adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

IMPELLER NUMBER: 0189
TYPE: ENCLOSED
THRUST FACTOR: K=2.30
EYE AREA: 3.82 SQ. IN.
WEIGHT: 1.70 LB.

TRIM ANGLE: 20°
Minimum submergence above eye of bottom impeller: 10 IN.

THREADED BOWL DATA

BOWL NUMBER: 0320
BOWL MAX. DIAMETER: 5.500 IN.
BOWL MIN. DIAMETER: 5.250 IN.
MAX. NO. STAGES: 28
ONE STAGE WEIGHT: 45 LB.
ADD STAGE WEIGHT: 12 LB.
STD. SHAFT DIA.: 1.000 IN.
DISCHARGE SIZE: 4 IN.
DISCHARGE CONNECTION: THD
MAX. SPHERE SIZE: 0.375 IN.
MAX. OPERATIONAL P.S.I.: 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
5FMC 3450 RPM

IMPELLER DATA

- IMPELLER NUMBER: 0189
- TYPE: ENCLOSED
- THRUST FACTOR: K=2.30
- EYE AREA: 3.82 SQ. IN.
- WEIGHT: 1.70 LB.

TRIM ANGLE: 20°
Minimum submergence above eye of bottom impeller: 10 IN.

THREADED BOWL DATA

- BOWL NUMBER: 0320
- BOWL MAX. DIAMETER: 5.500 IN.
- BOWL MIN. DIAMETER: 5.250 IN.
- MAX. NO. STAGES: 28
- ONE STAGE WEIGHT: 45 LB.
- ADD STAGE WEIGHT: 12 LB.
- STD. SHAFT DIA.: 1.000 IN.
- DISCHARGE SIZE: 4 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.375 IN.
- MAX. OPERATIONAL P.S.I.: 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**
- **IMPELLER NUMBER**: 6706
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=2.24
- **EYE AREA**: 3.20 SQ. IN.
- **WEIGHT**: 2.15 LB.
- **TRIM ANGLE**: 27°
- **Minimum submergence above eye of bottom impeller**: 10 IN.

**FLANGED BOWL DATA**
- **BOWL NUMBER**: 6616
- **BOWL MAX. DIAMETER**: 5.813 IN.
- **BOWL MIN. DIAMETER**: 5.563 IN.
- **MAX. NO. STAGES**: 26
- **ONE STAGE WEIGHT**: 75 LB.
- **ADD STAGE WEIGHT**: 12 LB.
- **STD. SHAFT DIA.**: 1.000 IN.
- **DISCHARGE SIZE**: 4 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.188 IN.
- **MAX. OPERATIONAL P.S.I.**: 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>TYPE</th>
<th>THRUST FACTOR</th>
<th>EYE AREA</th>
<th>WEIGHT</th>
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<tr>
<td>6706</td>
<td>ENCLOSED</td>
<td>K=2.24</td>
<td>3.20 SQ. IN.</td>
<td>2.15 LB.</td>
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</table>

TRIM ANGLE: 27°
Minimum submergence above eye of bottom impeller: 10 IN.

FLANGED BOWL DATA

<table>
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<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
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<tr>
<td>6616</td>
<td>5.813 IN.</td>
<td>5.563 IN.</td>
<td>26</td>
<td>75 LB.</td>
<td>12 LB.</td>
<td>1.000 IN.</td>
<td>4 IN.</td>
<td>THD</td>
<td>0.188 IN.</td>
<td>360 (SPECIAL)</td>
</tr>
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</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

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<th>IMPELLER NUMBER</th>
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<td>TYPE</td>
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<td>THRUST FACTOR</td>
<td>K=2.24</td>
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<tr>
<td>EYE AREA</td>
<td>3.20 SQ. IN.</td>
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<tr>
<td>WEIGHT</td>
<td>2.15 LB.</td>
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**FLANGED BOWL DATA**

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
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<tr>
<td>BOWL MAX. DIAMETER</td>
<td>5.813 IN.</td>
</tr>
<tr>
<td>BOWL MIN. DIAMETER</td>
<td>5.563 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
<td>26</td>
</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>75 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>12 LB.</td>
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<tr>
<td>STD. SHAFT DIA.</td>
<td>1.000 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>4 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD</td>
</tr>
<tr>
<td>MAX. SPHERE SIZE</td>
<td>0.188 IN.</td>
</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>380 (SPECIAL)</td>
</tr>
</tbody>
</table>

**TURBINE PUMP CURVE**

**ALL BOWLS REQUIRE XP-DRILLING**

- **60 HP - 6FMC 13-STAGE (4.625")**
- **60 HP - 6FMC 12-STAGE (4.688")**
- **60 HP - 6FMC 11-STAGE (4.688")**
- **50 HP - 6FMC 11-STAGE (4.563")**
- **50 HP - 6FMC 10-STAGE (4.688")**
- **50 HP - 6FMC 9-STAGE (4.688")**
- **40 HP - 6FMC 9-STAGE (4.563")**

**Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.**
IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>TYPE</th>
<th>THRUST FACTOR</th>
<th>EYE AREA</th>
<th>WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>6606</td>
<td>ENCLOSED</td>
<td>K=2.24</td>
<td>3.65 SQ. IN.</td>
<td>2.38 LB.</td>
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</table>

TRIM ANGLE: 20°
Minimum submergence above eye of bottom impeller: 10 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
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<tr>
<td>6616</td>
<td>5.813 IN.</td>
<td>5.563 IN.</td>
<td>26</td>
<td>75 LB.</td>
<td>12 LB.</td>
<td>1.000 IN.</td>
<td>4 IN.</td>
<td>THD</td>
<td>0.188 IN.</td>
<td>360 (SPECIAL)</td>
</tr>
</tbody>
</table>

Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

- IMPELLER NUMBER: 6606
- TYPE: ENCLOSED
- THRUST FACTOR: K=2.24
- EYE AREA: 3.65 SQ. IN.
- WEIGHT: 2.38 LB.

- TRIM ANGLE: 20°
- Minimum submergence above eye of bottom impeller: 10 IN.

FLANGED BOWL DATA

- BOWL NUMBER: 6616
- BOWL MAX. DIAMETER: 5.813 IN.
- BOWL MIN. DIAMETER: 5.563 IN.
- MAX. NO. STAGES: 26
- ONE STAGE WEIGHT: 75 LB.
- ADD STAGE WEIGHT: 12 LB.
- STD. SHAFT DIA.: 1.000 IN.
- DISCHARGE SIZE: 4 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.188 IN.
- MAX. OPERATIONAL P.S.I.: 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
6FXC 3450 RPM

IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPPELLER NUMBER</th>
<th>TYPE</th>
<th>THRUST FACTOR</th>
<th>EYE AREA</th>
<th>WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>6909</td>
<td>ENCLOSED</td>
<td>K=2.83</td>
<td>6.88 SQ. IN.</td>
<td>2.15 LB.</td>
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</tbody>
</table>

**TRIM ANGLE:** 30°
Minimum submergence above eye of bottom impeller: 20 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
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<tbody>
<tr>
<td>6819</td>
<td>5.813 IN.</td>
<td>5.563 IN.</td>
<td>21</td>
<td>75 LB.</td>
<td>15 LB.</td>
<td>1.000 IN.</td>
<td>4 IN.</td>
<td>THD</td>
<td>0.500 IN.</td>
<td>360 (SPECIAL)</td>
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Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

| IMPELLER NUMBER | 6909 |
| TYPE            | ENCLOSED |
| THRUST FACTOR   | K=2.83 |
| EYE AREA        | 6.88 SQ. IN. |
| WEIGHT          | 2.15 LB. |

TRIM ANGLE: 30°
Minimum submergence above eye of bottom impeller: 20 IN.

FLANGED BOWL DATA

| BOWL NUMBER   | 6819 |
| BOWL MAX. DIAMETER | 5.813 IN. |
| BOWL MIN. DIAMETER | 5.563 IN. |
| MAX. NO. STAGES | 21 |
| ONE STAGE WEIGHT | 75 LB. |
| ADD STAGE WEIGHT | 15 LB. |
| STD. SHAFT DIA. | 1.000 IN. |
| DISCHARGE SIZE | 4 IN. |
| DISCHARGE CONNECTION | THD |
| MAX. SPHERE SIZE | 0.500 IN. |
| MAX. OPERATIONAL P.S.I. | 360 (SPECIAL) |

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
6FWC 3450 RPM

**IMPELLER DATA**
- IMPELLER NUMBER: 6808
- TYPE: ENCLOSED
- THRUST FACTOR: K=4.13
- EYE AREA: 6.88 SQ. IN.
- WEIGHT: 2.65 LB.
- TRIM ANGLE: 35°
- Minimum submergence above eye of bottom impeller: 10 IN.

**FLANGED BOWL DATA**
- BOWL NUMBER: 6818
- BOWL MAX. DIAMETER: 5.875 IN.
- BOWL MIN. DIAMETER: 5.563 IN.
- MAX. NO. STAGES: 16
- ONE STAGE WEIGHT: 75 LB.
- ADD STAGE WEIGHT: 15 LB.
- STD. SHAFT DIA.: 1.000 IN.
- DISCHARGE SIZE: 4 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.500 IN.
- MAX. OPERATIONAL P.S.I.: 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
6FWC 3450 RPM

IMPELLER DATA

| IMPELLER NUMBER | 6808
| TYPE            | ENCLOSED
| THRUST FACTOR   | K=4.13
| EYE AREA        | 6.88 SQ. IN.
| WEIGHT          | 2.65 LB.
| TRIM ANGLE      | 35°

Minimum submergence above eye of bottom impeller: 10 IN.

FLANGED BOWL DATA

| BOWL NUMBER     | 6818
| BOWL MAX. DIAMETER | 5.875 IN.
| BOWL MIN. DIAMETER | 5.563 IN.
| MAX. NO. STAGES   | 16
| ONE STAGE WEIGHT  | 75 LB.
| ADD STAGE WEIGHT  | 15 LB.
| STD. SHAFT DIA.   | 1.000 IN.
| DISCHARGE SIZE    | 4 IN.
| DISCHARGE CONNECTION | THD
| MAX. SPHERE SIZE  | 0.500 IN.
| MAX. OPERATIONAL P.S.I. | 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

<table>
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<tr>
<th>IMPELLER NUMBER</th>
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<th>THRUST FACTOR</th>
<th>EYE AREA</th>
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<td>6808</td>
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<td>K=4.13</td>
<td>6.88 SQ. IN.</td>
<td>2.65 LB.</td>
</tr>
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</table>

TRIM ANGLE: 35°
Minimum submergence above eye of bottom impeller: 10 IN.

FLANGED BOWL DATA

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<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
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<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
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<tr>
<td>6818</td>
<td>5.875 IN.</td>
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<td>16</td>
<td>75 LB.</td>
<td>15 LB.</td>
<td>1.000 IN.</td>
<td>4 IN.</td>
<td>THD</td>
<td>0.500 IN.</td>
<td>360 (SPECIAL)</td>
</tr>
</tbody>
</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**
- IMPPELLER NUMBER: 6414
- TYPE: ENCLOSED
- THRUST FACTOR: K = 4.10
- EYE AREA: 7.51 SQ. IN.
- WEIGHT: 2.35 LB.

**TRIM ANGLE**: 30°

Minimum submergence above eye of bottom impeller: 20 IN.

**FLANGED BOWL DATA**
- BOWL NUMBER: 6618
- BOWL MAX. DIAMETER: 5.875 IN.
- BOWL MIN. DIAMETER: 5.563 IN.
- MAX. NO. STAGES: 14
- ONE STAGE WEIGHT: 75 LB.
- ADD STAGE WEIGHT: 15 LB.
- STD. SHAFT DIA.: 1.000 IN.
- DISCHARGE SIZE: 4 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.500 IN.
- MAX. OPERATIONAL P.S.I.: 360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

- **IMPELLER NUMBER**: 6414
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=4.10
- **EYE AREA**: 7.51 SQ. IN.
- **WEIGHT**: 2.35 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 6618
- **BOWL MAX. DIAMETER**: 5.875 IN.
- **BOWL MIN. DIAMETER**: 5.563 IN.
- **MAX. NO. STAGES**: 14
- **ONE STAGE WEIGHT**: 75 LB.
- **ADD STAGE WEIGHT**: 15 LB.
- **STD. SHAFT DIA.**: 1.000 IN.
- **DISCHARGE SIZE**: 4 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.500 IN.
- **MAX. OPERATIONAL P.S.I.**: 360 (SPECIAL)

**Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.**
IMPELLER DATA

IMPELLER NUMBER  6414
TYPE            ENCLOSED
THRUST FACTOR   K=4.10
EYE AREA        7.51 SQ. IN.
WEIGHT          2.35 LB.
TRIM ANGLE:  30°
Minimum submergence above eye of bottom impeller: 20 IN.

FLANGED BOWL DATA

BOWL NUMBER  6618
BOWL MAX. DIAMETER  5.875 IN.
BOWL MIN. DIAMETER  5.563 IN.
MAX. NO. STAGES  14
ONE STAGE WEIGHT  75 LB.
ADD STAGE WEIGHT  15 LB.
STD. SHAFT DIA.  1.000 IN.
DISCHARGE SIZE  4 IN.
DISCHARGE CONNECTION THD
MAX. SPHERE SIZE  0.500 IN.
MAX. OPERATIONAL P.S.I.  360 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA
- IMPPELLER NUMBER: 7647
- TYPE: ENCLOSED
- THRUST FACTOR: K=4.50
- EYE AREA: 11.3 SQ. IN.
- WEIGHT: 5.00 LB.
- TRIM ANGLE: 18°
- Minimum submergence above eye of bottom impeller: 18 IN.

FLANGED BOWL DATA
- BOWL NUMBER: 6947
- BOWL MAX. DIAMETER: 7.313 IN.
- BOWL MIN. DIAMETER: 7.125 IN.
- MAX. NO. STAGES: 15
- ONE STAGE WEIGHT: 102 LB.
- ADD STAGE WEIGHT: 37 LB.
- STD. SHAFT DIA.: 1.188 IN.
- DISCHARGE SIZE: 5 - 6 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.750 IN.
- MAX. OPERATIONAL P.S.I.: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
7FMC 3450 RPM

**IMPPELLER DATA**
- **IMPELLER NUMBER**: 7647
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=4.50
- **EYE AREA**: 11.3 SQ. IN.
- **WEIGHT**: 5.00 LB.

**FLANGED BOWL DATA**
- **BOWL NUMBER**: 6947
- **BOWL MAX. DIAMETER**: 7.313 IN.
- **BOWL MIN. DIAMETER**: 7.125 IN.
- **MAX. NO. STAGES**: 15
- **ONE STAGE WEIGHT**: 102 LB.
- **ADD STAGE WEIGHT**: 37 LB.
- **STD. SHAFT DIA.**: 1.188 IN.
- **DISCHARGE SIZE**: 5 - 6 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.750 IN.
- **MAX. OPERATIONAL P.S.I.**: 692 (SPECIAL)

**TRIM ANGLE**: 18°

Minimum submergence above eye of bottom impeller: 18 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

IMPELLER NUMBER 7647
TYPE ENCLOSED
THRUST FACTOR K=4.50
EYE AREA 11.3 SQ. IN.
WEIGHT 5.00 LB.

TRIM ANGLE: 18°
Minimum submergence above eye of bottom impeller: 18 IN.

ALL BOWLS REQUIRE XP-DRILLING

FLANGED BOWL DATA

BOWL NUMBER 6947
BOWL MAX. DIAMETER 7.313 IN.
BOWL MIN. DIAMETER 7.125 IN.
MAX. NO. STAGES 15
ONE STAGE WEIGHT 102 LB.
ADD STAGE WEIGHT 37 LB.
STD. SHAFT DIA. 1.188 IN.
DISCHARGE SIZE 5 - 6 IN.
DISCHARGE CONNECTION THD
MAX. SPHERE SIZE 0.750 IN.
MAX. OPERATIONAL P.S.I. 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

- Impeller Number: 7656
- Type: Enclosed
- Thrust Factor: K=4.56
- Eye Area: 11.3 SQ. IN.
- Weight: 5.25 LB.
- Trim Angle: 18°

Minimum submergence above eye of bottom impeller: 18 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

FLANGED BOWL DATA

- Bowl Number: 6947
- Bowl Max. Diameter: 7.313 IN.
- Bowl Min. Diameter: 7.125 IN.
- Max. No. Stages: 13
- One Stage Weight: 102 LB.
- Add Stage Weight: 37 LB.
- Std. Shaft Dia.: 1.188 IN.
- Discharge Size: 5 - 6 IN.
- Discharge Connection: THD
- Max. Sphere Size: 0.750 IN.
- Max. Operational P.S.I.: 692 (Special)
Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
7FHC 3450 RPM

**IMPELLER DATA**

- **IMPELLER NUMBER**: 7656
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=4.56
- **EYE AREA**: 11.3 SQ. IN.
- **WEIGHT**: 5.25 LB.

**TRIM ANGLE**: 18°

Minimum submergence above eye of bottom impeller: 18 IN.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 6947
- **BOWL MAX. DIAMETER**: 7.313 IN.
- **BOWL MIN. DIAMETER**: 7.125 IN.
- **MAX. NO. STAGES**: 13
- **ONE STAGE WEIGHT**: 102 LB.
- **ADD STAGE WEIGHT**: 37 LB.
- **STD. SHAFT DIA.**: 1.188 IN.
- **DISCHARGE SIZE**: 5 - 6 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.750 IN.
- **MAX. OPERATIONAL P.S.I.**: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

- **IMPELLER NUMBER**: 3628
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=2.98
- **EYE AREA**: 3.65 SQ. IN.
- **WEIGHT**: 5.75 LB.

**TRIM ANGLE**: 0°

Minimum submergence above eye of bottom impeller: 18 IN.

FLANGED BOWL DATA

- **BOWL NUMBER**: 3629
- **BOWL MAX. DIAMETER**: 7.813 IN.
- **BOWL MIN. DIAMETER**: 7.500 IN.
- **MAX. NO. STAGES**: 15
- **ONE STAGE WEIGHT**: 130 LB.
- **ADD STAGE WEIGHT**: 30 LB.
- **STD. SHAFT DIA.**: 1.000 IN.
- **DISCHARGE SIZE**: 5 - 6 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.250 IN.
- **MAX. OPERATIONAL P.S.I.**: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

- **IMPELLER NUMBER**: 3628
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=2.98
- **EYE AREA**: 3.65 SQ. IN.
- **WEIGHT**: 5.75 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 3629
- **BOWL MAX. DIAMETER**: 7.813 IN.
- **BOWL MIN. DIAMETER**: 7.500 IN.
- **MAX. NO. STAGES**: 15
- **ONE STAGE WEIGHT**: 130 LB.
- **ADD STAGE WEIGHT**: 30 LB.
- **STD. SHAFT DIA.**: 1.000 IN.
- **DISCHARGE SIZE**: 5 - 6 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.250 IN.
- **MAX. OPERATIONAL P.S.I.**: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA
- IMPELLER NUMBER: 3630
- TYPE: ENCLOSED
- THRUST FACTOR: K = 2.98
- EYE AREA: 4.64 SQ. IN.
- WEIGHT: 5.75 LB.
- TRIM ANGLE: 0°

Minimum submergence above eye of bottom impeller: 18 IN.

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

FLANGED BOWL DATA
- BOWL NUMBER: 3629
- BOWL MAX. DIAMETER: 7.813 IN.
- BOWL MIN. DIAMETER: 7.500 IN.
- MAX. NO. STAGES: 12
- ONE STAGE WEIGHT: 130 LB.
- ADD STAGE WEIGHT: 30 LB.
- STD. SHAFT DIA.: 1.000 IN.
- DISCHARGE SIZE: 5 - 6 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.250 IN.
- MAX. OPERATIONAL P.S.I.: 692 (SPECIAL)

8FLC 3450 RPM

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>THRUST FACTOR</th>
<th>EYE AREA</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3630</td>
<td>K=2.98</td>
<td>4.64 SQ. IN.</td>
<td>5.75 LB.</td>
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</tbody>
</table>

TRIM ANGLE: 0°

Minimum submergence above eye of bottom impeller: 18 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
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<td>7.813 IN.</td>
<td>7.500 IN.</td>
<td>12</td>
<td>130 LB.</td>
<td>30 LB.</td>
<td>1.000 IN.</td>
<td>5 - 6 IN.</td>
<td>THD</td>
<td>0.250 IN.</td>
<td>692 (SPECIAL)</td>
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Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
8FKC 3450 RPM

**IMPELLER DATA**
- IMPPELLER NUMBER: 3680
- TYPE: ENCLOSED
- THRUST FACTOR: K=3.93
- EYE AREA: 5.72 SQ. IN.
- WEIGHT: 5.50 LB.
- TRIM ANGLE: 18°
- Minimum submergence above eye of bottom impeller: 18 IN.

**FLANGED BOWL DATA**
- BOWL NUMBER: 3591
- BOWL MAX. DIAMETER: 7.938 IN.
- BOWL MIN. DIAMETER: 7.500 IN.
- MAX. NO. STAGES: 10
- ONE STAGE WEIGHT: 130 LB.
- ADD STAGE WEIGHT: 30 LB.
- STD. SHAFT DIA.: 1.000 IN.
- DISCHARGE SIZE: 5 - 6 IN.
- DISCHARGE CONNECTION: THD
- MAX. SPHERE SIZE: 0.375 IN.
- MAX. OPERATIONAL P.S.I.: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
8FKC 3450 RPM

- 125 HP - 8FKC 9-STAGE (6.313")
- 100 HP - 8FKC 9-STAGE (6.250")
- 100 HP - 8FKC 8-STAGE (6.313")
- 100 HP - 8FKC 7-STAGE (6.313")
- 100 HP - 8FKC 7-STAGE (6.125")
- 75 HP - 8FKC 6-STAGE (6.313")
- 60 HP - 8FKC 6-STAGE (5.938")
- 60 HP - 8FKC 5-STAGE (6.313")
- 50 HP - 8FKC 5-STAGE (5.938")
- 50 HP - 8FKC 4-STAGE (6.313")

**IMPELLER DATA**

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<tr>
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</tr>
<tr>
<td>EYE AREA</td>
<td>5.72 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>5.50 LB.</td>
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**FLANGED BOWL DATA**

<table>
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<th>BOWL NUMBER</th>
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<td>BOWL MAX. DIAMETER</td>
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<tr>
<td>BOWL MIN. DIAMETER</td>
<td>7.500 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
<td>10</td>
</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>130 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>30 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.000 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>5 - 6 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD</td>
</tr>
<tr>
<td>MAX. SPHERE SIZE</td>
<td>0.375 IN.</td>
</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>692 (SPECIAL)</td>
</tr>
</tbody>
</table>

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>TYPE</th>
<th>THRUST FACTOR</th>
<th>EYE AREA</th>
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</thead>
<tbody>
<tr>
<td>3589</td>
<td>ENCLOSED</td>
<td>K=3.93</td>
<td>6.50 SQ. IN.</td>
<td>5.00 LB.</td>
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</table>

TRIM ANGLE: 27.5°
Minimum submergence above eye of bottom impeller: 22 IN.

**FLANGED BOWL DATA**

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3591</td>
<td>7.938 IN.</td>
<td>7.500 IN.</td>
<td>8</td>
<td>130 LB.</td>
<td>30 LB.</td>
<td>1.000 IN.</td>
<td>5 - 6 IN.</td>
<td>THD</td>
<td>0.375 IN.</td>
<td>692 (SPECIAL)</td>
</tr>
</tbody>
</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

- **IMPELLER NUMBER**: 3589
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=3.93
- **EYE AREA**: 6.50 SQ. IN.
- **WEIGHT**: 5.00 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 3591
- **BOWL MAX. DIAMETER**: 7.938 IN.
- **BOWL MIN. DIAMETER**: 7.500 IN.
- **MAX. NO. STAGES**: 8
- **ONE STAGE WEIGHT**: 130 LB.
- **ADD STAGE WEIGHT**: 30 LB.
- **STD. SHAFT DIA.**: 1.000 IN.
- **DISCHARGE SIZE**: 5 - 6 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.375 IN.
- **MAX. OPERATIONAL P.S.I.**: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
8FEHC 3450 RPM

**IMPELLER DATA**

- **IMPELLER NUMBER**: 2798
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=5.40
- **EYE AREA**: 8.33 SQ. IN.
- **WEIGHT**: 5.00 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 2883
- **BOWL MAX. DIAMETER**: 7.938 IN.
- **BOWL MIN. DIAMETER**: 7.500 IN.
- **MAX. NO. STAGES**: 5
- **ONE STAGE WEIGHT**: 130 LB.
- **ADD STAGE WEIGHT**: 30 LB.
- **STD. SHAFT Dia.**: 1.188 IN.
- **DISCHARGE SIZE**: 5 - 6 IN.
- **DISCHARGE CONNECTION**: THD
- **MAX. SPHERE SIZE**: 0.625 IN.
- **MAX. OPERATIONAL P.S.I.**: 692 (SPECIAL)

**TRIM ANGLE**: 29.5°

Minimum submergence above eye of bottom impeller: 22 IN.

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

IMPELLER NUMBER: 2798
TYPE: ENCLOSED
THRUST FACTOR: K=5.40
EYE AREA: 8.33 SQ. IN.
WEIGHT: 5.00 LB.

TRIM ANGLE: 29.5°
Minimum submergence above eye of bottom impeller: 22 IN.

FLANGED BOWL DATA

BOWL NUMBER: 2883
BOWL MAX. DIAMETER: 7.938 IN.
BOWL MIN. DIAMETER: 7.500 IN.
MAX. NO. STAGES: 5
ONE STAGE WEIGHT: 130 LB.
ADD STAGE WEIGHT: 30 LB.
STD. SHAFT DIA.: 1.188 IN.
DISCHARGE SIZE: 5 - 6 IN.
DISCHARGE CONNECTION: THD
MAX. SPHERE SIZE: 0.625 IN.
MAX. OPERATIONAL P.S.I.: 692 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
8FYC 3450 RPM

Head - ft

Efficiency - %

US gpm

NPSHr - ft

IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>5502</th>
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<tbody>
<tr>
<td>TYPE</td>
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<tr>
<td>THRUST FACTOR</td>
<td>K=8.00</td>
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<tr>
<td>EYE AREA</td>
<td>15.9 SQ. IN.</td>
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<tr>
<td>WEIGHT</td>
<td>5.25 LB.</td>
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</table>

TRIM ANGLE: 37°

Minimum submergence above eye of bottom impeller: 28 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>5503</th>
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</thead>
<tbody>
<tr>
<td>BOWL MAX. DIAMETER</td>
<td>7.938 IN.</td>
</tr>
<tr>
<td>BOWL MIN. DIAMETER</td>
<td>7.500 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
<td>9</td>
</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>139 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>39 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.188 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>5 - 6 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD</td>
</tr>
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<td>MAX. SPHERE SIZE</td>
<td>1.125 IN.</td>
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<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>692 (SPECIAL)</td>
</tr>
</tbody>
</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
8FYC 3450 RPM

IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPPELLER NUMBER</th>
<th>TYPE</th>
<th>THRUST FACTOR</th>
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<th>WEIGHT</th>
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<td>5502</td>
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<td>5.25 LB.</td>
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</tbody>
</table>

TRIM ANGLE: 37°
Minimum submergence above eye of bottom impeller: 28 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
<th>MAX. OPERATIONAL P.S.I.</th>
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<tbody>
<tr>
<td>5503</td>
<td>7.938 IN.</td>
<td>7.500 IN.</td>
<td>9</td>
<td>139 LB.</td>
<td>39 LB.</td>
<td>1.188 IN.</td>
<td>5 - 6 IN.</td>
<td>THD</td>
<td>1.125 IN.</td>
<td>692 (SPECIAL)</td>
</tr>
</tbody>
</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

- IMPELLER NUMBER: 7747
- TYPE: ENCLOSED
- THRUST FACTOR: K=4.90
- EYE AREA: 12.4 SQ. IN.
- WEIGHT: 8.20 LB.

TRIM ANGLE: 17°

Minimum submergence above eye of bottom impeller: 30 IN.

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

- **IMPELLER NUMBER**: 7747
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=4.90
- **EYE AREA**: 12.4 SQ. IN.
- **WEIGHT**: 8.20 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 7038
- **BOWL MAX. DIAMETER**: 9.438 IN.
- **BOWL MIN. DIAMETER**: 9.250 IN.
- **MAX. NO. STAGES**: 12
- **ONE STAGE WEIGHT**: 145 LB.
- **ADD STAGE WEIGHT**: 50 LB.
- **STD. SHAFT DIA.**: 1.500 IN.
- **DISCHARGE SIZE**: 6 - 8 IN.
- **DISCHARGE CONNECTION**: THD - FLG
- **MAX. SPHERE SIZE**: 0.750 IN.
- **MAX. OPERATIONAL P.S.I.**: 595 (SPECIAL)

**Minimum submergence above eye of bottom impeller**: 30 IN.

Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

- IMPPELLER NUMBER: 7756
- TYPE: ENCLOSED
- THRUST FACTOR: K=3.10
- EYE AREA: 12.4 SQ. IN.
- WEIGHT: 8.20 LB.

TRIM ANGLE: 17°
Minimum submergence above eye of bottom impeller: 30 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

FLANGED BOWL DATA

- BOWL NUMBER: 7038
- BOWL MAX. DIAMETER: 9.438 IN.
- BOWL MIN. DIAMETER: 9.250 IN.
- MAX. NO. STAGES: 9
- ONE STAGE WEIGHT: 145 LB.
- ADD STAGE WEIGHT: 50 LB.
- STD. SHAFT DIA.: 1.500 IN.
- DISCHARGE SIZE: 6 - 8 IN.
- DISCHARGE CONNECTION: THD - FLG
- MAX. SPHERE SIZE: 0.750 IN.
- MAX. OPERATIONAL P.S.I.: 595 (SPECIAL)
9FHC 3450 RPM

IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>TYPE</th>
<th>THRUST FACTOR</th>
<th>EYE AREA</th>
<th>WEIGHT</th>
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TRIM ANGLE: 17°

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA

<table>
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<tr>
<th>BOWL NUMBER</th>
<th>BOWL MAX. DIAMETER</th>
<th>BOWL MIN. DIAMETER</th>
<th>MAX. NO. STAGES</th>
<th>ONE STAGE WEIGHT</th>
<th>ADD STAGE WEIGHT</th>
<th>STD. SHAFT DIA.</th>
<th>DISCHARGE SIZE</th>
<th>DISCHARGE CONNECTION</th>
<th>MAX. SPHERE SIZE</th>
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<tr>
<td>7038</td>
<td>9.438 IN.</td>
<td>9.250 IN.</td>
<td>9</td>
<td>145 LB.</td>
<td>50 LB.</td>
<td>1.500 IN.</td>
<td>6 - 8 IN.</td>
<td>THD - FLG</td>
<td>0.750 IN.</td>
<td>595 (SPECIAL)</td>
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Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
10FJC 3450 RPM

IMPELLER DATA

<table>
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<tbody>
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<td>TYPE</td>
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<td>THRUST FACTOR</td>
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<tr>
<td>EYE AREA</td>
<td>7.89 SQ. IN.</td>
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<tr>
<td>WEIGHT</td>
<td>9.25 LB.</td>
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</table>

TRIM ANGLE: 25.5°

Minimum submergence above eye of bottom impeller: 32 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
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<tr>
<td>BOWL MAX. DIAMETER</td>
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<tr>
<td>BOWL MIN. DIAMETER</td>
<td>9.500 IN.</td>
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<td>ONE STAGE WEIGHT</td>
<td>230 LB.</td>
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<td>ADD STAGE WEIGHT</td>
<td>55 LB.</td>
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<tr>
<td>STD. SHAFT DIA.</td>
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</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>6 - 8 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD - FLG</td>
</tr>
<tr>
<td>MAX. SPHERE SIZE</td>
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</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
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Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
10FJC 3450 RPM

IMPELLER DATA

<table>
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<tr>
<td>THRUST FACTOR</td>
<td>K=3.98</td>
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<tr>
<td>EYE AREA</td>
<td>7.89 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>9.25 LB.</td>
</tr>
</tbody>
</table>

TRIM ANGLE: 25.5°

Minimum submergence above eye of bottom impeller: 32 IN.

BOWL NUMBER  3096
BOWL MAX. DIAMETER  9.875 IN.
BOWL MIN. DIAMETER  9.500 IN.
MAX. NO. STAGES  13
ONE STAGE WEIGHT  230 LB.
ADD STAGE WEIGHT  55 LB.
STD. SHAFT DIA.  1.500 IN.
DISCHARGE SIZE  6 - 8 IN.
DISCHARGE CONNECTION  THD - FLG
MAX. SPHERE SIZE  0.500 IN.
MAX. OPERATIONAL P.S.I.  595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
10FKC 3450 RPM

**IMPELLER DATA**
- IMPELLER NUMBER: 3095
- TYPE: ENCLOSED
- THRUST FACTOR: K=4.20
- EYE AREA: 7.89 SQ. IN.
- WEIGHT: 9.50 LB.
- TRIM ANGLE: 25.5°

**FLANGED BOWL DATA**
- BOWL NUMBER: 3096
- BOWL MAX. DIAMETER: 9.875 IN.
- BOWL MIN. DIAMETER: 9.500 IN.
- MAX. NO. STAGES: 9
- ONE STAGE WEIGHT: 230 LB.
- ADD STAGE WEIGHT: 55 LB.
- STD. SHAFT DIA.: 1.500 IN.
- DISCHARGE SIZE: 6 - 8 IN.
- DISCHARGE CONNECTION: THD - FLG
- MAX. SPHERE SIZE: 0.438 IN.
- MAX. OPERATIONAL P.S.I.: 595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**10FKC 3450 RPM**

**IMPELLER DATA**
- IMPELLER NUMBER: 3095
- TYPE: ENCLOSED
- THRUST FACTOR: $K = 4.20$
- EYE AREA: 7.89 SQ. IN.
- WEIGHT: 9.50 LB.
- Minimum submergence above eye of bottom impeller: 32 IN.
- TRIM ANGLE: 25.5°

**FLANGED BOWL DATA**
- BOWL NUMBER: 3096
- BOWL MAX. DIAMETER: 9.875 IN.
- BOWL MIN. DIAMETER: 9.50 IN.
- MAX. NO. STAGES: 9
- ONE STAGE WEIGHT: 230 LB.
- ADD STAGE WEIGHT: 55 LB.
- STD. SHAFT DIA.: 1.500 IN.
- DISCHARGE SIZE: 6 - 8 IN.
- DISCHARGE CONNECTION: THD - FLG
- MAX. SPHERE SIZE: 0.438 IN.
- MAX. OPERATIONAL P.S.I. (SPECIAL): 595

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
10FLC 3450 RPM

**IMPELLER DATA**
- **IMPELLER NUMBER**: 3012
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=6.60
- **EYE AREA**: 10.2 SQ. IN.
- **WEIGHT**: 9.75 LB.
- **TRIM ANGLE**: 20°
- Minimum submergence above eye of bottom impeller: 36 IN.

**FLANGED BOWL DATA**
- **BOWL NUMBER**: 3098
- **BOWL MAX. DIAMETER**: 9.500 IN.
- **BOWL MIN. DIAMETER**: 9.250 IN.
- **MAX. NO. STAGES**: 13
- **ONE STAGE WEIGHT**: 230 LB.
- **ADD STAGE WEIGHT**: 55 LB.
- **STD. SHAFT DIA.**: 1.500 IN.
- **DISCHARGE SIZE**: 6 - 8 IN.
- **DISCHARGE CONNECTION**: THD - FLG
- **MAX. SPHERE SIZE**: 0.500 IN.
- **MAX. OPERATIONAL P.S.I.**: 595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
10FLC 3450 RPM

ALL BOWLS REQUIRE XP-DRILLING

200 HP - 10FLC 4-STAGE (7.688°)

Head - ft

Efficiency - %

NPSHr - ft

US gpm

IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
<th>3012</th>
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<tbody>
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<tr>
<td>THRUST FACTOR</td>
<td>K=6.60</td>
</tr>
<tr>
<td>EYE AREA</td>
<td>10.2 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>9.75 LB.</td>
</tr>
<tr>
<td>TRIM ANGLE:</td>
<td>20°</td>
</tr>
<tr>
<td>Minimum submergence above eye of bottom impeller: 36 IN.</td>
<td></td>
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</tbody>
</table>

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
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<tbody>
<tr>
<td>BOWL MAX. DIAMETER</td>
<td>9.500 IN.</td>
</tr>
<tr>
<td>BOWL MIN. DIAMETER</td>
<td>9.250 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
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</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>230 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>55 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.500 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>6 - 8 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD - FLG</td>
</tr>
<tr>
<td>MAX. SPHERE SIZE</td>
<td>0.500 IN.</td>
</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>595 (SPECIAL)</td>
</tr>
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</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

- **IMPELLER NUMBER**: 3097
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=6.60
- **EYE AREA**: 11.7 SQ. IN.
- **WEIGHT**: 8.50 LB.

**TRIM ANGLE**: 26°

Minimum submergence above eye of bottom impeller: 36 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
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<tr>
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</tr>
<tr>
<td>EYE AREA</td>
<td>11.7 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>8.50 LB.</td>
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</tbody>
</table>

TRIM ANGLE: 26°
Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BOWL MAX. DIAMETER</td>
<td>9.500 IN.</td>
</tr>
<tr>
<td>BOWL MIN. DIAMETER</td>
<td>9.250 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
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</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>230 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>55 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.500 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>6 - 8 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD - FLG</td>
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<tr>
<td>MAX. SPHERE SIZE</td>
<td>0.625 IN.</td>
</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>595 (SPECIAL)</td>
</tr>
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</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

IMPELLER NUMBER: 2967
TYPE: ENCLOSED
THRUST FACTOR: K=8.10
EYE AREA: 14.9 SQ. IN.
WEIGHT: 8.50 LB.

TRIM ANGLE: 27°
Minimum submergence above eye of bottom impeller: 39 IN.

FLANGED BOWL DATA

BOWL NUMBER: 2968
BOWL MAX. DIAMETER: 9.500 IN.
BOWL MIN. DIAMETER: 9.250 IN.
MAX. NO. STAGES: 7
ONE STAGE WEIGHT: 230 LB.
ADD STAGE WEIGHT: 55 LB.
STD. SHAFT DIA.: 1.500 IN.
DISCHARGE SIZE: 6 - 8 IN.
DISCHARGE CONNECTION: THD - FLG
MAX. SPHERE SIZE: 0.500 IN.
MAX. OPERATIONAL P.S.I.: 595 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

- **IMPELLER NUMBER**: 3577
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=10.30
- **EYE AREA**: 19.4 SQ. IN.
- **WEIGHT**: 11.50 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 3451
- **BOWL MAX. DIAMETER**: 9.875 IN.
- **BOWL MIN. DIAMETER**: 9.500 IN.
- **MAX. NO. STAGES**: 7
- **ONE STAGE WEIGHT**: 230 LB.
- **ADD STAGE WEIGHT**: 60 LB.
- **STD. SHAFT DIA.**: 1.688 IN.
- **DISCHARGE SIZE**: 6 - 8 IN.
- **DISCHARGE CONNECTION**: THD - FLG
- **MAX. SPHERE SIZE**: 0.875 IN.
- **MAX. OPERATIONAL P.S.I.**: 455 (SPECIAL)

Minimum submergence above eye of bottom impeller: 28 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

<table>
<thead>
<tr>
<th>IMPELLER NUMBER</th>
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<tbody>
<tr>
<td>TYPE</td>
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<tr>
<td>THRUST FACTOR</td>
<td>K=10.30</td>
</tr>
<tr>
<td>EYE AREA</td>
<td>19.4 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>11.50 LB.</td>
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**FLANGED BOWL DATA**

<table>
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<th>3451</th>
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<tbody>
<tr>
<td>BOWL MAX. DIAMETER</td>
<td>9.875 IN.</td>
</tr>
<tr>
<td>BOWL MIN. DIAMETER</td>
<td>9.500 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
<td>7</td>
</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>230 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>60 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.688 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>6 - 8 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD - FLG</td>
</tr>
<tr>
<td>MAX. SPHERE SIZE</td>
<td>0.875 IN.</td>
</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>455 (SPECIAL)</td>
</tr>
</tbody>
</table>

**Performance**

- Head: 0 - 1000 ft
- NPSHr: 0 - 500 ft
- US gpm: 0 - 2500
- Efficiency: 20% - 90%

**Submersible Performance**

- Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

**Note:**

- 300 HP - 10FWC 4-STAGE (8.188")
- 250 HP - 10FWC 4-STAGE (8.063")
IMPELLER DATA

IMPELLER NUMBER  3540  TRIM ANGLE:  33.25°
TYPE  ENCLOSED  Minimum submergence above
THRUST FACTOR  K=10.30  eye of bottom impeller:  40 IN.
EYE AREA  19.4 SQ. IN.  
WEIGHT  11.00 LB.  

FLANGED BOWL DATA

BOWL NUMBER  3541  
BOWL MAX. DIAMETER  9.875 IN.  
BOWL MIN. DIAMETER  9.500 IN.  
MAX. NO. STAGES  8  
ONE STAGE WEIGHT  250 LB.  
ADD STAGE WEIGHT  60 LB.  
STD. SHAFT DIA.  1.688 IN.  
DISCHARGE SIZE  6 - 8 IN.  
DISCHARGE CONNECTION THD - FLG  
MAX. SPHERE SIZE  0.875 IN.  
MAX. OPERATIONAL P.S.I.  455 (SPECIAL)  

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

<table>
<thead>
<tr>
<th>IMPPELLER NUMBER</th>
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<tbody>
<tr>
<td>TYPE</td>
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<tr>
<td>THRUST FACTOR</td>
<td>K=10.30</td>
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<tr>
<td>EYE AREA</td>
<td>19.4 SQ. IN.</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>11.00 LB.</td>
</tr>
</tbody>
</table>

TRIM ANGLE: 33.25°

Minimum submergence above eye of bottom impeller: 40 IN.

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
<th>3541</th>
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<tbody>
<tr>
<td>BOWL MAX. DIAMETER</td>
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<tr>
<td>BOWL MIN. DIAMETER</td>
<td>9.500 IN.</td>
</tr>
<tr>
<td>MAX. NO. STAGES</td>
<td>8</td>
</tr>
<tr>
<td>ONE STAGE WEIGHT</td>
<td>250 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>60 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.688 IN.</td>
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<tr>
<td>DISCHARGE SIZE</td>
<td>6 - 8 IN.</td>
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<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD - FLG</td>
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<tr>
<td>MAX. SPHERE SIZE</td>
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</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>455 (SPECIAL)</td>
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</tbody>
</table>

300 HP - 10FYC 4-STAGE (8.125")

250 HP - 10FYC 4-STAGE (7.093")
IMPELLER DATA

IMPELLER NUMBER: 0183
TYPE: ENCLOSED
THRUST FACTOR: K=7.90
EYE AREA: 17.7 SQ. IN.
WEIGHT: 13.30 LB.

TRIM ANGLE: 23°
Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA

BOWL NUMBER: 0201
BOWL MAX. DIAMETER: 11.188 IN.
BOWL MIN. DIAMETER: 11.000 IN.
MAX. NO. STAGES: 25
ONE STAGE WEIGHT: 235 LB.
ADD STAGE WEIGHT: 105 LB.
STD. SHAFT DIA.: 1.688 IN.
DISCHARGE SIZE: 8 IN.
DISCHARGE CONNECTION: THD - FLG
MAX. SPHERE SIZE: 0.750 IN.
MAX. OPERATIONAL P.S.I.: 380 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

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<td>THRUST FACTOR</td>
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<tr>
<td>EYE AREA</td>
<td>17.7 SQ. IN.</td>
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<tr>
<td>WEIGHT</td>
<td>13.30 LB.</td>
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</table>

TRIM ANGLE: 23°
Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA

<table>
<thead>
<tr>
<th>BOWL NUMBER</th>
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<tr>
<td>BOWL MAX. DIAMETER</td>
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<tr>
<td>BOWL MIN. DIAMETER</td>
<td>11.000 IN.</td>
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<tr>
<td>MAX. NO. STAGES</td>
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<tr>
<td>ONE STAGE WEIGHT</td>
<td>235 LB.</td>
</tr>
<tr>
<td>ADD STAGE WEIGHT</td>
<td>105 LB.</td>
</tr>
<tr>
<td>STD. SHAFT DIA.</td>
<td>1.688 IN.</td>
</tr>
<tr>
<td>DISCHARGE SIZE</td>
<td>8 IN.</td>
</tr>
<tr>
<td>DISCHARGE CONNECTION</td>
<td>THD - FLG</td>
</tr>
<tr>
<td>MAX. SPHERE SIZE</td>
<td>0.750 IN.</td>
</tr>
<tr>
<td>MAX. OPERATIONAL P.S.I.</td>
<td>380 (SPECIAL)</td>
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</table>

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
11FMC 3450 RPM

**IMPELLER DATA**
- IMPPELLER NUMBER: 0184
- TYPE: ENCLOSED
- THRUST FACTOR: K=7.80
- EYE AREA: 17.7 SQ. IN.
- WEIGHT: 13.30 LB.

**FLANGED BOWL DATA**
- BOWL NUMBER: 0201
- BOWL MAX. DIAMETER: 11.188 IN.
- BOWL MIN. DIAMETER: 11.000 IN.
- MAX. NO. STAGES: 22
- ONE STAGE WEIGHT: 235 LB.
- ADD STAGE WEIGHT: 105 LB.
- STD. SHAFT DIA.: 1.688 IN.
- DISCHARGE SIZE: 8 IN.
- DISCHARGE CONNECTION: THD - FLG
- MAX. SPHERE SIZE: 0.750 IN.
- MAX. OPERATIONAL P.S.I.: 380 (SPECIAL)

**Performance**

- Adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

- Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged.
11FMC 3450 RPM

IMPELLER DATA
- IMPELLER NUMBER: 0184
- TYPE: ENCLOSED
- THRUST FACTOR: K=7.80
- EYE AREA: 17.7 SQ. IN.
- WEIGHT: 13.30 LB.
- Minimum submergence above eye of bottom impeller: 30 IN.

TRIM ANGLE: 23°

BOWL DATA
- BOWL NUMBER: 0201
- BOWL MAX. DIAMETER: 11.188 IN.
- BOWL MIN. DIAMETER: 11.000 IN.
- MAX. NO. STAGES: 22
- ONE STAGE WEIGHT: 235 LB.
- ADD STAGE WEIGHT: 105 LB.
- STD. SHAFT DIA.: 1.688 IN.
- DISCHARGE SIZE: 8 IN.
- DISCHARGE CONNECTION: THD - FLG
- MAX. SPHERE SIZE: 0.750 IN.
- MAX. OPERATIONAL P.S.I: 380 (SPECIAL)

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
IMPELLER DATA

<table>
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<tr>
<td>Eye Area</td>
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<tr>
<td>Weight</td>
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TRIM ANGLE: 23°
Minimum submergence above eye of bottom impeller: 30 IN.

Performance based on pumping clear, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.
**IMPELLER DATA**

- **IMPELLER NUMBER**: 0185
- **TYPE**: ENCLOSED
- **THRUST FACTOR**: K=7.40
- **EYE AREA**: 17.7 SQ. IN.
- **WEIGHT**: 13.30 LB.

**FLANGED BOWL DATA**

- **BOWL NUMBER**: 0201
- **BOWL MAX. DIAMETER**: 11.188 IN.
- **BOWL MIN. DIAMETER**: 11.000 IN.
- **MAX. NO. STAGES**: 18
- **ONE STAGE WEIGHT**: 235 LB.
- **ADD STAGE WEIGHT**: 105 LB.
- **STD. SHAFT DIA.**: 1.688 IN.
- **DISCHARGE SIZE**: 8 IN.
- **DISCHARGE CONNECTION**: THD - FLG
- **MAX. SPHERE SIZE**: 0.750 IN.
- **MAX. OPERATIONAL P.S.I.**: 380 (SPECIAL)

---

Performance based on pumping clear, fresh water at a temperature not over 85° F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.