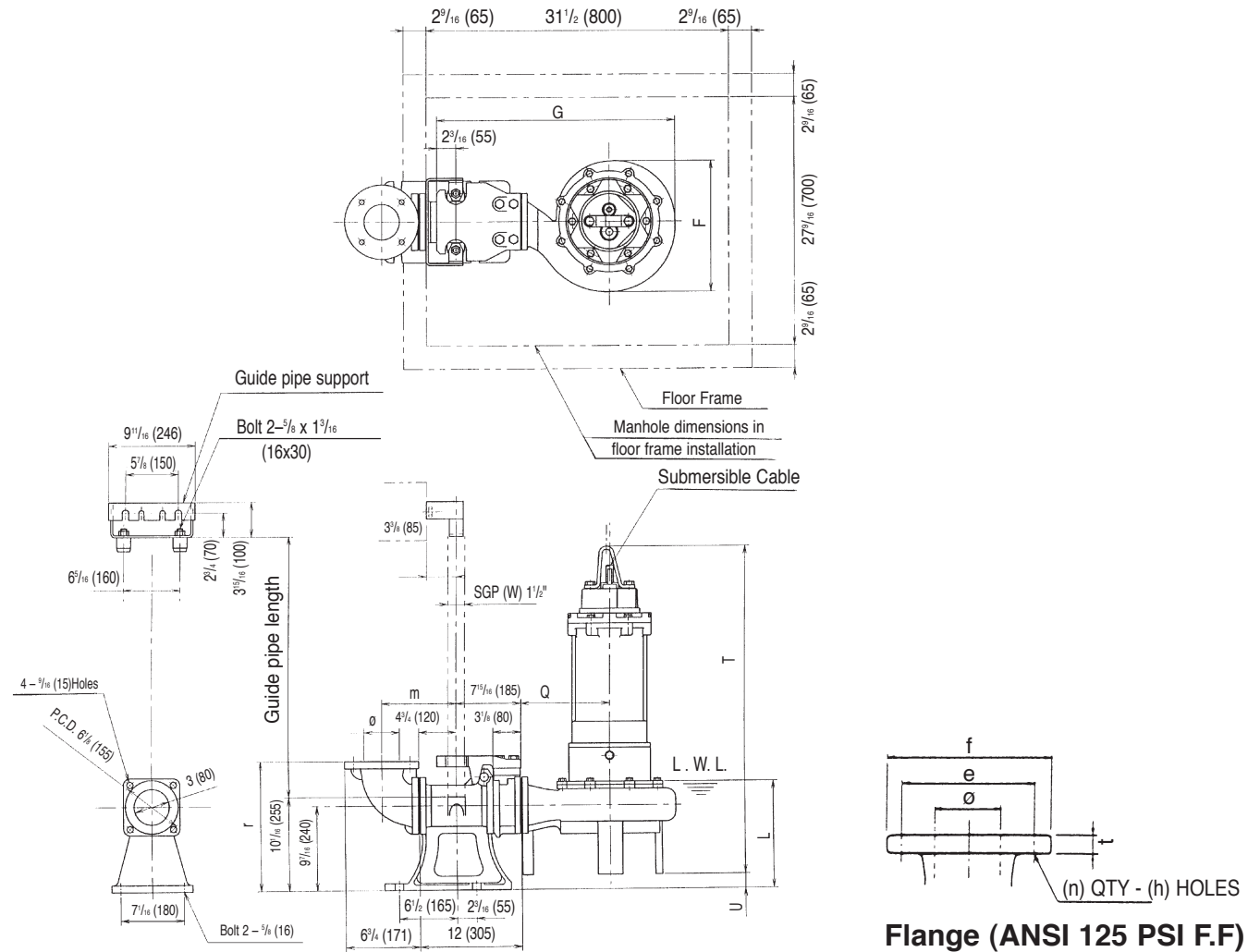
Dimensions: mm

| PHASE | SIZE ø | PUMP MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | WEIGHT kg | |
|-------|--------|-------------|--------|-------|--------------|--------------|-----|-----|-----|-----|-----------|--------|
| | | | kw | HP | | F | G | L | Q | T | PUMP | Q.D.C. |
| THREE | 80/100 | 80DLMFU61.5 | 1.5 | 2 | LM80 | 292 | 516 | 250 | 210 | 789 | 71 | 17 |
| | | 80DLMFU62.2 | 2.2 | 3 | LM80 | 292 | 516 | 253 | 210 | 815 | 85 | 17 |
| | | 80DLMFU63.7 | 3.7 | 5 | LM80 | 308 | 534 | 252 | 220 | 854 | 93 | 17 |
| | | 80DLMFU65.5 | 5.5 | 7 1/2 | LM80 | 328 | 559 | 327 | 235 | 989 | 141 | 17 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU with Quick Discharge Connector
80DLCMFU, 10 to 15HP**



Flange (ANSI 125 PSI F.F)

| inch | | | | | | | |
|------|-------|-------|-------|---|-----|--------|---------|
| ø | e | f | t | n | h | r | m |
| 3 | 6 | 7 1/2 | 3/4 | 4 | 3/4 | 13 3/4 | 7 11/16 |
| 4 | 7 1/2 | 9 | 15/16 | 8 | 3/4 | 14 3/8 | 8 7/8 |
| mm | | | | | | | |
| ø | e | f | t | n | h | r | m |
| 80 | 152 | 191 | 19 | 4 | 19 | 350 | 195 |
| 100 | 191 | 229 | 24 | 8 | 19 | 365 | 226 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------|--------------|--------|----|--------------|--------------|---------|--------|--------|---------|---------|-----------|--------|
| | | | KW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 3/4 | 80DLCMFU67.5 | 7.5 | 10 | LL80 | 14 15/16 | 27 3/16 | 11 1/8 | 10 1/4 | 37 5/16 | 1 11/16 | 375 | 97 |
| | | 80DLCMFU611 | 11 | 15 | LL80 | 15 11/16 | 28 3/8 | 11 1/4 | 11 | 41 1/16 | 1 3/4 | 500 | 97 |

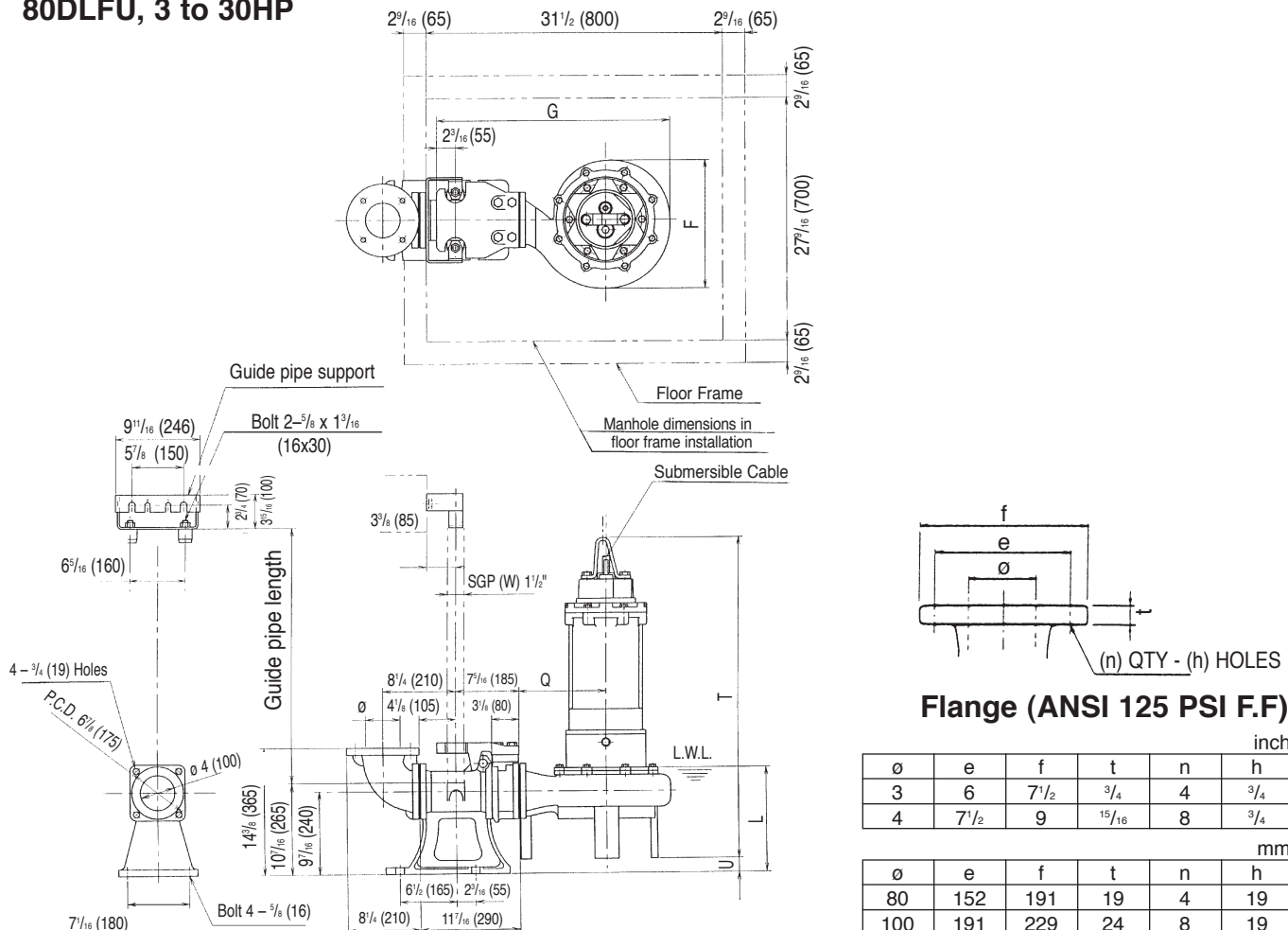
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------|--------------|--------|----|--------------|--------------|-----|-----|-----|------|----|-----------|--------|
| | | | KW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 80/100 | 80DLCMFU67.5 | 7.5 | 10 | LL80 | 379 | 690 | 283 | 260 | 948 | 43 | 170 | 44 |
| | | 80DLCMFU611 | 11 | 15 | LL80 | 399 | 720 | 285 | 280 | 1043 | 45 | 227 | 44 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector
80DLFU, 3 to 30HP



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|-------|-------|-------|---|-----|
| ø | e | f | t | n | h |
| 3 | 6 | 7 1/2 | 3/4 | 4 | 3/4 |
| 4 | 7 1/2 | 9 | 15/16 | 8 | 3/4 |

| mm | | | | | |
|-----|-----|-----|----|---|----|
| ø | e | f | t | n | h |
| 80 | 152 | 191 | 19 | 4 | 19 |
| 100 | 191 | 229 | 24 | 8 | 19 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-----------|--------|------------|--------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|-------------------------------|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 3/4 | 80DLFU62.2 | 2.2 | 3 | LL100 | 13 ³ / ₁₆ | 25 ³ / ₈ | 12 ⁵ / ₈ | 9 ¹ / ₄ | 34 ³ / ₄ | 4 ¹ / ₂ | 209 | 101 |
| | | 80DLFU63.7 | 3.7 | 5 | LL100 | 13 ³ / ₁₆ | 25 ³ / ₈ | 12 ⁵ / ₈ | 9 ¹ / ₄ | 36 ⁵ / ₁₆ | 4 ¹ / ₂ | 209 | 101 |
| | | 80DLFU65.5 | 5.5 | 7 ¹ / ₂ | LL100 | 13 ³ / ₁₆ | 25 ³ / ₈ | 15 ⁹ / ₁₆ | 9 ¹ / ₄ | 41 ⁵ / ₈ | 4 ¹ / ₂ | 317 | 101 |
| | | 80DLFU67.5 | 7.5 | 10 | LL100 | 14 ¹ / ₂ | 26 ⁹ / ₁₆ | 11 ¹³ / ₁₆ | 9 ¹³ / ₁₆ | 37 ¹¹ / ₁₆ | 1 ⁵ / ₈ | 344 | 101 |
| | | 80DLFU611 | 11 | 15 | LL100 | 15 ³ / ₁₆ | 27 ¹¹ / ₁₆ | 11 ⁵ / ₈ | 10 ⁵ / ₈ | 41 ⁵ / ₁₆ | 1 ⁵ / ₈ | 470 | 101 |
| | | 80DLFU615 | 15 | 20 | LL100 | 15 ³ / ₁₆ | 27 ¹¹ / ₁₆ | 12 ³ / ₈ | 10 ⁵ / ₈ | 44 ¹ / ₈ | 1 ⁵ / ₈ | 564 | 101 |
| | | 80DLFU618 | 18.5 | 25 | LL100 | 15 ¹³ / ₁₆ | 28 ³ / ₄ | 12 ³ / ₈ | 11 ⁷ / ₁₆ | 45 ¹¹ / ₁₆ | 1 ⁵ / ₈ | 639 | 101 |
| 80DLFU622 | 22 | 30 | LL100 | 15 ¹³ / ₁₆ | 28 ³ / ₄ | 12 ³ / ₈ | 11 ⁷ / ₁₆ | 45 ¹¹ / ₁₆ | 1 ⁵ / ₈ | 694 | 101 | | |

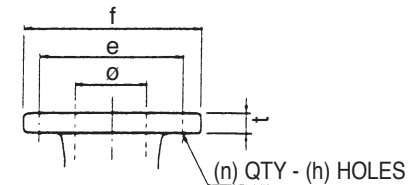
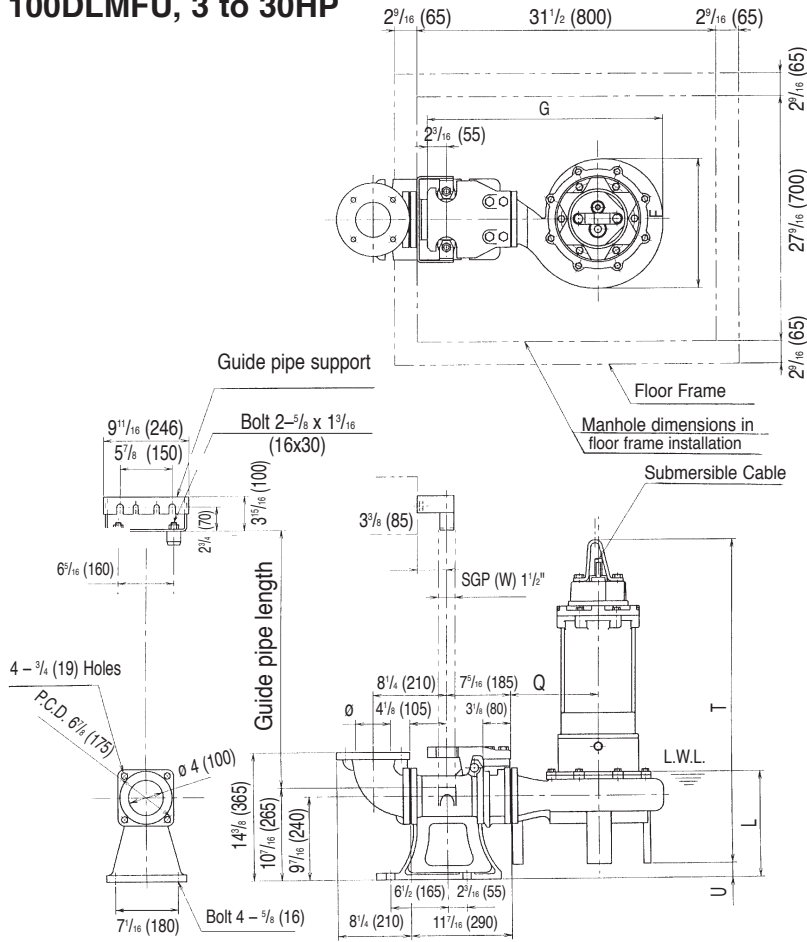
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-----------|--------|------------|--------|-------------------------------|--------------|--------------|-----|------|-----|------|-----|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 80/100 | 80DLFU62.2 | 2.2 | 3 | LL100 | 335 | 644 | 320 | 235 | 883 | 115 | 95 | 46 |
| | | 80DLFU63.7 | 3.7 | 5 | LL100 | 335 | 644 | 320 | 235 | 923 | 115 | 95 | 46 |
| | | 80DLFU65.5 | 5.5 | 7 ¹ / ₂ | LL100 | 335 | 644 | 395 | 235 | 1058 | 115 | 144 | 46 |
| | | 80DLFU67.5 | 7.5 | 10 | LL100 | 369 | 675 | 300 | 250 | 958 | 42 | 156 | 46 |
| | | 80DLFU611 | 11 | 15 | LL100 | 385 | 703 | 295 | 270 | 1050 | 42 | 213 | 46 |
| | | 80DLFU615 | 15 | 20 | LL100 | 385 | 703 | 315 | 270 | 1120 | 42 | 256 | 46 |
| | | 80DLFU618 | 18.5 | 25 | LL100 | 402 | 730 | 315 | 290 | 1160 | 42 | 290 | 46 |
| 80DLFU622 | 22 | 30 | LL100 | 402 | 730 | 315 | 290 | 1160 | 42 | 315 | 46 | | |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU with Quick Discharge Connector
100DLMFU, 3 to 30HP**



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|---------------|-----------------|-----------------|-----------------|---|---------------|
| \varnothing | e | f | t | n | h |
| 3 | 6 | 7 $\frac{1}{2}$ | $\frac{3}{4}$ | 4 | $\frac{3}{4}$ |
| 4 | 7 $\frac{1}{2}$ | 9 | $\frac{15}{16}$ | 8 | $\frac{3}{4}$ |
| 6 | 9 $\frac{1}{2}$ | 11 | 1 | 8 | $\frac{3}{4}$ |

| mm | | | | | |
|---------------|-----|-----|----|---|----|
| \varnothing | e | f | t | n | h |
| 80 | 152 | 191 | 19 | 4 | 19 |
| 100 | 191 | 229 | 24 | 8 | 19 |
| 150 | 240 | 280 | 24 | 8 | 19 |

Dimensions: inch

| PHASE | SIZE \varnothing | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------------------|--------------|--------|-----------------|--------------|--------------------|--------------------|--------------------|-------------------|--------------------|-----------------|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 3 4 6 | 100DLMFU62.2 | 2.2 | 3 | LL100 | 13 $\frac{3}{16}$ | 25 $\frac{5}{8}$ | 12 $\frac{5}{8}$ | 9 $\frac{1}{4}$ | 34 $\frac{3}{4}$ | 4 $\frac{1}{2}$ | 209 | 101 |
| | | 100DLMFU63.7 | 3.7 | 5 | LL100 | 13 $\frac{3}{16}$ | 25 $\frac{5}{8}$ | 12 $\frac{5}{8}$ | 9 $\frac{1}{4}$ | 36 $\frac{5}{16}$ | 4 $\frac{1}{2}$ | 209 | 101 |
| | | 100DLMFU65.5 | 5.5 | 7 $\frac{1}{2}$ | LL100 | 13 $\frac{3}{16}$ | 25 $\frac{5}{8}$ | 15 $\frac{9}{16}$ | 9 $\frac{1}{4}$ | 41 $\frac{5}{8}$ | 4 $\frac{1}{2}$ | 317 | 101 |
| | | 100DLMFU67.5 | 7.5 | 10 | LL100 | 14 $\frac{1}{2}$ | 26 $\frac{9}{16}$ | 11 $\frac{13}{16}$ | 9 $\frac{13}{16}$ | 37 $\frac{11}{16}$ | 1 $\frac{5}{8}$ | 344 | 101 |
| | | 100DLMFU611 | 11 | 15 | LL100 | 15 $\frac{3}{16}$ | 27 $\frac{11}{16}$ | 11 $\frac{5}{8}$ | 10 $\frac{5}{8}$ | 41 $\frac{5}{16}$ | 1 $\frac{5}{8}$ | 470 | 101 |
| | | 100DLMFU615 | 15 | 20 | LL100 | 15 $\frac{3}{16}$ | 27 $\frac{11}{16}$ | 12 $\frac{3}{8}$ | 10 $\frac{5}{8}$ | 44 $\frac{1}{8}$ | 1 $\frac{5}{8}$ | 564 | 101 |
| | | 100DLMFU618 | 18.5 | 25 | LL100 | 15 $\frac{13}{16}$ | 28 $\frac{3}{4}$ | 12 $\frac{3}{8}$ | 11 $\frac{7}{16}$ | 45 $\frac{11}{16}$ | 1 $\frac{5}{8}$ | 639 | 101 |
| | | 100DLMFU622 | 22 | 30 | LL100 | 15 $\frac{13}{16}$ | 28 $\frac{3}{4}$ | 12 $\frac{3}{8}$ | 11 $\frac{7}{16}$ | 45 $\frac{11}{16}$ | 1 $\frac{5}{8}$ | 694 | 101 |

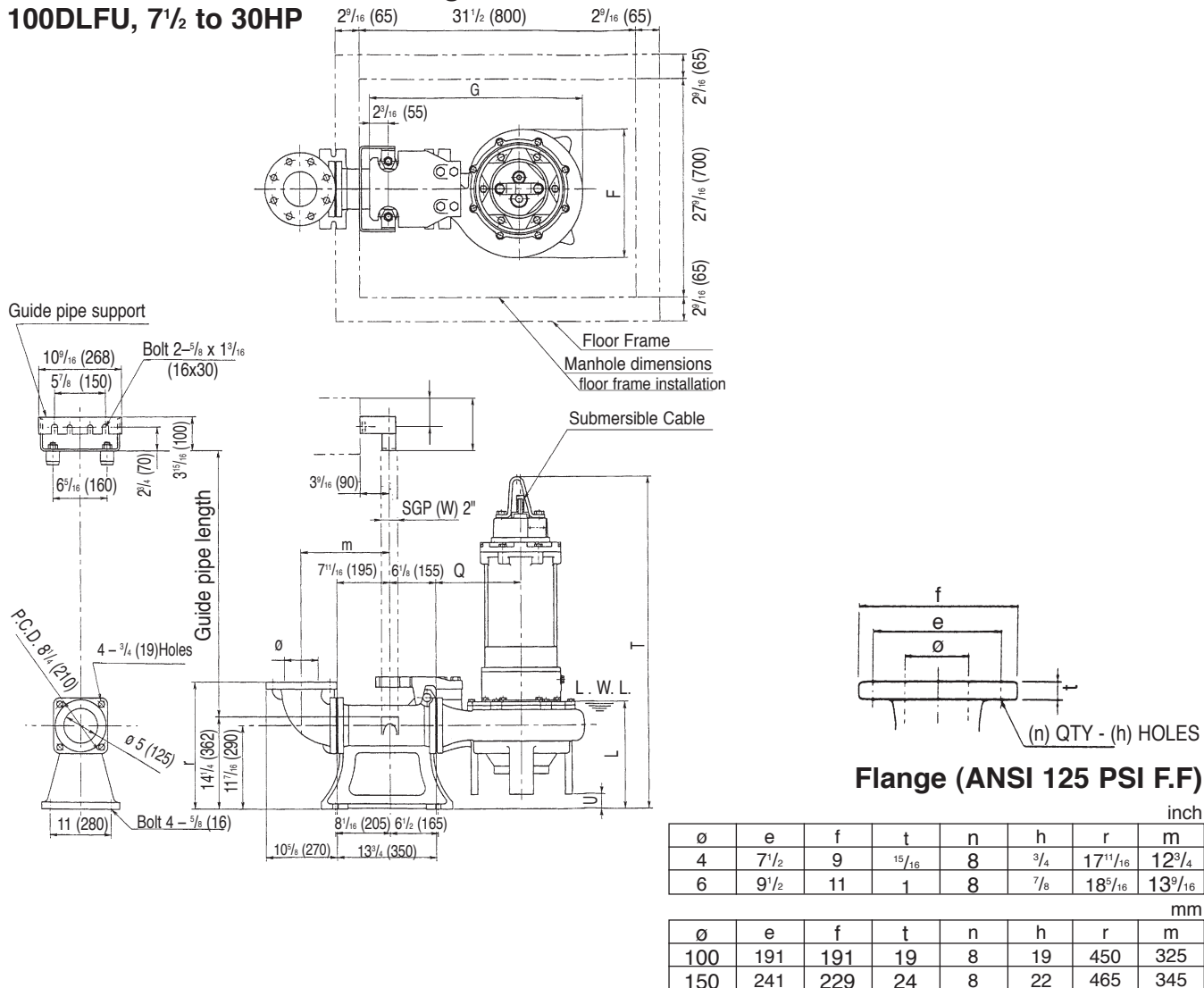
Dimensions: mm

| PHASE | SIZE \varnothing | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-------|--------------------|--------------|--------|-----------------|--------------|--------------|-----|-----|-----|------|-----|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 80 100 150 | 100DLMFU62.2 | 2.2 | 3 | LL100 | 335 | 644 | 320 | 235 | 883 | 115 | 95 | 46 |
| | | 100DLMFU63.7 | 3.7 | 5 | LL100 | 335 | 644 | 320 | 235 | 923 | 115 | 95 | 46 |
| | | 100DLMFU65.5 | 5.5 | 7 $\frac{1}{2}$ | LL100 | 335 | 644 | 395 | 235 | 1058 | 115 | 144 | 46 |
| | | 100DLMFU67.5 | 7.5 | 10 | LL100 | 369 | 675 | 300 | 250 | 958 | 42 | 156 | 46 |
| | | 100DLMFU611 | 11 | 15 | LL100 | 385 | 703 | 295 | 270 | 1050 | 42 | 213 | 46 |
| | | 100DLMFU615 | 15 | 20 | LL100 | 385 | 703 | 315 | 270 | 1120 | 42 | 256 | 46 |
| | | 100DLMFU618 | 18.5 | 25 | LL100 | 402 | 730 | 315 | 290 | 1160 | 42 | 290 | 46 |
| | | 100DLMFU622 | 22 | 30 | LL100 | 402 | 730 | 315 | 290 | 1160 | 42 | 315 | 46 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector
100DLFU, 7½ to 30HP



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------|-------------|--------|----|--------------|--------------|----------|---------|----------|----------|---------|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 4/6 | 100DLFU65.5 | 5.5 | 7½ | LL125 | 15 11/16 | 26 15/16 | 14 1/16 | 11 | 40 3/16 | 2 11/16 | 353 | 143 |
| | | 100DLFU67.5 | 7.5 | 10 | LL125 | 15 11/16 | 26 15/16 | 14 1/16 | 11 | 40 3/16 | 2 11/16 | 395 | 143 |
| | | 100DLFU611 | 11 | 15 | LL125 | 15 11/16 | 26 15/16 | 14 1/16 | 11 | 43 13/16 | 2 11/16 | 476 | 143 |
| | | 100DLFU615 | 15 | 20 | LL125 | 16 7/16 | 28 3/8 | 14 5/8 | 11 13/16 | 46 3/8 | 2 7/8 | 602 | 143 |
| | | 100DLFU618 | 18.5 | 25 | LL125 | 17 1/4 | 29 5/16 | 14 5/8 | 12 5/8 | 47 11/16 | 2 7/8 | 677 | 143 |
| | | 100DLFU622 | 22 | 30 | LL125 | 17 1/4 | 29 5/16 | 14 5/8 | 12 5/8 | 47 11/16 | 2 7/8 | 736 | 143 |

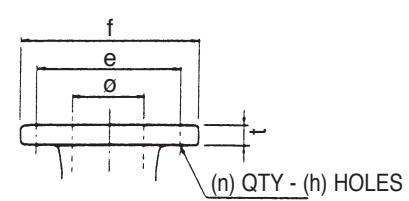
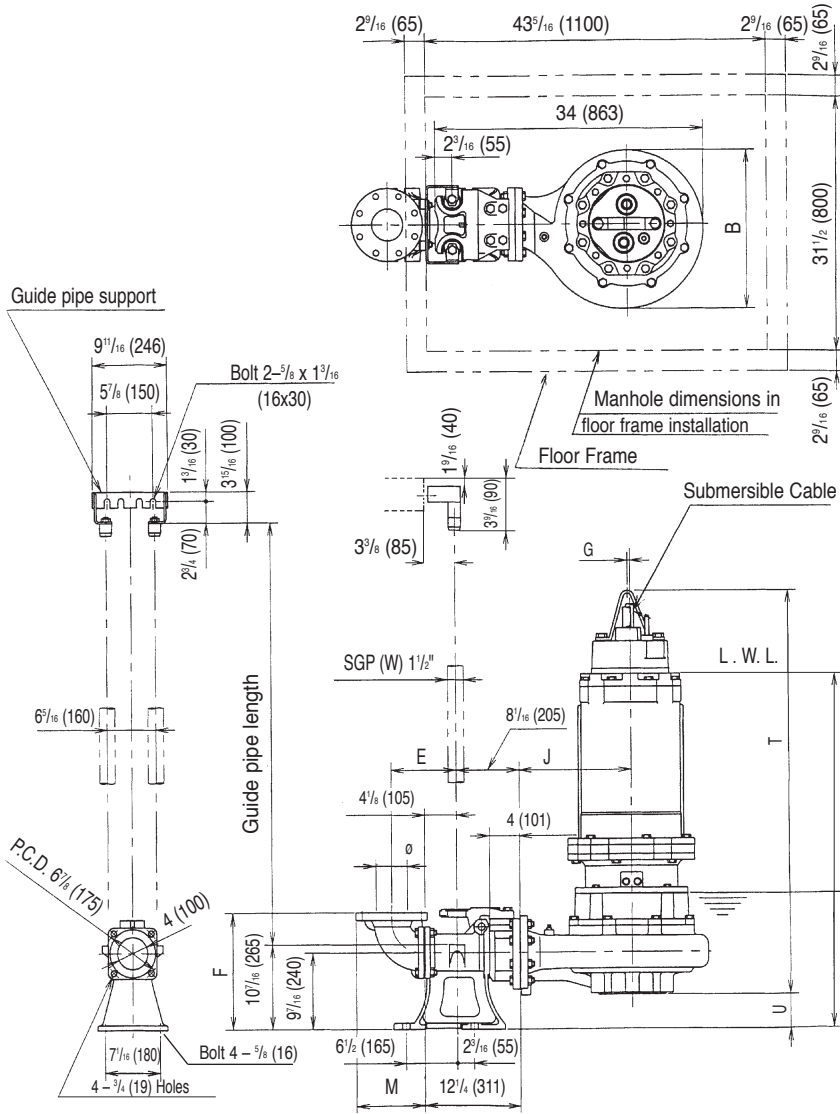
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-------|---------|-------------|--------|----|--------------|--------------|-----|-----|-----|------|----|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 100/150 | 100DLFU65.5 | 5.5 | 7½ | LL125 | 398 | 685 | 357 | 280 | 1020 | 69 | 160 | 65 |
| | | 100DLFU67.5 | 7.5 | 10 | LL125 | 398 | 685 | 357 | 280 | 1020 | 69 | 179 | 65 |
| | | 100DLFU611 | 11 | 15 | LL125 | 398 | 685 | 357 | 280 | 1113 | 69 | 216 | 65 |
| | | 100DLFU615 | 15 | 20 | LL125 | 417 | 715 | 371 | 300 | 1172 | 73 | 273 | 65 |
| | | 100DLFU618 | 18.5 | 25 | LL125 | 438 | 745 | 371 | 320 | 1212 | 73 | 307 | 65 |
| | | 100DLFU622 | 22 | 30 | LL125 | 438 | 745 | 371 | 320 | 1212 | 73 | 334 | 65 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU with Quick Discharge Connector
100DLFU, 40 to 60HP**



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|-------|---|--------|---|-----|
| Ø | e | f | t | n | h |
| 4 | 7 1/2 | 9 | 1 5/16 | 8 | 3/4 |

| mm | | | | | |
|-----|-----|-----|----|---|----|
| Ø | e | f | t | n | h |
| 100 | 191 | 229 | 24 | 8 | 19 |

Dimensions: inch

| PHASE | SIZE Ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | | WEIGHT Lb | | | |
|-------|--------|------------|--------|----|--------------|--------------|-------|--------|------|---------|--------|---------|-----------|--------|------|--------|
| | | | KW | HP | | B | E | F | G | J | L | M | T | U | PUMP | Q.D.C. |
| THREE | 4 | 100DLFU630 | 30 | 40 | LL100 | 19 9/16 | 8 1/4 | 14 3/8 | 5/16 | 14 3/16 | 45 3/4 | 8 11/16 | 47 7/8 | 4 3/16 | 1001 | 106 |
| | | 100DLFU637 | 37 | 50 | LL100 | 19 9/16 | 8 1/4 | 14 3/8 | 5/16 | 14 3/16 | 45 3/4 | 8 11/16 | 51 7/16 | 4 3/16 | 1171 | 106 |
| | | 100DLFU645 | 45 | 60 | LL100 | 19 9/16 | 8 1/4 | 14 3/8 | 5/16 | 14 3/16 | 45 3/4 | 8 11/16 | 51 7/16 | 4 3/16 | 1219 | 106 |

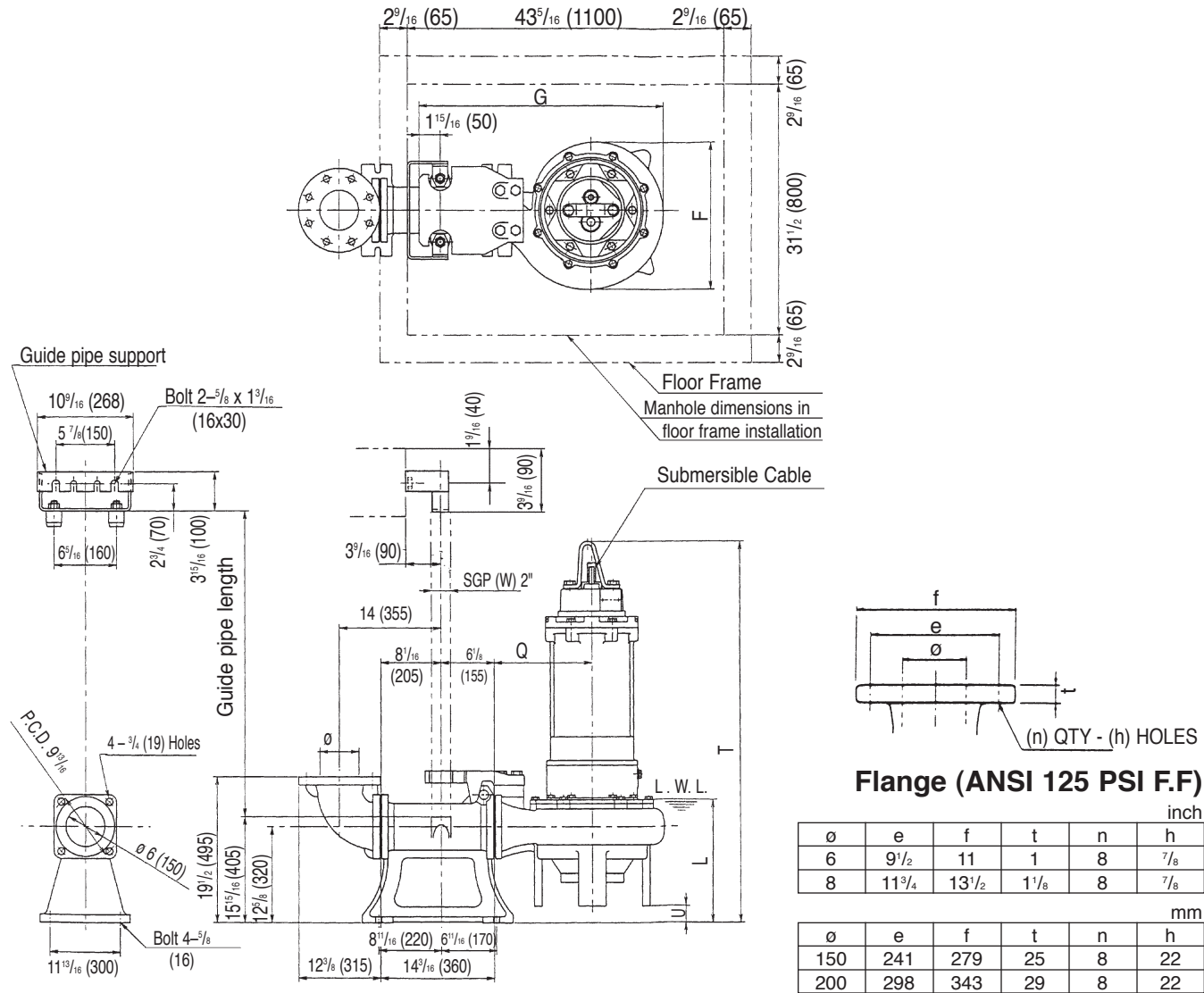
Dimensions: mm

| PHASE | SIZE Ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | | WEIGHT kg | | | |
|-------|--------|------------|--------|----|--------------|--------------|-----|-----|---|-----|-----|-----|-----------|-----|------|--------|
| | | | KW | HP | | B | E | F | G | J | L | M | T | U | PUMP | Q.D.C. |
| THREE | 100 | 100DLFU630 | 30 | 40 | LL100 | 497 | 210 | 365 | 8 | 360 | 397 | 220 | 1216 | 107 | 454 | 48 |
| | | 100DLFU637 | 37 | 50 | LL100 | 497 | 210 | 365 | 8 | 360 | 423 | 220 | 1306 | 107 | 531 | 48 |
| | | 100DLFU645 | 45 | 60 | LL100 | 497 | 210 | 365 | 8 | 360 | 423 | 220 | 1306 | 107 | 553 | 48 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU with Quick Discharge Connector
150DLFU, 10 to 30HP**



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|-----------|-------------|--------|----|-----------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 6/8 | 150DLFU67.5 | 7.5 | 10 | LL150 | 16 ¹⁵ / ₁₆ | 28 ⁷ / ₁₆ | 15 ⁹ / ₁₆ | 11 ¹³ / ₁₆ | 41 ¹¹ / ₁₆ | 3 ³ / ₁₆ | 428 | 176 |
| | | 150DLFU611 | 11 | 15 | LL150 | 16 ¹⁵ / ₁₆ | 28 ⁷ / ₁₆ | 15 ⁹ / ₁₆ | 11 ¹³ / ₁₆ | 45 ⁹ / ₈ | 3 ³ / ₁₆ | 549 | 176 |
| | | 150DLFU615 | 15 | 20 | LL150 | 17 ¹³ / ₁₆ | 29 ⁹ / ₈ | 16 ¹ / ₁₆ | 12 ⁵ / ₈ | 47 ⁵ / ₈ | 3 ³ / ₈ | 635 | 176 |
| | | 150DLFU618 | 18.5 | 25 | LL150 | 17 ¹³ / ₁₆ | 29 ⁹ / ₈ | 16 ¹ / ₁₆ | 12 ⁵ / ₈ | 49 ³ / ₁₆ | 3 ³ / ₈ | 712 | 176 |
| | | 150DLFU622 | 22 | 30 | LL150 | 18 ⁷ / ₈ | 30 ¹⁵ / ₁₆ | 15 ¹⁵ / ₁₆ | 13 ³ / ₈ | 49 ¹ / ₁₆ | 3 ³ / ₁₆ | 787 | 176 |

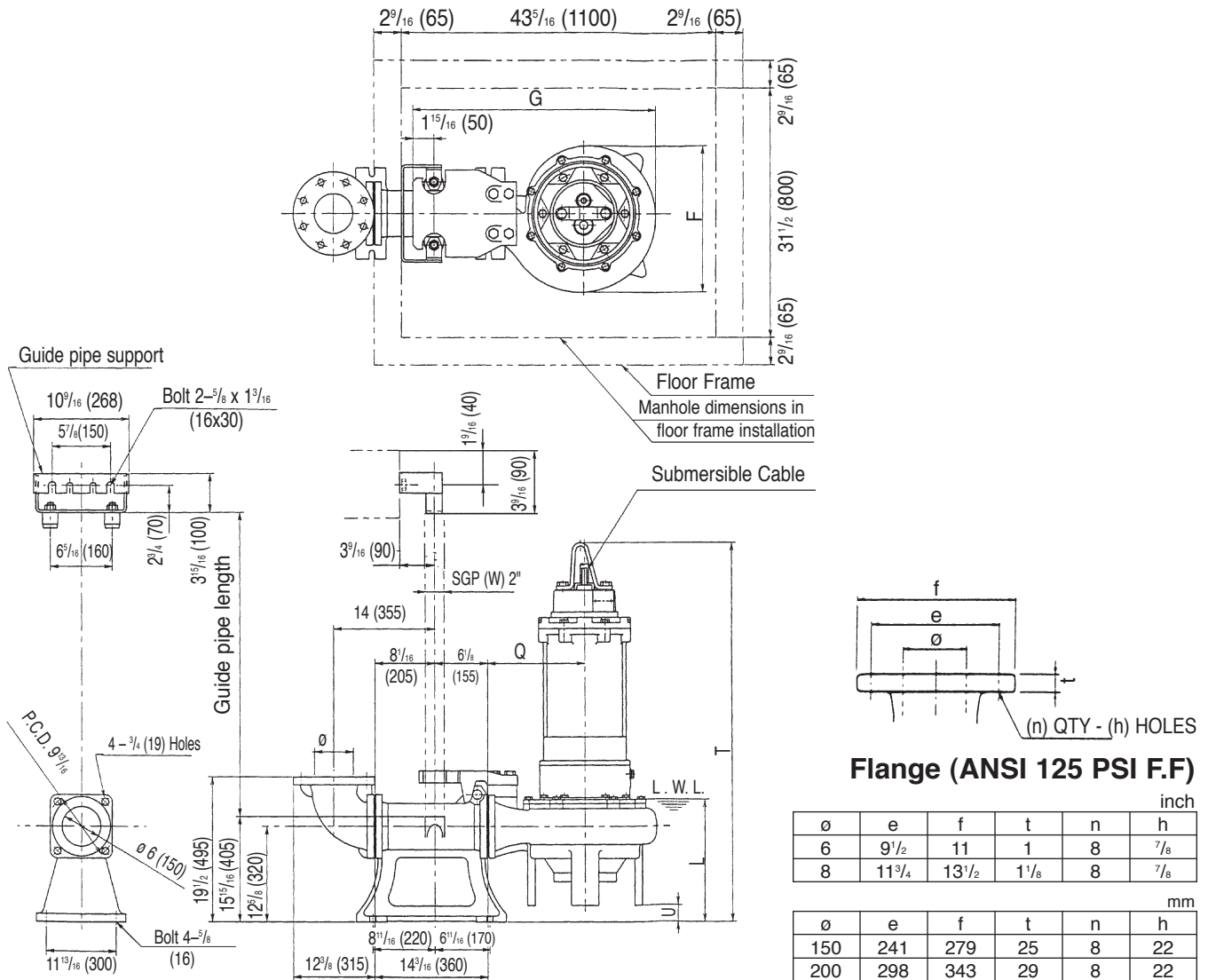
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-------|-----------|-------------|--------|----|-----------------|--------------|-----|-----|-----|------|----|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 150/200 | 150DLFU67.5 | 7.5 | 10 | LL150 | 430 | 722 | 396 | 300 | 1059 | 81 | 194 | 80 |
| | | 150DLFU611 | 11 | 15 | LL150 | 430 | 722 | 396 | 300 | 1152 | 81 | 249 | 80 |
| | | 150DLFU615 | 15 | 20 | LL150 | 453 | 753 | 408 | 320 | 1209 | 85 | 288 | 80 |
| | | 150DLFU618 | 18.5 | 25 | LL150 | 453 | 753 | 408 | 320 | 1249 | 85 | 323 | 80 |
| | | 150DLFU622 | 22 | 30 | LL150 | 479 | 786 | 405 | 340 | 1246 | 84 | 357 | 80 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector
200DLFU, 10 to 30HP



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------|-------------|--------|----|--------------|--------------|----------|----------|----------|----------|--------|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 6/8 | 200DLFU67.5 | 7.5 | 10 | LL150 | 16 15/16 | 28 7/16 | 15 9/16 | 11 13/16 | 41 11/16 | 3 3/16 | 428 | 176 |
| | | 200DLFU611 | 11 | 15 | LL150 | 16 15/16 | 28 7/16 | 15 9/16 | 11 13/16 | 45 3/8 | 3 3/16 | 549 | 176 |
| | | 200DLFU615 | 15 | 20 | LL150 | 17 13/16 | 29 9/8 | 16 1/16 | 12 5/8 | 47 5/8 | 3 3/8 | 635 | 176 |
| | | 200DLFU618 | 18.5 | 25 | LL150 | 17 13/16 | 29 9/8 | 16 1/16 | 12 5/8 | 49 3/16 | 3 3/8 | 712 | 176 |
| | | 200DLFU622 | 22 | 30 | LL150 | 18 7/8 | 30 15/16 | 15 15/16 | 13 3/8 | 49 1/16 | 3 3/16 | 787 | 176 |

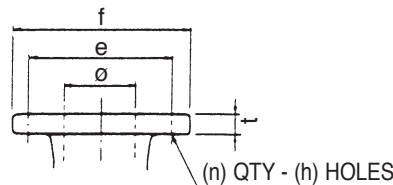
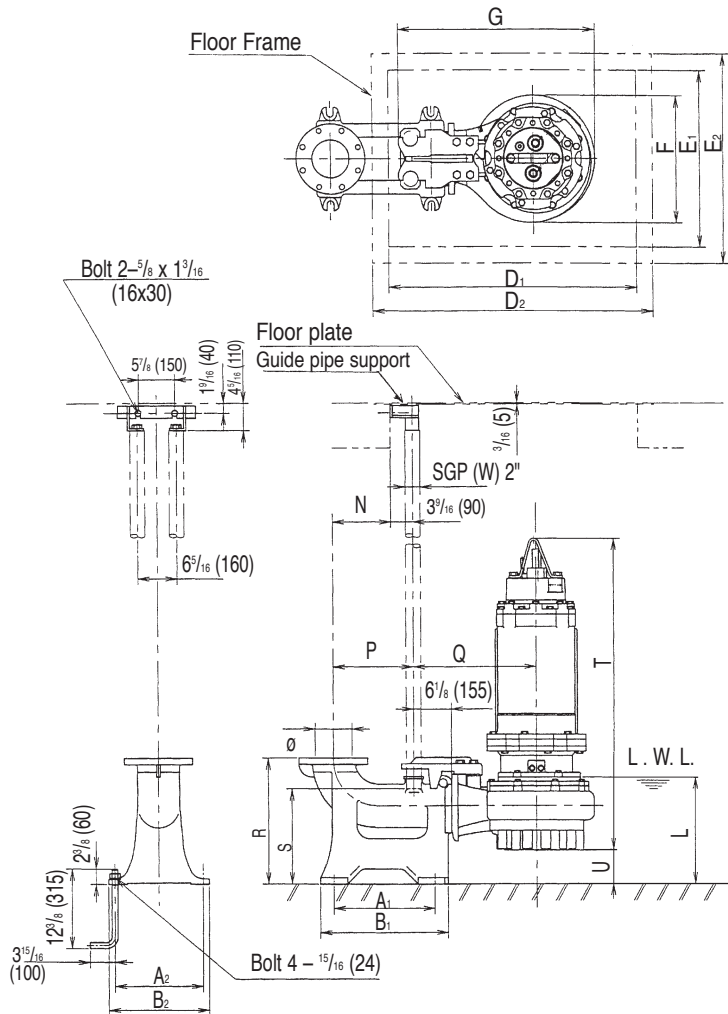
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-------|---------|-------------|--------|----|--------------|--------------|-----|-----|-----|------|----|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 150/200 | 200DLFU67.5 | 7.5 | 10 | LL150 | 430 | 722 | 396 | 300 | 1059 | 81 | 194 | 80 |
| | | 200DLFU611 | 11 | 15 | LL150 | 430 | 722 | 396 | 300 | 1152 | 81 | 249 | 80 |
| | | 200DLFU615 | 15 | 20 | LL150 | 453 | 753 | 408 | 320 | 1209 | 85 | 288 | 80 |
| | | 200DLFU618 | 18.5 | 25 | LL150 | 453 | 753 | 408 | 320 | 1249 | 85 | 323 | 80 |
| | | 200DLFU622 | 22 | 30 | LL150 | 479 | 786 | 405 | 340 | 1246 | 84 | 357 | 80 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector
150DLFU, 40 to 60HP
200DLFU, 40 to 60HP



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|--------|--------|-------|---|-----|
| ø | e | f | t | n | h |
| 6 | 9 1/2 | 11 | 1 | 8 | 7/8 |
| 8 | 11 3/4 | 13 1/2 | 1 1/8 | 8 | 7/8 |

| mm | | | | | |
|-----|-----|-----|----|---|----|
| ø | e | f | t | n | h |
| 150 | 241 | 279 | 25 | 8 | 22 |
| 200 | 298 | 343 | 29 | 8 | 22 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | QDC MODEL | PUMP & MOTOR | | | | | | | | | | | | | | | | ACCESS HOLE | | | | WEIGHT Lb | |
|-------|--------|------------|--------|----|-----------|----------------|----------------|----------------|----------------|---------|---------|---------|---------|----------|--------|----------|---------|---------|-------|----------------|----------------|----------------|----------------|------|-----|-----------|--|
| | | | KW | HP | | A ₁ | A ₂ | B ₁ | B ₂ | F | G | L | N | P | Q | R | S | T | U | D ₁ | D ₂ | E ₁ | E ₂ | PUMP | QDC | | |
| THREE | 6 | 150DLFU630 | 30 | 40 | LL150YU | 16 1/8 | 14 3/16 | 20 1/2 | 16 1/8 | 18 9/16 | 31 5/16 | 15 3/16 | 9 1/4 | 12 13/16 | 19 7/8 | 19 11/16 | 15 5/16 | 47 1/16 | 5 1/4 | 39 3/4 | 44 7/8 | 27 3/16 | 32 11/16 | 1294 | 179 | | |
| | | 150DLFU637 | 37 | 50 | LL150YU | 16 1/8 | 14 3/16 | 20 1/2 | 16 1/8 | 18 9/16 | 31 5/16 | 16 5/8 | 9 1/4 | 12 13/16 | 19 7/8 | 19 11/16 | 15 5/16 | 50 9/16 | 5 1/4 | 39 3/4 | 44 7/8 | 27 3/16 | 32 11/16 | 1345 | 179 | | |
| | | 150DLFU645 | 45 | 60 | LL150YU | 16 1/8 | 14 3/16 | 20 1/2 | 16 1/8 | 18 9/16 | 31 5/16 | 16 5/8 | 9 1/4 | 12 13/16 | 19 7/8 | 19 11/16 | 15 5/16 | 50 9/16 | 5 1/4 | 39 3/4 | 44 7/8 | 27 3/16 | 32 11/16 | 1404 | 179 | | |
| | 8 | 200DLFU630 | 30 | 40 | LL200YU | 17 5/16 | 16 9/16 | 21 5/8 | 18 1/2 | 20 9/16 | 32 1/2 | 17 1/2 | 10 7/16 | 14 | 20 1/4 | 23 3/8 | 16 3/4 | 47 1/8 | 6 7/8 | 43 5/8 | 48 7/8 | 31 1/2 | 36 5/8 | 1347 | 227 | | |
| | | 200DLFU637 | 37 | 50 | LL200YU | 17 5/16 | 16 9/16 | 21 5/8 | 18 1/2 | 20 9/16 | 32 1/2 | 18 5/8 | 10 7/16 | 14 | 20 1/4 | 23 3/8 | 16 3/4 | 50 9/16 | 6 7/8 | 43 5/8 | 48 7/8 | 31 1/2 | 36 5/8 | 1398 | 227 | | |
| | | 200DLFU645 | 45 | 60 | LL200YU | 17 5/16 | 16 9/16 | 21 5/8 | 18 1/2 | 20 9/16 | 32 1/2 | 18 5/8 | 10 7/16 | 14 | 20 1/4 | 23 3/8 | 16 3/4 | 50 9/16 | 6 7/8 | 43 5/8 | 48 7/8 | 31 1/2 | 36 5/8 | 1457 | 227 | | |

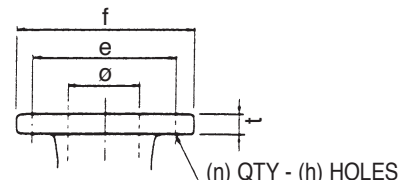
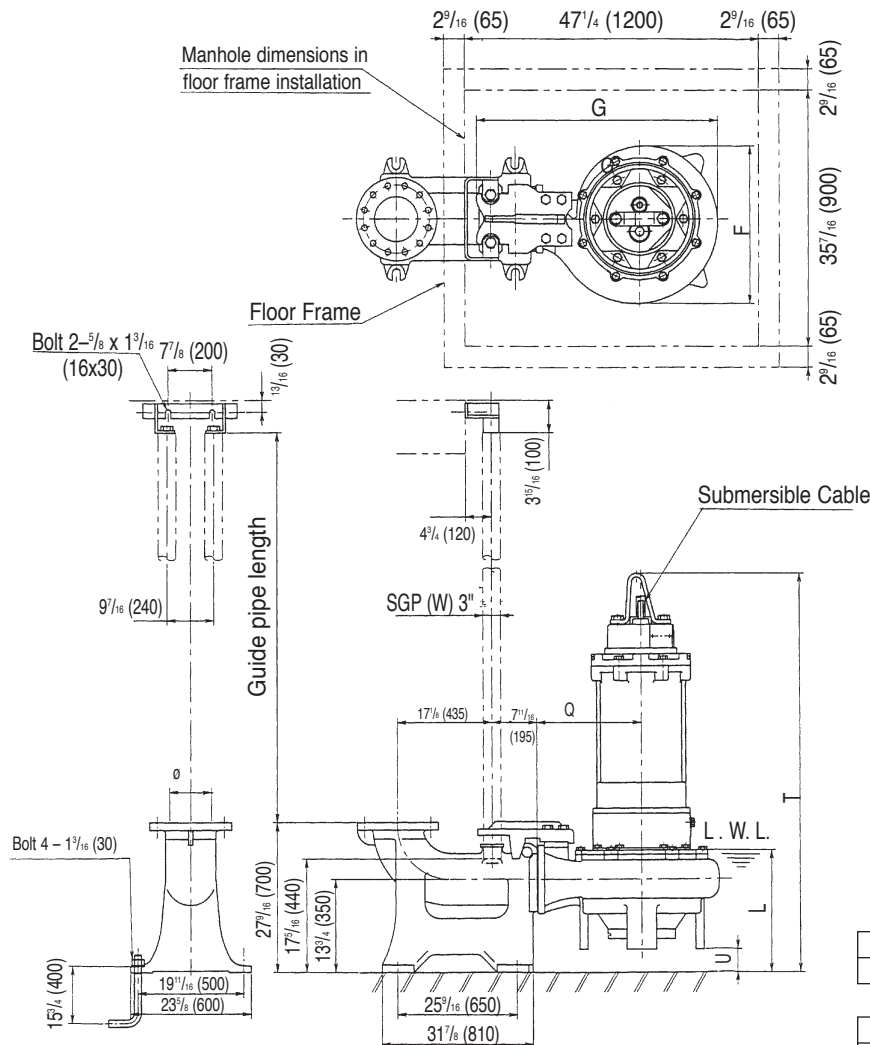
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | QDC MODEL | PUMP & MOTOR | | | | | | | | | | | | | | | | ACCESS HOLE | | | | WEIGHT kg | |
|-------|--------|------------|--------|----|-----------|----------------|----------------|----------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|----------------|----------------|----------------|----------------|------|-----|-----------|--|
| | | | KW | HP | | A ₁ | A ₂ | B ₁ | B ₂ | F | G | L | N | P | Q | R | S | T | U | D ₁ | D ₂ | E ₁ | E ₂ | PUMP | QDC | | |
| THREE | 150 | 150DLFU630 | 30 | 40 | LL150YU | 410 | 360 | 520 | 410 | 471 | 795 | 402 | 235 | 325 | 505 | 500 | 385 | 1195 | 133 | 1010 | 1140 | 700 | 830 | 587 | 81 | | |
| | | 150DLFU637 | 37 | 50 | LL150YU | 410 | 360 | 520 | 410 | 471 | 795 | 423 | 235 | 325 | 505 | 500 | 385 | 1280 | 133 | 1010 | 1140 | 700 | 830 | 610 | 81 | | |
| | | 150DLFU645 | 45 | 60 | LL150YU | 410 | 360 | 520 | 410 | 471 | 795 | 423 | 235 | 325 | 505 | 500 | 385 | 1280 | 133 | 1010 | 1140 | 700 | 830 | 637 | 81 | | |
| | 200 | 200DLFU630 | 30 | 40 | LL200YU | 440 | 420 | 550 | 470 | 522 | 825 | 444 | 265 | 355 | 515 | 600 | 425 | 1195 | 175 | 1100 | 1230 | 800 | 930 | 611 | 103 | | |
| | | 200DLFU637 | 37 | 50 | LL200YU | 440 | 420 | 550 | 470 | 522 | 825 | 465 | 265 | 355 | 515 | 600 | 425 | 1280 | 175 | 1100 | 1230 | 800 | 930 | 634 | 103 | | |
| | | 200DLFU645 | 45 | 60 | LL200YU | 440 | 420 | 550 | 470 | 522 | 825 | 465 | 265 | 355 | 515 | 600 | 425 | 1280 | 175 | 1100 | 1230 | 800 | 930 | 661 | 103 | | |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector
250DLFU, 15 to 30HP



Flange (ANSI 125 PSI F.F)

| inch | | | | | |
|------|--------------------------------|----|--------------------------------|----|---|
| ø | e | f | t | n | h |
| 10 | 14 ¹ / ₄ | 16 | 1 ³ / ₁₆ | 12 | 1 |

| mm | | | | | |
|-----|-----|-----|----|----|----|
| ø | e | f | t | n | h |
| 250 | 362 | 406 | 30 | 12 | 25 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------|--------------|--------|----|--------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|---------------------------------|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 10 | 250DLFU611 | 11 | 15 | LL250U | 20 ⁵ / ₈ | 35 ⁷ / ₁₆ | 17 ³ / ₄ | 14 ⁹ / ₁₆ | 47 ¹ / ₂ | 2 ⁵ / ₁₆ | 736 | 331 |
| | | 250DLBFU615 | 15 | 20 | LL250U | 20 ⁵ / ₈ | 35 ⁷ / ₁₆ | 18 ⁷ / ₁₆ | 14 ⁹ / ₁₆ | 49 ¹⁵ / ₁₆ | 2 ⁵ / ₁₆ | 833 | 331 |
| | | 250DLFCFU615 | 15 | 20 | LL250U | 21 ⁵ / ₁₆ | 36 ³ / ₈ | 18 ¹ / ₈ | 15 ³ / ₈ | 49 ¹¹ / ₁₆ | 1 ¹³ / ₁₆ | 877 | 331 |
| | | 250DLFU618 | 18.5 | 25 | LL250U | 21 ⁵ / ₁₆ | 36 ³ / ₈ | 18 ¹ / ₈ | 15 ³ / ₈ | 51 ¹ / ₄ | 1 ¹³ / ₁₆ | 959 | 331 |
| | | 250DLFU622 | 22 | 30 | LL250U | 21 ⁵ / ₁₆ | 36 ³ / ₈ | 18 ¹ / ₈ | 15 ³ / ₈ | 51 ¹ / ₄ | 1 ¹³ / ₁₆ | 1030 | 331 |

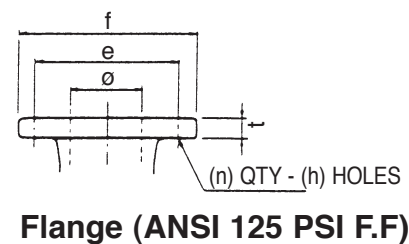
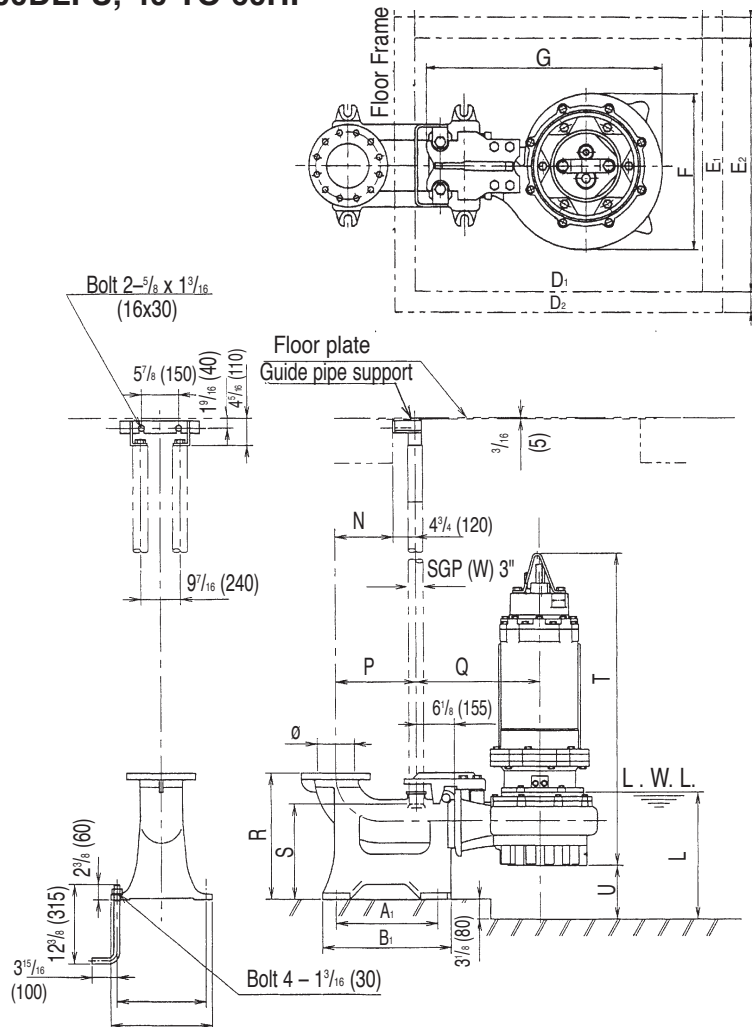
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-------|--------|--------------|--------|----|--------------|--------------|-----|-----|-----|------|----|-----------|--------|
| | | | kW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 250 | 250DLFU611 | 11 | 15 | LL250U | 524 | 900 | 451 | 370 | 1207 | 58 | 334 | 150 |
| | | 250DLBFU615 | 15 | 20 | LL250U | 524 | 900 | 468 | 370 | 1269 | 58 | 378 | 150 |
| | | 250DLFCFU615 | 15 | 20 | LL250U | 541 | 924 | 461 | 390 | 1262 | 46 | 398 | 150 |
| | | 250DLFU618 | 18.5 | 25 | LL250U | 541 | 924 | 461 | 390 | 1302 | 46 | 435 | 150 |
| | | 250DLFU622 | 22 | 30 | LL250U | 541 | 924 | 461 | 390 | 1302 | 46 | 467 | 150 |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

Model DLFU with Quick Discharge Connector
250DLFU, 40 TO 60HP
300DLFU, 40 TO 60HP



| inch | | | | | |
|------|--------|----|--------|----|---|
| ø | e | f | t | n | h |
| 10 | 14 1/4 | 16 | 1 3/16 | 12 | 1 |
| 12 | 17 | 19 | 1 1/4 | 12 | 1 |

| mm | | | | | |
|-----|-----|-----|----|----|----|
| ø | e | f | t | n | h |
| 250 | 362 | 406 | 30 | 12 | 25 |
| 300 | 432 | 483 | 32 | 12 | 25 |

Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | QDC MODEL | PUMP & MOTOR | | | | | | | | | | | | | | | | ACCESS HOLE | | | | WEIGHT Lb | |
|-------|--------|------------|--------|----|-----------|----------------|----------------|----------------|----------------|----------|--------|---------|---------|---------|--------|---------|---------|---------|---------|----------------|----------------|----------------|----------------|------|-----|-----------|--|
| | | | KW | HP | | A ₁ | A ₂ | B ₁ | B ₂ | F | G | L | N | P | Q | R | S | T | U | D ₁ | D ₂ | E ₁ | E ₂ | PUMP | QDC | | |
| THREE | 10 | 250DLFU630 | 30 | 40 | LL250YU | 25 9/16 | 19 11/16 | 31 1/8 | 22 1/16 | 23 11/16 | 39 3/4 | 17 9/16 | 12 3/8 | 17 1/8 | 25 | 27 9/16 | 17 9/16 | 48 9/8 | 8 3/4 | 47 1/4 | 53 3/8 | 35 7/16 | 41 5/16 | 1570 | 344 | | |
| | | 250DLFU637 | 37 | 50 | LL250YU | 25 9/16 | 19 11/16 | 31 1/8 | 22 1/16 | 23 11/16 | 39 3/4 | 18 9/8 | 12 3/8 | 17 1/8 | 25 | 27 9/16 | 17 9/16 | 51 1/4 | 8 3/4 | 47 1/4 | 53 3/8 | 35 7/16 | 41 5/16 | 1631 | 344 | | |
| | | 250DLFU645 | 45 | 60 | LL250YU | 25 9/16 | 19 11/16 | 31 1/8 | 22 1/16 | 23 11/16 | 39 3/4 | 18 9/8 | 12 3/8 | 17 1/8 | 25 | 27 9/16 | 17 9/16 | 51 1/4 | 8 3/4 | 47 1/4 | 53 3/8 | 35 7/16 | 41 5/16 | 1713 | 344 | | |
| | 12 | 300DLFU630 | 30 | 40 | LL300YU | 26 3/4 | 22 3/16 | 32 3/16 | 25 3/16 | 27 7/16 | 43 3/8 | 20 3/8 | 13 9/16 | 18 3/16 | 27 3/8 | 31 1/2 | 21 5/8 | 50 9/16 | 9 15/16 | 51 3/16 | 57 1/16 | 39 3/8 | 45 1/4 | 1733 | 450 | | |
| | | 300DLFU637 | 37 | 50 | LL300YU | 26 3/4 | 22 3/16 | 32 3/16 | 25 3/16 | 27 7/16 | 43 3/8 | 21 3/4 | 13 9/16 | 18 3/16 | 27 3/8 | 31 1/2 | 21 5/8 | 53 3/8 | 9 9/16 | 51 3/16 | 57 1/16 | 39 3/8 | 45 1/4 | 1795 | 450 | | |
| | | 300DLFU645 | 45 | 60 | LL300YU | 26 3/4 | 22 3/16 | 32 3/16 | 25 3/16 | 27 7/16 | 43 3/8 | 21 3/4 | 13 9/16 | 18 3/16 | 27 3/8 | 31 1/2 | 21 5/8 | 53 3/8 | 9 9/16 | 51 3/16 | 57 1/16 | 39 3/8 | 45 1/4 | 1876 | 450 | | |

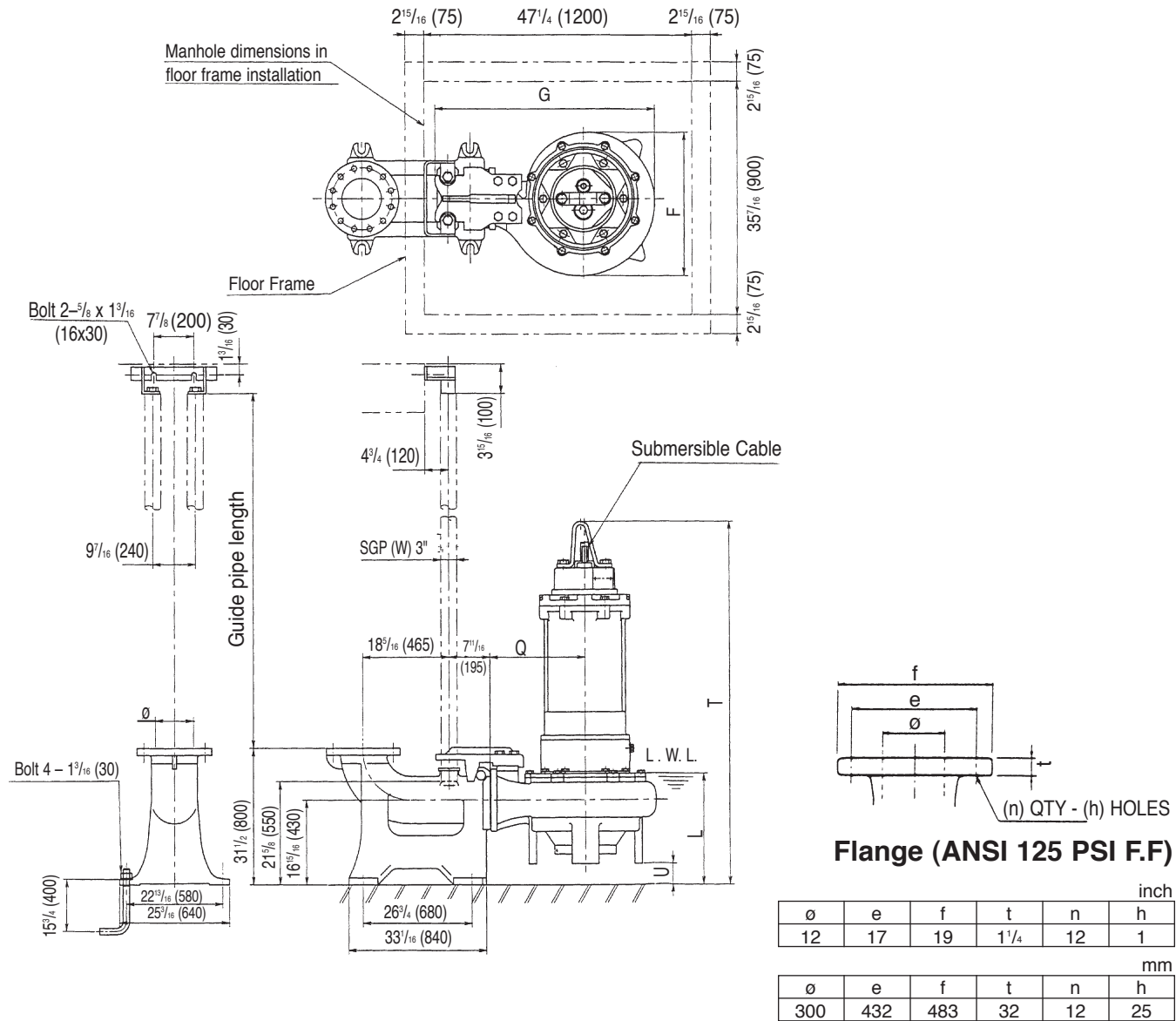
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | QDC MODEL | PUMP & MOTOR | | | | | | | | | | | | | | | | ACCESS HOLE | | | | WEIGHT kg | |
|-------|--------|------------|--------|----|-----------|----------------|----------------|----------------|----------------|-----|------|-----|-----|-----|-----|-----|-----|------|-----|----------------|----------------|----------------|----------------|------|-----|-----------|--|
| | | | KW | HP | | A ₁ | A ₂ | B ₁ | B ₂ | F | G | L | N | P | Q | R | S | T | U | D ₁ | D ₂ | E ₁ | E ₂ | PUMP | QDC | | |
| THREE | 250 | 250DLFU630 | 30 | 40 | LL250YU | 650 | 500 | 790 | 560 | 602 | 1010 | 446 | 315 | 435 | 635 | 700 | 440 | 1229 | 223 | 1200 | 1350 | 900 | 1050 | 712 | 156 | | |
| | | 250DLFU637 | 37 | 50 | LL250YU | 650 | 500 | 790 | 560 | 602 | 1010 | 467 | 315 | 435 | 635 | 700 | 440 | 1314 | 223 | 1200 | 1350 | 900 | 1050 | 740 | 156 | | |
| | | 250DLFU645 | 45 | 60 | LL250YU | 650 | 500 | 790 | 560 | 602 | 1010 | 467 | 315 | 435 | 635 | 700 | 440 | 1314 | 223 | 1200 | 1350 | 900 | 1050 | 777 | 156 | | |
| | 300 | 300DLFU630 | 30 | 40 | LL300YU | 680 | 580 | 820 | 640 | 693 | 1115 | 531 | 345 | 465 | 695 | 800 | 550 | 1284 | 253 | 1300 | 1450 | 1000 | 1150 | 786 | 204 | | |
| | | 300DLFU637 | 37 | 50 | LL300YU | 680 | 580 | 820 | 640 | 693 | 1115 | 552 | 345 | 465 | 695 | 800 | 550 | 1369 | 253 | 1300 | 1450 | 1000 | 1150 | 814 | 204 | | |
| | | 300DLFU645 | 45 | 60 | LL300YU | 680 | 580 | 820 | 640 | 693 | 1115 | 552 | 345 | 465 | 695 | 800 | 550 | 1369 | 253 | 1300 | 1450 | 1000 | 1150 | 851 | 204 | | |

Dimensions

Project: _____ Model: _____ Chk'd: _____ Date: _____

**Model DLFU with Quick Discharge Connector
300DLFU, 25 to 30HP**



Dimensions: inch

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT Lb | |
|-------|--------|------------|--------|----|--------------|--------------|----------|---------|---------|--------|--------|-----------|--------|
| | | | KW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 12 | 300DLFU618 | 18.5 | 25 | LL300U | 23 1/8 | 38 11/16 | 22 5/16 | 16 9/16 | 55 5/8 | 4 5/16 | 1047 | 331 |
| | | 300DLFU622 | 22 | 30 | LL300U | 23 1/8 | 38 11/16 | 22 5/16 | 16 9/16 | 55 5/8 | 4 5/16 | 1107 | 331 |

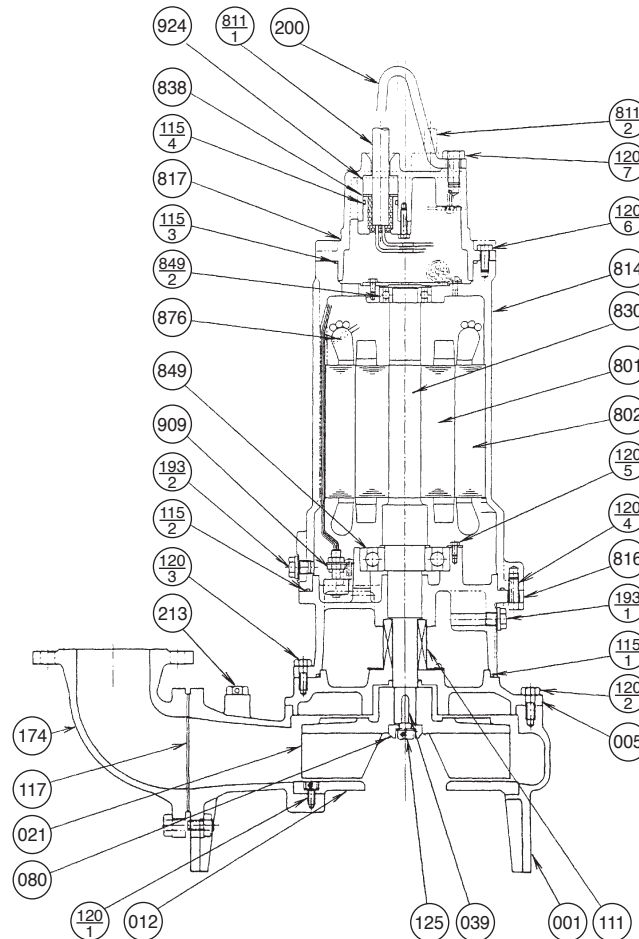
Dimensions: mm

| PHASE | SIZE ø | MODEL | OUTPUT | | Q.D.C. MODEL | PUMP & MOTOR | | | | | | WEIGHT kg | |
|-------|--------|------------|--------|----|--------------|--------------|-----|-----|-----|------|-----|-----------|--------|
| | | | KW | HP | | F | G | L | Q | T | U | PUMP | Q.D.C. |
| THREE | 300 | 300DLFU618 | 18.5 | 25 | LL300U | 587 | 983 | 566 | 420 | 1407 | 109 | 475 | 150 |
| | | 300DLFU622 | 22 | 30 | LL300U | 587 | 983 | 566 | 420 | 1407 | 109 | 502 | 150 |

Sectional View

Project: _____ Model: _____ Chk'd: _____ Date: _____

2 to 5HP



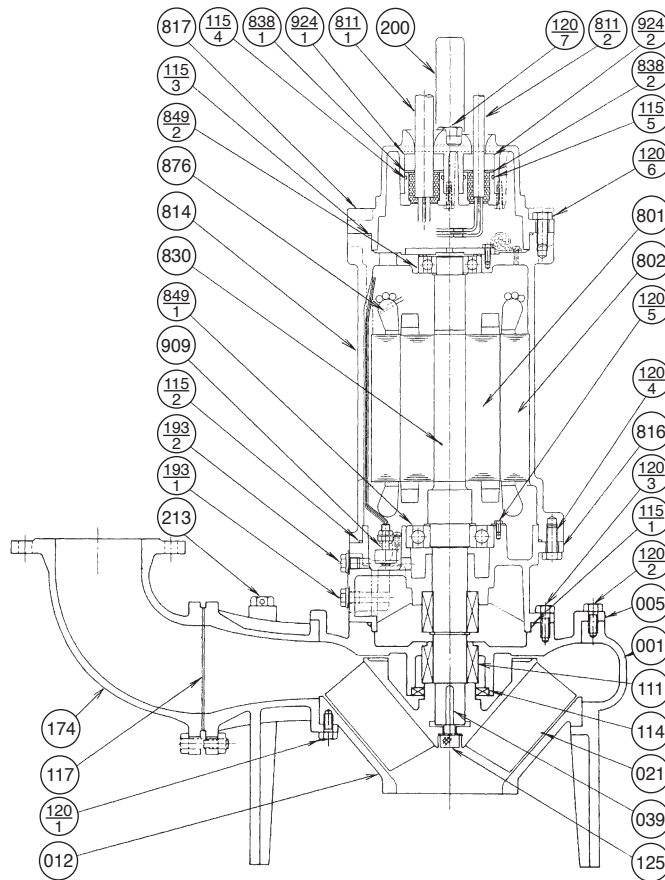
| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT | PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|---------------------|---------------|-----------------|----------------|----------|------------------|---------------|-----------------|----------------|
| 001 | CASING | CAST IRON | A48 Class 30 | 1 | 174 | DISCHARGE ELBOW | CAST IRON | A48 Class 30 | 1 |
| 005 | INTERMEDIATE CASING | CAST IRON | A48 Class 30 | 1 | 193-1 | PLUG | 304 STAINLESS | AISI304 | 1 |
| †012 | SUCTION COVER | CAST IRON | A48 Class 30 | 1 | 193-2 | PLUG | 304 STAINLESS | AISI304 | 1 |
| †021 | IMPELLER | CAST IRON | A48 Class 30 | 1 | 200 | LIFTING HANGER | STEEL | A283 Grade D | 1 |
| 039 | KEY | 420 STAINLESS | AISI420 | 1 | 213 | AIR VENT VALVE | BRASS | B36 No. 272 | 1 |
| 080 | BUSHING | STEEL | A283 Grade D | 1 | 801 | ROTOR | — | | 1 |
| †111 | MECHANICAL SEAL | — | | 1 SET | 802 | STATOR | — | | 1 |
| †115-1 | O-RING | RUBBER (NBR) | | 1 | 811-1 | POWER CABLE | — | | 1 |
| †115-2 | O-RING | RUBBER (NBR) | | 1 | 811-2 | CONTROL CABLE | — | | 1 |
| †115-3 | O-RING | RUBBER (NBR) | | 1 | 814 | MOTOR COVER | CAST IRON | A48 Class 30 | 1 |
| †115-4 | O-RING | RUBBER (NBR) | | 2 | 816 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| †117 | GASKET | | | 1 | 817 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 120-1 | BOLT | 304 STAINLESS | AISI304 | 4 | 830 | SHAFT | 403 STAINLESS | AISI403 | 1 |
| 120-2 | BOLT | 304 STAINLESS | AISI304 | 8 | 838 | WASHER | 304 STAINLESS | AISI304 | 2 |
| 120-3 | BOLT | 304 STAINLESS | AISI304 | 4 | †849-1 | BALL BEARING | — | | 1 |
| 120-4 | BOLT | 304 STAINLESS | AISI304 | 4 | †849-2 | BALL BEARING | — | | 1 |
| 120-5 | BOLT | 304 STAINLESS | AISI304 | 3 | 876 | MOTOR PROTECTOR | — | | 3 |
| 120-6 | BOLT | 304 STAINLESS | AISI304 | 4 | 909 | LEAKAGE DETECTOR | — | | 1 |
| 120-7 | BOLT | 304 STAINLESS | AISI304 | 2 | 924 | PACKING | RUBBER (NBR) | | 2 |
| 125 | BOLT | 304 STAINLESS | AISI304 | 1 | | | | | |

Motors are purchased as a complete unit
 †: Recommended spare parts

Sectional View

Project: _____ Model: _____ Chk'd: _____ Date: _____

7½ to 10HP



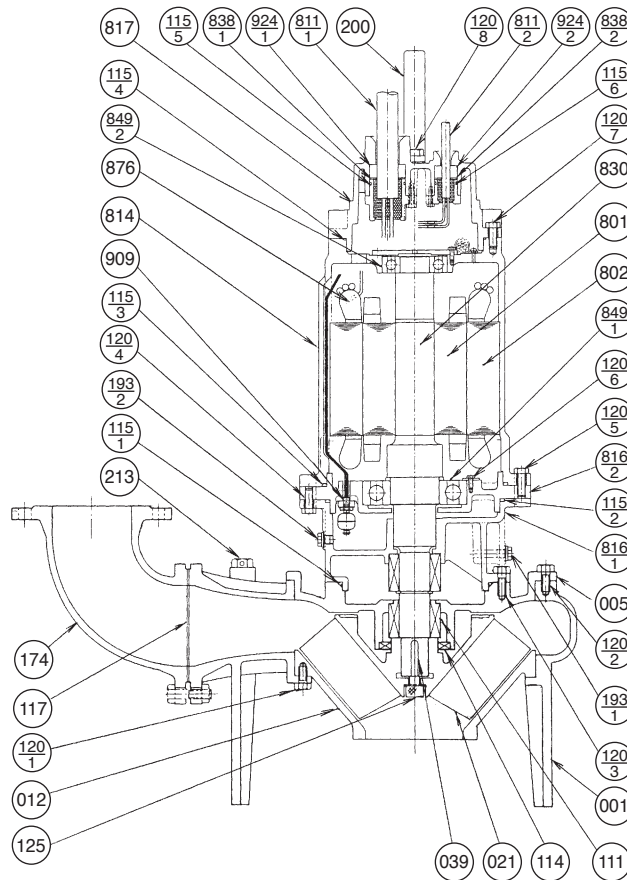
| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT | PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|---------------------|---------------|-----------------|----------------|----------|------------------|-----------------|-----------------|----------------|
| 001 | CASING | CAST IRON | A48 Class 30 | 1 | 174 | DISCHARGE ELBOW | CAST IRON | A48 Class 30 | 1 |
| 005 | INTERMEDIATE CASING | CAST IRON | A48 Class 30 | 1 | 193-1 | PLUG | 304 STAINLESS | AISI304 | 1 |
| †012 | SUCTION COVER | CAST IRON | A48 Class 30 | 1 | 193-2 | PLUG | 304 STAINLESS | AISI304 | 1 |
| †021 | IMPELLER | CAST IRON | A48 Class 30 | 1 | 200 | LIFTING HANGER | STEEL | A283 Grade D | 1 |
| 039 | KEY | 420 STAINLESS | AISI420 | 1 | 213 | AIR VENT VALVE | BRASS | B36 No. 272 | 1 |
| †111 | MECHANICAL SEAL | — | | 1 SET | 801 | ROTOR | — | | 1 |
| †114 | OIL SEAL | RUBBER (NBR) | | 1 | 802 | STATOR | — | | 1 |
| †115-1 | O-RING | RUBBER (NBR) | | 1 | 811-1 | POWER CABLE | — | | 1 |
| †115-2 | O-RING | RUBBER (NBR) | | 1 | 811-2 | CONTROL CABLE | — | | 1 |
| †115-3 | O-RING | RUBBER (NBR) | | 1 | 814 | MOTOR COVER | CAST IRON | A48 Class 30 | 1 |
| †115-4 | O-RING | RUBBER (NBR) | | 1 | 816 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| †115-5 | O-RING | RUBBER (NBR) | | 1 | 817 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| †117 | GASKET | | | 1 | 830 | SHAFT | 420J2 STAINLESS | AISI420 | 1 |
| 120-1 | BOLT | 304 STAINLESS | AISI304 | 4 | 838-1 | WASHER | 304 STAINLESS | AISI304 | 1 |
| 120-2 | BOLT | 304 STAINLESS | AISI304 | 8 | 838-2 | WASHER | 304 STAINLESS | AISI304 | 1 |
| 120-3 | BOLT | 304 STAINLESS | AISI304 | 4 | †849-1 | BALL BEARING | — | | 1 |
| 120-4 | BOLT | 304 STAINLESS | AISI304 | 6 | †849-2 | BALL BEARING | — | | 1 |
| 120-5 | BOLT | 304 STAINLESS | AISI304 | 3 | 876 | MOTOR PROTECTOR | — | | 3 |
| 120-6 | BOLT | 304 STAINLESS | AISI304 | 4 | 909 | LEAKAGE DETECTOR | — | | 1 |
| 120-7 | BOLT | 304 STAINLESS | AISI304 | 2 | 924-1 | PACKING | RUBBER (NBR) | | 1 |
| 125 | BOLT | 304 STAINLESS | AISI304 | 1 | 924-2 | PACKING | RUBBER (NBR) | | 1 |

Motors are purchased as a complete unit
 †: Recommended spare parts

Sectional View

Project: _____ Model: _____ Chk'd: _____ Date: _____

15 to 30HP



| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|---------------------|---------------|-----------------|----------------|
| 001 | CASING | CAST IRON | A48 Class 30 | 1 |
| 005 | INTERMEDIATE CASING | CAST IRON | A48 Class 30 | 1 |
| †012 | SUCTION COVER | CAST IRON | A48 Class 30 | 1 |
| †021 | IMPELLER | CAST IRON | A48 Class 30 | 1 |
| 039 | KEY | 420 STAINLESS | AISI420 | 1 |
| †111 | MECHANICAL SEAL | — | | 1 SET |
| †114 | OIL SEAL | RUBBER (NBR) | | 1 |
| †115-1 | O-RING | RUBBER (NBR) | | 1 |
| †115-2 | O-RING | RUBBER (NBR) | | 1 |
| †115-3 | O-RING | RUBBER (NBR) | | 1 |
| †115-4 | O-RING | RUBBER (NBR) | | 1 |
| †115-5 | O-RING | RUBBER (NBR) | | 1 |
| †115-6 | O-RING | RUBBER (NBR) | | 1 |
| †117 | GASKET | | | 1 |
| 120-1 | BOLT | 304 STAINLESS | AISI304 | 4 |
| 120-2 | BOLT | 304 STAINLESS | AISI304 | 8 |
| 120-3 | BOLT | 304 STAINLESS | AISI304 | 4 |
| 120-4 | BOLT | 304 STAINLESS | AISI304 | 6 |
| 120-5 | BOLT | 304 STAINLESS | AISI304 | 6 |
| 120-6 | BOLT | 304 STAINLESS | AISI304 | 3 |
| 120-7 | BOLT | 304 STAINLESS | AISI304 | 6 |
| 120-8 | BOLT | 304 STAINLESS | AISI304 | 2 |
| 125 | BOLT | 304 STAINLESS | AISI304 | 1 |

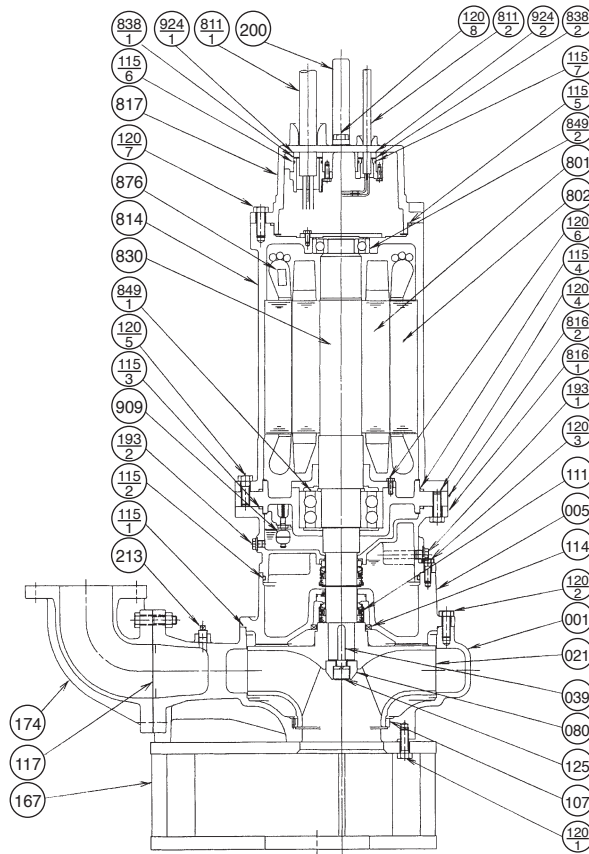
| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|------------------|-----------------|-----------------|----------------|
| 174 | DISCHARGE ELBOW | CAST IRON | A48 Class 30 | 1 |
| 193-1 | PLUG | 304 STAINLESS | AISI304 | 1 |
| 193-2 | PLUG | 304 STAINLESS | AISI304 | 1 |
| 200 | LIFTING HANGER | STEEL | A283 Grade D | 1 |
| 213 | AIR VENT VALVE | BRASS | B36 No. 272 | 1 |
| 801 | ROTOR | — | | 1 |
| 802 | STATOR | — | | 1 |
| 811-1 | POWER CABLE | — | | 1 |
| 811-2 | CONTROL CABLE | — | | 1 |
| 814 | MOTOR COVER | CAST IRON | A48 Class 30 | 1 |
| 816-1 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 816-2 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 817 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 830 | SHAFT | 420J2 STAINLESS | AISI420 | 1 |
| 838-1 | WASHER | 304 STAINLESS | AISI304 | 1 |
| 838-2 | WASHER | 304 STAINLESS | AISI304 | 1 |
| †849-1 | BALL BEARING | — | | 1 |
| †849-2 | BALL BEARING | — | | 1 |
| 876 | MOTOR PROTECTOR | — | | 3 |
| 909 | LEAKAGE DETECTOR | — | | 1 |
| 924-1 | PACKING | RUBBER (NBR) | | 1 |
| 924-2 | PACKING | RUBBER (NBR) | | 1 |

Motors are purchased as a complete unit
 †: Recommended spare parts

Sectional View

Project: _____ Model: _____ Chk'd: _____ Date: _____

**40 to 60HP
100DLFU**



| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT | PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|---------------------|---------------|-----------------|----------------|----------|------------------|-----------------|-----------------|----------------|
| 001 | CASING | CAST IRON | A48 Class 30 | 1 | 125 | BOLT | 304 STAINLESS | AISI304 | 1 |
| 005 | INTERMEDIATE CASING | CAST IRON | A48 Class 30 | 1 | *167 | BASE | STEEL | A283 Grade D | 1 |
| †021 | IMPELLER | CAST IRON | A48 Class 30 | 1 | 174 | DISCHARGE ELBOW | CAST IRON | A48 Class 30 | 1 |
| 039 | KEY | 420 STAINLESS | AISI420 | 1 | 193-1 | PLUG | 304 STAINLESS | AISI304 | 1 |
| 080 | BUSHING | 304 STAINLESS | AISI 304 | 1 | 193-2 | PLUG | 304 STAINLESS | AISI304 | 1 |
| †107 | WEARING RING | 304 STAINLESS | AISI 304 | 1 | 200 | LIFTING HANGER | STEEL | A283 Grade D | 1 |
| †111 | MECHANICAL SEAL | — | | 1 SET | 213 | AIR VENT VALVE | BRASS | B36 No. 272 | 1 |
| †114 | OIL SEAL | RUBBER (NBR) | | 1 | 801 | ROTOR | — | | 1 |
| †115-1 | O-RING | RUBBER (NBR) | | 1 | 802 | STATOR | — | | 1 |
| †115-2 | O-RING | RUBBER (NBR) | | 1 | 811-1 | POWER CABLE | — | | 2 |
| †115-3 | O-RING | RUBBER (NBR) | | 1 | 811-2 | CONTROL CABLE | — | | 1 |
| †115-4 | O-RING | RUBBER (NBR) | | 1 | 814 | MOTOR COVER | CAST IRON | A48 Class 30 | 1 |
| †115-5 | O-RING | RUBBER (NBR) | | 1 | 816-1 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| †115-6 | O-RING | RUBBER (NBR) | | 2 | 816-2 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| †115-7 | O-RING | RUBBER (NBR) | | 1 | 817 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| †117 | GASKET | | | 1 | 830 | SHAFT | 420J2 STAINLESS | AISI420 | 1 |
| 120-1 | BOLT | 304 STAINLESS | AISI304 | 8 | 838-1 | WASHER | 304 STAINLESS | AISI304 | 2 |
| 120-2 | BOLT | 304 STAINLESS | AISI304 | 8 | 838-2 | WASHER | 304 STAINLESS | AISI304 | 1 |
| 120-3 | BOLT | 304 STAINLESS | AISI304 | 8 | †849-1 | BALL BEARING | — | | 1 SET |
| 120-4 | BOLT | 304 STAINLESS | AISI304 | 8 | †849-2 | BALL BEARING | — | | 1 |
| 120-5 | BOLT | 304 STAINLESS | AISI304 | 6 | 876 | MOTOR PROTECTOR | — | | 3 |
| 120-6 | BOLT | 304 STAINLESS | AISI304 | 4 | 909 | LEAKAGE DETECTOR | — | | 1 |
| 120-7 | BOLT | 304 STAINLESS | AISI304 | 6 | 924-1 | PACKING | RUBBER (NBR) | | 2 |
| 120-8 | BOLT | 304 STAINLESS | AISI304 | 2 | 924-2 | PACKING | RUBBER (NBR) | | 1 |

Motors are purchased as a complete unit

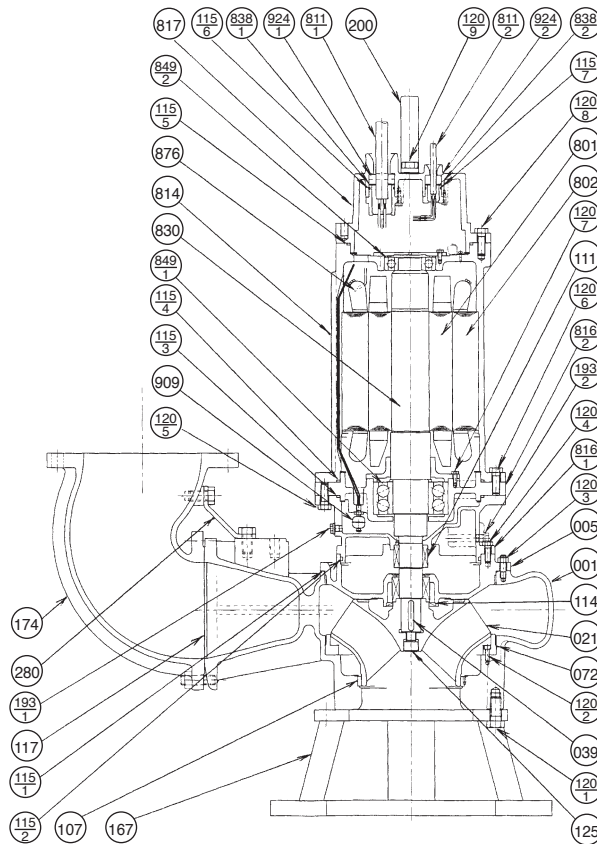
†: Recommended spare parts

*: Option for hard-piped installations

Sectional View

Project: _____ Model: _____ Chk'd: _____ Date: _____

**40 to 60HP
150DLFU
200DLFU
250DLFU
300DLFU**



| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|---------------------|---------------|-----------------|----------------|
| 001 | CASING | CAST IRON | A48 Class 30 | 1 |
| 005 | INTERMEDIATE CASING | CAST IRON | A48 Class 30 | 1 |
| †021 | IMPELLER | DUCTILE IRON | A536 60-40-18 | 1 |
| 039 | KEY | 420 STAINLESS | AISI420 | 1 |
| †072 | SIDE RING | CAST IRON | A48 Class 30 | 1 |
| †107 | WEARING RING | 304 STAINLESS | AISI304 | 1 |
| †111 | MECHANICAL SEAL | — | | 1 SET |
| †114 | OIL SEAL | RUBBER (NBR) | | 1 |
| †115-1 | O-RING | RUBBER (NBR) | | 1 |
| †115-2 | O-RING | RUBBER (NBR) | | 1 |
| †115-3 | O-RING | RUBBER (NBR) | | 1 |
| †115-4 | O-RING | RUBBER (NBR) | | 1 |
| †115-5 | O-RING | RUBBER (NBR) | | 1 |
| †115-6 | O-RING | RUBBER (NBR) | | 2 |
| †115-7 | O-RING | RUBBER (NBR) | | 1 |
| †117 | GASKET | | | 1 |
| 120-1 | BOLT | 304 STAINLESS | AISI304 | 3/4 |
| 120-2 | BOLT | 304 STAINLESS | AISI304 | 4 |
| 120-3 | BOLT | 304 STAINLESS | AISI304 | 8 |
| 120-4 | BOLT | 304 STAINLESS | AISI304 | 4 |
| 120-5 | BOLT | 304 STAINLESS | AISI304 | 8 |
| 120-6 | BOLT | 304 STAINLESS | AISI304 | 8 |
| 120-7 | BOLT | 304 STAINLESS | AISI304 | 4 |
| 120-8 | BOLT | 304 STAINLESS | AISI304 | 6 |
| 120-9 | BOLT | 304 STAINLESS | AISI304 | 2 |

| PART NO. | PART NAME | MATERIAL | ASTM, AISI CODE | NO. FOR 1 UNIT |
|----------|------------------|-----------------|-----------------|----------------|
| 125 | BOLT | 304 STAINLESS | AISI304 | 1 |
| *167 | BASE | STEEL | A283 Grade D | 1 |
| 174 | DISCHARGE ELBOW | CAST IRON | A48 Class 30 | 1 |
| 193-1 | PLUG | 304 STAINLESS | AISI304 | 1 |
| 193-2 | PLUG | 304 STAINLESS | AISI304 | 1 |
| 200 | LIFTING HANGER | STEEL | A283 Grade D | 1 |
| 280 | ELBOW SUPPORT | STEEL | A283 Grade D | 2 |
| 801 | ROTOR | — | | 1 |
| 802 | STATOR | — | | 1 |
| 811-1 | POWER CABLE | — | | 2 |
| 811-2 | CONTROL CABLE | — | | 1 |
| 814 | MOTOR COVER | CAST IRON | A48 Class 30 | 1 |
| 816-1 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 816-2 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 817 | BRACKET | CAST IRON | A48 Class 30 | 1 |
| 830 | SHAFT | 420J2 STAINLESS | AISI420 | 1 |
| 838-1 | WASHER | 304 STAINLESS | AISI304 | 2 |
| 838-2 | WASHER | 304 STAINLESS | AISI304 | 1 |
| †849-1 | BALL BEARING | — | | 1 SET |
| †849-2 | BALL BEARING | — | | 1 |
| 876 | MOTOR PROTECTOR | — | | 3 |
| 909 | LEAKAGE DETECTOR | — | | 1 |
| 924-1 | PACKING | RUBBER (NBR) | | 2 |
| 924-2 | PACKING | RUBBER (NBR) | | 1 |

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†: Recommended spare parts

*: Option for hard-piped installations