Lineshaft and Submersible Turbine Pump Curves

1200 RPM CURVES - 60 CYCLE PERFORMANCE
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MODEL 6MO  (Effective September 1, 2017)

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TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 8RJLC  (Effective September 1, 2017)

Curve No. E6408REPC2

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TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 10DXC** (Effective July 1, 2014)

Curve No. E6410DMPC0

Model 10DXC

RPM 1180

EFFICIENCY CORRECTION

1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 3110

K = 14

Bowl O. D. 9.50 in

Bowl Lateral 0.62

Max. PSI 400

Disch size 6", 8"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 10LHC** (Effective July 1, 2014)

Curve No. E6610LAPC1

Model 10LHC

RPM 1180

EFFICIENCY CORRECTION

1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 5341

K = 14

Bowl O. D. 9.50 in

Bowl Lateral 0.5

Max. PSI 245

Disch size 8", 10"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 10MO (Effective September 1, 2017)**

**Curve No. E6610MCPC1**

- **Model**: 10MO
- **RPM**: 1180
- **Efficiency Correction**:
  - 1-STAGE: 0
  - 2-STAGE: N/A
  - 3-STAGE: N/A
  - 4-STAGE: N/A
- **Impeller**: OPEN
- **Ns**: 6723
- **K**: 24
- **Bowl O. D.**: 16.00 in
- **Bowl Lateral Max. PSI**: 270
- **Disch size**: 10", 12" (W/L ONLY)

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 10RJHC (Effective July 1, 2014)**

**Curve No. E6410RCPC1**

- **Model**: 10RJHC
- **RPM**: 1180
- **Efficiency Correction**:
  - 1-STAGE: -3
  - 2-STAGE: -2
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 2100
- **K**: 7.5
- **Bowl O. D.**: 11.75 in
- **Bowl Lateral**: 1
- **Max. PSI**: 340
- **Disch size**: 6", 8", 10"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 10RJLC  (Effective September 1, 2017)

Curve No. E6410REPC1
Model 10RJLC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller OPEN
Ns = 6723
K = 24
Bowl O. D. 16.00 in
Bowl Lateral 0.31
Max. PSI 270
Disch size 10", 12" (W/L ONLY)

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 12CHC  (Effective September 1, 2017)

Curve No. E6612CCPC0
Model 12CHC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -0.5
4-STAGE 0

Impeller ENCLOSED
Ns = 2100
K = 7.5
Bowl O. D. 11.75 in
Bowl Lateral 1
Max. PSI 340
Disch size 6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 12CHO** *(Effective July 1, 2014)*

**Curve No. E6412CCPCO**

<table>
<thead>
<tr>
<th>Model</th>
<th>12CHO</th>
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<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
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<tr>
<td>EFFICIENCY CORRECTION</td>
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</tr>
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<td>1-STAGE</td>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
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<tr>
<td>Ns</td>
<td>2100</td>
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<tr>
<td>K</td>
<td>10</td>
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<tr>
<td>Bowl O. D.</td>
<td>11.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>340</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
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</table>

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 12CLC** *(Effective September 1, 2017)*

**Curve No. E6412CFPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>12CLC</th>
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<tbody>
<tr>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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<td>Impeller</td>
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<tr>
<td>Ns</td>
<td>2260</td>
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<tr>
<td>K</td>
<td>7.5</td>
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<tr>
<td>Bowl O. D.</td>
<td>11.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>1</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
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</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 12CLO  (Effective July 1, 2014)

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 12CMC  (Effective September 1, 2017)

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 12CMO  (Effective July 1, 2014)

Curve No. E6412CPPCP

Model 12CMO
RPM 1180

EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -0.5
4-STAGE 0

Impeller OPEN
Ns = 2240
K = 10

Bowl O. D. 11.75 in
Bowl Lateral 340
Max. PSI 340
Disch size 6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 12DXC  (Effective July 1, 2014)

Curve No. E6412DMPF0

Model 12DXC
RPM 1180

EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED
Ns = 2995
K = 17.2

Bowl O. D. 11.60 in
Bowl Lateral 1
Max. PSI 325
Disch size 6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 12FDHC** *(Effective July 1, 2014)*

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**MODEL 12FDHO** *(Effective July 1, 2014)*
MODEL 12FDLC  (Effective July 1, 2014)

Curve No. E6412FFPC0

Model 12FDLC

RPM 1180

EFFICIENCY CORRECTION

1-STAGE -3
2-STAGE -1.5
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 4255
K = 15

Bowl O. D. 11.60 in
Bowl Lateral 0.75
Max. PSI 440
Disch size 8", 10"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 12FDLO  (Effective July 1, 2014)

Curve No. E6612FGPC0

Model 12FDLO

RPM 1180

EFFICIENCY CORRECTION

1-STAGE -3
2-STAGE -1.5
3-STAGE 0
4-STAGE 0

Impeller OPEN

Ns = 4192
K = 23

Bowl O. D. 11.60 in
Bowl Lateral 0.75
Max. PSI 440
Disch size 8", 10"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 12FRHC  (Effective July 1, 2014)

Curve No. E6612FBPC1
Model 12FRHC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE -1
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 5019
K = 14.5
Bowl O. D. 11.75 in
Bowl Lateral 0.88
Max. PSI 300
Disch size 10°

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 12FRHO  (Effective July 1, 2014)

Curve No. E6612FCPC1
Model 12FRHO
RPM 1180
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
Impeller OPEN
Ns = 4740
K = 18.5
Bowl O. D. 11.75 in
Bowl Lateral 0.88
Max. PSI 300
Disch size 10°

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 12MLO  (Effective September 1, 2017)

TURBINE OPERATIONS
Lubbock, Texas

MODEL 12MMO  (Effective September 1, 2017)

TURBINE OPERATIONS
Lubbock, Texas
**MODEL 12RJHC** *(Effective July 1, 2014)*

**Curve No. E6612RCPC1**

<table>
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<tr>
<th>Model</th>
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</tr>
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<tbody>
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<td>1180</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
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<tr>
<td>1-STAGE</td>
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</tr>
<tr>
<td>2-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>0</td>
</tr>
<tr>
<td>K</td>
<td>9.5</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>11.60 in</td>
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<tr>
<td>Bowl Lateral</td>
<td>340</td>
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<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
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</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 12RJLC** *(Effective July 1, 2014)*

**Curve No. E6612REPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>12RJLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
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<tr>
<td>EFFICIENCY CORRECTION</td>
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<td>1-STAGE</td>
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</tr>
<tr>
<td>2-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>2580</td>
</tr>
<tr>
<td>K</td>
<td>10</td>
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<tr>
<td>Bowl O. D.</td>
<td>11.60 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>1</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
</tr>
</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 12RJLO  (Effective July 1, 2014)

Curve No. E6612RFPC1
Model 12RJLO  
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller OPEN
Ns = 2670
K = 13.7
Bowl O. D. 11.60 in
Bowl Lateral 340
Max. PSI 340
Disch size 6”, 8”, 10”

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 12RJMC  (Effective July 1, 2014)

Curve No. E6612RGPC1
Model 12RJMC  
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 2760
K = 9.5
Bowl O. D. 11.60 in
Bowl Lateral 1
Max. PSI 340
Disch size 6”, 8”, 10”

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 12RJMO** (Effective July 1, 2014)

**Curve No.** E6612RHPC1

- **Model:** 12RJMO
- **RPM:** 1180
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller:** OPEN
- **Ns:** 3000
- **K:** 13.7
- **Bowl O. D.:** 11.60 in
- **Bowl Lateral:** 340
- **Max. PSI:** 340
- **Disch size:** 6", 8", 10"

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.

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**MODEL 12WAHC** (Effective July 1, 2014)

**Curve No.** E60412WAPCO

- **Model:** 12WAHC
- **RPM:** 1180
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: -0.5
- **Impeller:** ENCLOSED
- **Ns:** 1660
- **K:** 7
- **Bowl O. D.:** 11.60 in
- **Bowl Lateral:** 0.75
- **Max. PSI:** 390
- **Disch size:** 6", 8", 10"

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.
MODEL 12WALC  (Effective July 1, 2014)

Curve No. E60412WBPCO
Model  12WALC
RPM  1180

EFFICIENCY CORRECTION
1-STAGE  -3
2-STAGE  -2
3-STAGE  -1
4-STAGE  -0.5

Impeller  ENCLOSED
Ns  1725
K  7

Bowl O. D.  11.60 in
Bowl Lateral  0.75
Max. PSI  390
Disch size  6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 13CHC  (Effective July 1, 2014)

Curve No. E6613CCPC1
Model  13CHC
RPM  1180

EFFICIENCY CORRECTION
1-STAGE  -2
2-STAGE  -1
3-STAGE  -0.5
4-STAGE  0

Impeller  ENCLOSED
Ns  0
K  9.5

Bowl O. D.  12.38 in
Bowl Lateral  0.88
Max. PSI  330
Disch size  8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 13CLC  (Effective July 1, 2014)

Curve No. E6613CFPC1

Model 13CLC

RPM 1180

EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0

Impeller ENCLOSED

Ns = 2241
K = 9.5

Bowl O. D. 12.38 in
Bowl Lateral 0.88
Max. PSI 330
Disch size 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 13CMC  (Effective July 1, 2014)

Curve No. E6613CGPC1

Model 13CMC

RPM 1180

EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0

Impeller ENCLOSED

Ns = 2203
K = 9.5

Bowl O. D. 12.38 in
Bowl Lateral 0.88
Max. PSI 330
Disch size 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 13RAHC  (Effective July 1, 2014)

Curve No. E6613RAPC1
Model  13RAHC
RPM  1180

EFFICIENCY CORRECTION
1-STAGE  -5
2-STAGE  -2
3-STAGE  -1
4-STAGE  0

Impeller  ENCLOSED
Ns =  1790
K =  7.9

Bowl O. D.  13.38 in
Bowl Lateral  0.5
Max. PSI  430
Disch size  8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 13RALC  (Effective July 1, 2014)

Curve No. E6613RBPC1
Model  13RALC
RPM  1180

EFFICIENCY CORRECTION
1-STAGE  -5
2-STAGE  -2
3-STAGE  -1
4-STAGE  0

Impeller  ENCLOSED
Ns =  1690
K =  7.9

Bowl O. D.  13.38 in
Bowl Lateral  0.5
Max. PSI  430
Disch size  8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 14DHHO** *(Effective July 1, 2014)*

Curve No. E6614DDPC1

- **Model**: 14DHHO
- **RPM**: 1180
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: 0

- **Impeller**: OPEN
- **Ns**: 3470
- **K**: 31.5
- **Bowl O. D.**: 13.25 in
- **Max. PSI**: 330
- **Disch size**: 10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 14DHLO** *(Effective July 1, 2014)*

Curve No. E6614DFPC1

- **Model**: 14DHLO
- **RPM**: 1180
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1.5
  - 3-STAGE: -1
  - 4-STAGE: 0

- **Impeller**: OPEN
- **Ns**: 3850
- **K**: 31.5
- **Bowl O. D.**: 13.25 in
- **Max. PSI**: 330
- **Disch size**: 10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 14DXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E6414DMPP1

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<tr>
<td>Ns</td>
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<td>K</td>
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Bowl O. D. 13.25 in
Bowl Lateral Max. PSI 325
Disch size 10”, 12”

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 14FHC  (Effective September 1, 2017)

Curve No. E6614FAPCO

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<td>2-STAGE</td>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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<td>Ns</td>
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<td>K</td>
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</table>

Bowl O. D. 14.00 in
Bowl Lateral Max. PSI 330
Disch size 10”, 12”

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 14RHHC  (Effective July 1, 2014)

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 14RHHO  (Effective July 1, 2014)

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 14RHLC  (Effective July 1, 2014)

MODEL 14RHLO  (Effective July 1, 2014)
MODEL 14RHMC  (Effective July 1, 2014)

Curve No. E6414RMPC1
Model 14RHMC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 3100
K = 16
Bowl O. D. 14.00 in
Bowl Lateral 0.75
Max. PSI 327
Disch size 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

MODEL 14RHMO  (Effective July 1, 2014)

Curve No. M5414RRPC0
Model 14RHMO
RPM 1180
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller OPEN
Ns = 3153
K = 24
Bowl O. D. 14.00 in
Bowl Lateral 0.75
Max. PSI 330
Disch size 10", 12"

TURBINE OPERATIONS
Lubbock, Texas
**MODEL 14RJHC**  (Effective September 1, 2017)

![Turbine Model 14RJHC Graph](image)

- **Curve No. E6614RCPC2**
  - **Model**: 14RJHC
  - **RPM**: 1180
  - **Efficiency Correction**:
    - 1-STAGE: -1
    - 2-STAGE: -0.5
    - 3-STAGE: 0
    - 4-STAGE: 0
  - **Impeller**: Enclosed
  - **Ns**: 3032
  - **K**: 13
  - **Bowl O. D.**: 13.63 in
  - **Bowl Lateral**: 8", 10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 14RJHO**  (Effective July 1, 2014)

![Turbine Model 14RJHO Graph](image)

- **Curve No. E6614RDPC1**
  - **Model**: 14RJHO
  - **RPM**: 1180
  - **Efficiency Correction**:
    - 1-STAGE: -1
    - 2-STAGE: -0.5
    - 3-STAGE: 0
    - 4-STAGE: 0
  - **Impeller**: Open
  - **Ns**: 2840
  - **K**: 16.2
  - **Bowl O. D.**: 13.63 in
  - **Bowl Lateral**: 8", 10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 14RJLC** *(Effective July 1, 2014)*

Curve No. E6614REPC1

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<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

Impeller: ENCLOSED

- $Ns = 2750$
- $K = 13$
- Bowl O. D.: 13.63 in
- Bowl Lateral: 340
- Max. PSI: 340
- Disch size: 8", 10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 14RJLO** *(Effective July 1, 2014)*

Curve No. E6614RFPC1

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
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<tr>
<td>EFFICIENCY CORRECTION</td>
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<td>1-STAGE</td>
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<tr>
<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

Impeller: OPEN

- $Ns = 2730$
- $K = 16.2$
- Bowl O. D.: 13.63 in
- Bowl Lateral: 1
- Max. PSI: 340
- Disch size: 8", 10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 14RJMC  (Effective July 1, 2014)

Curve No. E6614RGPC3

Model 14RJMC

RPM 1180

EFFICIENCY CORRECTION

1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 2990
K = 13

Bowl O. D. 13.63 in
Bowl Lateral 1
Max. PSI 340
Disch size 8", 10", 12"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 14RJMO  (Effective July 1, 2014)

Curve No. E6614RHPC1

Model 14RJMO

RPM 1180

EFFICIENCY CORRECTION

1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller OPEN

Ns = 2920
K = 16.2

Bowl O. D. 13.63 in
Bowl Lateral 1
Max. PSI 340
Disch size 8", 10", 12"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**Turbine**

**MODEL 15FHC** *(Effective July 1, 2014)*

*Bowl Performance Curve Based on Pumping Clear, Non-Aerated Water. Rated Point Only is Guaranteed. Curves Represent Single Stage Performance Based on Test of Multi-Stage Bowl Assembly. Efficiency Correction Applies to Head, Flow and Horsepower for Lesser Stages.*

**MODEL 16BHC** *(Effective July 1, 2014)*

*Bowl Performance Curve Based on Pumping Clear, Non-Aerated Water. Rated Point Only is Guaranteed. Curves Represent Single Stage Performance Based on Test of Multi-Stage Bowl Assembly. Efficiency Correction Applies to Head, Flow and Horsepower for Lesser Stages.*
MODEL 16BLC  (Effective July 1, 2014)

Curve No.  E6616BEPCI

<table>
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<tr>
<td>1-STAGE</td>
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<tr>
<td>2-STAGE</td>
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<td>3-STAGE</td>
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<tr>
<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
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<td>Ns</td>
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<td>K</td>
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<td>Bowl O. D.</td>
<td>16.13 in</td>
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<td>Bowl Lateral</td>
<td>0.88</td>
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<td>Max. PSI</td>
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<td>Disch size</td>
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TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 16DHHO  (Effective July 1, 2014)

Curve No.  E6616DDPC1

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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
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TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 16DHLC (Effective July 1, 2014)

![Graph for Model 16DHLC]

**Curve No. E6616DEPC1**

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<td>Max. PSI</td>
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<td>Disch size</td>
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**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 16DHLO (Effective July 1, 2014)

![Graph for Model 16DHLO]

**Curve No. E6616DFPC1**

<table>
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<td>Bowl O. D.</td>
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<td>Bowl Lateral</td>
<td>0.88</td>
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<td>Max. PSI</td>
<td>240</td>
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<tr>
<td>Disch size</td>
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</table>

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
### MODEL 16DMC (Effective September 1, 2017)

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**TURBINE OPERATIONS**
Lubbock, Texas

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<thead>
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<th>Head - ft</th>
<th>2000</th>
<th>2500</th>
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<tbody>
<tr>
<td>US gpm</td>
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<td>2750</td>
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**Suction Sizes-12”,14” Discharge Sizes-12”,14”**

**USE FOR 1ST STAGE ONLY**

### MODEL 16DXC (Effective July 1, 2014)

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**TURBINE OPERATIONS**
Lubbock, Texas

<table>
<thead>
<tr>
<th>Head - ft</th>
<th>2000</th>
<th>2500</th>
<th>3000</th>
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<tbody>
<tr>
<td>US gpm</td>
<td>2500</td>
<td>2750</td>
<td>3000</td>
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</tbody>
</table>

**Suction Sizes-12”,14” Discharge Sizes-12”,14”**

**USE FOR 1ST STAGE ONLY**
**MODEL 16RGHC (Effective September 1, 2017)**

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**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 16RGHC (Effective July 1, 2014)**

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**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 16RGLC  (Effective July 1, 2014)

Curve No. E6416RCPP0
Model 16RGLC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 4669
K = 26
Bowl O. D. 16.00 in
Bowl Lateral 1
Max. PSI 420
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 16RGHXC  (Effective July 1, 2014)

Curve No. E6416RGPP0
Model 16RGHXC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 4255
K = 30
Bowl O. D. 16.00 in
Bowl Lateral 1
Max. PSI 420
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 16RGLXC**  (Effective July 1, 2014)

**Curve No. E66166LPC0**

- **Model**: 16RGLXC
- **RPM**: 1180
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **N<sub>s</sub>**: 4345
- **K**: 32
- **Bowl O. D.**: 16.00 in
- **Bowl Lateral**: 1
- **Max. PSI**: 420
- **Disch size**: --

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 18BHC**  (Effective July 1, 2014)

**Curve No. E6618BBPCI**

- **Model**: 18BHC
- **RPM**: 1180
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **N<sub>s</sub>**: 2418
- **K**: 27.5
- **Bowl O. D.**: 17.50 in
- **Bowl Lateral**: 0.75
- **Max. PSI**: 348
- **Disch size**: --

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 18CHC (Effective July 1, 2014)**

**Curve No. E6418CCPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>18CHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-1.5</td>
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<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
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<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>2300</td>
</tr>
<tr>
<td>K</td>
<td>18.5</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>17.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>275</td>
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<tr>
<td>Disch size</td>
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</table>

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 18BLC (Effective July 1, 2014)**

**Curve No. E6618BEPCI**

<table>
<thead>
<tr>
<th>Model</th>
<th>18BLC</th>
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<tbody>
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<td>RPM</td>
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</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-3</td>
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<tr>
<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
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<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
<td>2334</td>
</tr>
<tr>
<td>K</td>
<td>27.5</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>17.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>348</td>
</tr>
<tr>
<td>Disch size</td>
<td>--</td>
</tr>
</tbody>
</table>

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 18DHC  (Effective September 1, 2017)

Curve No. E6618DBPCO
Model 18DHC
RPM 1180

EFFICIENCY CORRECTION
1-STAGE -1
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED
Ns = 3087
K = 21

Bowl O. D. 17.75 in
Bowl Lateral 0.75
Max. PSI 310
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 18DMC  (Effective July 1, 2014)

Curve No. E6618DHPCI
Model 18DMC
RPM 1180

EFFICIENCY CORRECTION
1-STAGE -1.5
2-STAGE -1
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED
Ns = 2868
K = 21.4

Bowl O. D. 17.75 in
Bowl Lateral 0.75
Max. PSI 310
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 18DXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

MODEL 18GHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY
MODEL 18HXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

MODEL 18LHC  (Effective September 1, 2017)
**MODEL 18LHXC** (Effective July 1, 2014)

_Bowl Performance Curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages._

**MODEL 20BHC** (Effective July 1, 2014)

_Bowl Performance Curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages._
**MODEL 20EHC** *(Effective July 1, 2014)*

USE FOR 1ST STAGE ONLY

**Curve No. E6620EAPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>20EHC</th>
</tr>
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<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
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**EFFICIENCY CORRECTION**

<table>
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<tr>
<th>Stages</th>
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<tbody>
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<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
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</tbody>
</table>

**Impeller** ENCLOSED

<table>
<thead>
<tr>
<th>Ns</th>
<th>3233</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>36</td>
</tr>
</tbody>
</table>

**Bowl O.D.** 18.94 in

**Bowl Lateral** 0.88

**Max. PSI** 310

**Disch size** --

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

---

**MODEL 20EHC** *(Effective July 1, 2014)*

USE FOR ADDITIONAL STAGE ONLY

**Curve No. E6620EAPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>20EHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
</tr>
</tbody>
</table>

**EFFICIENCY CORRECTION**

<table>
<thead>
<tr>
<th>Stages</th>
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<tbody>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
<td>0</td>
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<tr>
<td>4-STAGE</td>
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</table>

**Impeller** ENCLOSED

<table>
<thead>
<tr>
<th>Ns</th>
<th>3233</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>36</td>
</tr>
</tbody>
</table>

**Bowl O.D.** 18.94 in

**Bowl Lateral** 0.88

**Max. PSI** 310

**Disch size** --

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 20EHXC (Effective July 1, 2014)

Curve No. E6620ERPC0

Model 20EHXC

RPM 1180

EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 3329
K = 36

Bowl O. D. 18.94 in
Bowl Lateral 0.88
Max. PSI 380
Disch size --

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 20ELC (Effective July 1, 2014)

Curve No. E6620EDPC3

Model 20ELC

RPM 1180

EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -1
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 3371
K = 31

Bowl O. D. 18.94 in
Bowl Lateral 0.88
Max. PSI 310
Disch size --

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 20GHC (Effective September 1, 2017)

USE FOR 1ST STAGE ONLY

Curve No. E6620GAPCI

<table>
<thead>
<tr>
<th>Model</th>
<th>20GHC</th>
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<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
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<tr>
<td>1-STAGE</td>
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<td>2-STAGE</td>
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</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>4550</td>
</tr>
<tr>
<td>K</td>
<td>41.2</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>20.75 in</td>
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<tr>
<td>Max. PSI</td>
<td>270</td>
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TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 20GHC (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

Curve No. E6620GAPCI

<table>
<thead>
<tr>
<th>Model</th>
<th>20GHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
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<td>EFFICIENCY CORRECTION</td>
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<td>1-STAGE</td>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
<td>4550</td>
</tr>
<tr>
<td>K</td>
<td>41.2</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>20.75 in</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>270</td>
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</tbody>
</table>

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 20GHXC** (Effective July 1, 2014)

- **Curve No. E6620GGPF0**
- **Model**: 20GHXC
- **RPM**: 1180
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 4255
- **K**: 52
- **Bowl O. D.**: 20.75 in
- **Bowl Lateral**: 1.41
- **Max. PSI**: 300
- **Disch size**: --

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 20GLC** (Effective September 1, 2017)

- **Curve No. E6620GCPCO**
- **Model**: 20GLC
- **RPM**: 1180
- **Efficiency Correction**
  - 1-STAGE: -1
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 4807
- **K**: 45
- **Bowl O. D.**: 20.75 in
- **Bowl Lateral**: 1.41
- **Max. PSI**: 270
- **Disch size**: --

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 20GLXC** *(Effective July 1, 2014)*

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**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

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**MODEL 20RCHC** *(Effective July 1, 2014)*

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**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 20RCLC**  (Effective July 1, 2014)

![Graph of Model 20RCLC Performance Curve]

**Curve No. E6620CFPC1**

**Model**  20RCLC  
**RPM**  1180  
**Efficiency Correction**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

**Impeller**  ENCLOSED  
**Ns**  2345  
**K**  24  
Bowl O. D.  20.50 in  
Bowl Lateral  1.12 in  
Max. PSI  400  
Disch size  --

**Turbine Operations**  Lubbock, Texas  

Bowl performance curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.

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**MODEL 24CHC**  (Effective July 1, 2014)

![Graph of Model 24CHC Performance Curve]

**Curve No. E6824CCPC1**

**Model**  24CHC  
**RPM**  1180  
**Efficiency Correction**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-STAGE</td>
<td>-1.5</td>
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<tr>
<td>2-STAGE</td>
<td>0</td>
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<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

**Impeller**  ENCLOSED  
**Ns**  2232  
**K**  37.8  
Bowl O. D.  25.00 in  
Bowl Lateral  0.87 in  
Max. PSI  270  
Disch size  --

**Turbine Operations**  Lubbock, Texas  

Bowl performance curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.
**MODEL 24CLC** (Effective July 1, 2014)

Curve No. E6824CFPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>24CLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
</tr>
</tbody>
</table>

**Efficiency Correction**

- 1-STAGE: -1.5
- 2-STAGE: 0
- 3-STAGE: 0
- 4-STAGE: 0

**Impeller**

- ENCLOSED

- Ns = 2258
- K = 43.2

**Bowl O. D.**

- 25.00 in

**Bowl Lateral**

- Max. PSI: 270

**TURBINE OPERATIONS**

- Lubbock, Texas

**Bowl Performance Curve Based On Pumping Clear, Non-Aerated Water. Rated Point Only is Guaranteed. Curves Represent Single Stage Performance Based On Test Of Multi-Stage Bowl Assembly. Efficiency Correction Applies To Head, Flow And Horsepower For Lesser Stages.**

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**MODEL 24DMC** (Effective July 1, 2014)

Curve No. E6824DJPC0

<table>
<thead>
<tr>
<th>Model</th>
<th>24DMC</th>
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<tbody>
<tr>
<td>RPM</td>
<td>1180</td>
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</tbody>
</table>

**Efficiency Correction**

- 1-STAGE: 0
- 2-STAGE: 0
- 3-STAGE: 0
- 4-STAGE: 0

**Impeller**

- ENCLOSED

- Ns = 2926
- K = 39.5

**Bowl O. D.**

- 24.25 in

**Bowl Lateral**

- Max. PSI: 290

**TURBINE OPERATIONS**

- Lubbock, Texas

**Bowl Performance Curve Based On Pumping Clear, Non-Aerated Water. Rated Point Only Is Guaranteed. Curves Represent Single Stage Performance Based On Test Of Multi-Stage Bowl Assembly. Efficiency Correction Applies To Head, Flow And Horsepower For Lesser Stages.**
MODEL 24DMC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

Curve No. E6824DJPC0
Model  24DMC
RPM  1180

EFFICIENCY CORRECTION
1-STAGE  0
2-STAGE  0
3-STAGE  0
4-STAGE  0

Impeller ENCLOSED
Ns =  2926
K =  39.5

Bowl O. D.  24.25 in
Bowl Lateral  1.12
Max. PSI  290
Disch size  --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

MODEL 24D XC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E01033F
Model  24D XC
RPM  1180

EFFICIENCY CORRECTION
1-STAGE  0
2-STAGE  0
3-STAGE  0
4-STAGE  0

Impeller ENCLOSED
Ns =  2912
K =  59.2

Bowl O. D.  24.25 in
Bowl Lateral  0.62
Max. PSI  256
Disch size  --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 24EHC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

USE FOR ADDITIONAL STAGE ONLY
**MODEL 24ELC** (Effective July 1, 2014)

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<th>US gpm</th>
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**MODEL 24ELXC** (Effective July 1, 2014)

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**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 24FHC  (Effective September 1, 2017)

**Curve No. E6824FAPC2**

- **Model**: 24FHC
- **RPM**: 1180
- **Impeller**: ENCLOSED
- **Ns**: 4270
- **K**: 31
- **Bowl O. D.**: 24.25 in
- **Max. PSI**: 320

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.**

**TURBINE OPERATIONS**

Lubbock, Texas

Curves are certified for water at 60°F only. Consult factory for performance with any other fluid.

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MODEL 24GHC  (Effective September 1, 2017)

**Curve No. E6824GAPP1**

- **Model**: 24GHC
- **RPM**: 1180
- **Impeller**: ENCLOSED
- **Ns**: 4774
- **K**: 60
- **Bowl O. D.**: 24.25 in
- **Max. PSI**: 250

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.**

**TURBINE OPERATIONS**

Lubbock, Texas

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**USE FOR 1ST STAGE ONLY**
MODEL 24GHC  (Effective July 1, 2014)

TURBINE OPERATIONS
Lubbock, Texas

USE FOR ADDITIONAL STAGE ONLY

USE FOR 1ST STAGE ONLY

MODEL 24GHC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

USE FOR 1ST STAGE ONLY

Curve No. E6824GAPP1

Model 24GHC

RPM 1180

E�EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 4774

K = 60

Bowl O. D. 24.25 in
Bowl Lateral 1.62
Max. PSI 250
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

Curve No. E6824GGPC1

Model 24GHXC

RPM 1180

E�EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED

Ns = 4174

K = 68.7

Bowl O. D. 24.25 in
Bowl Lateral 1.62
Max. PSI 300
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 24GLC  (Effective September 1, 2017)

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

**MODEL 26GHC  (Effective September 1, 2017)**

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 26GHC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

USE FOR 1ST STAGE ONLY

MODEL 26GHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No.  E6626GAPC1

Curve No.  E6626GCPC1

Model  26GHC

Model  26GHXC

RPM  1180

RPM  1180

EFFICIENCY CORRECTION

EFFICIENCY CORRECTION

1-STAGE  0

1-STAGE  0

2-STAGE  0

2-STAGE  0

3-STAGE  0

3-STAGE  0

4-STAGE  0

4-STAGE  0

Impeller  ENCLOSED

Impeller  ENCLOSED

Ns =  4376

Ns =  4130

K =  64.2

K =  80.9

Bowl O. D.  26.00 in

Bowl O. D.  26.00 in

Bowl Lateral  1

Bowl Lateral  1

Max. PSI  230

Max. PSI  200

Disch size  --

Disch size  --

TURBINE OPERATIONS

TURBINE OPERATIONS

Lubbock, Texas

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 28BHC** (Effective July 1, 2014)

**Curve No.** E6828BBPC0  
**Model** 28BHC  
**RPM** 1180  
**EFFICIENCY CORRECTION**  
1-STAGE -1  
2-STAGE 0  
3-STAGE 0  
4-STAGE 0  
**Impeller** ENCLOSED  
Ns = 2836  
K = 68.5  
Bowl O. D. 26.88 in  
Bowl Lateral 0.87  
Max. PSI 220  
Disch size --  
**TURBINE OPERATIONS**  
Lubbock, Texas  

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.**

**MODEL 28BLC** (Effective July 1, 2014)

**Curve No.** E6828BEPC0  
**Model** 28BLC  
**RPM** 1180  
**EFFICIENCY CORRECTION**  
1-STAGE -3  
2-STAGE -1  
3-STAGE 0  
4-STAGE 0  
**Impeller** ENCLOSED  
Ns = 2849  
K = 68.5  
Bowl O. D. 26.88 in  
Bowl Lateral 0.87  
Max. PSI 220  
Disch size --  
**TURBINE OPERATIONS**  
Lubbock, Texas  

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.**
**MODEL 28GHC**  *(Effective July 1, 2014)*

- **Curve No.** E6628GAPC1
- **Model** 28GHC
- **RPM** 1180
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller** ENCLOSED
- **Ns** = 4481
- **K** = 69
- **Bowl O. D.** 26.88 in
- **Bowl Lateral** 1.5
- **Max. PSI**
- **Disch size** --

_TURBINE OPERATIONS_
Lubbock, Texas

Bowl performance curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.

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**MODEL 30BHC**  *(Effective September 1, 2017)*

- **Curve No.** E6630BDPC2
- **Model** 30BHC
- **RPM** 1180
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller** ENCLOSED
- **Ns** = 3540
- **K** = 92
- **Bowl O. D.** 29.50 in
- **Bowl Lateral** 0.87
- **Max. PSI** 216
- **Disch size** --

_TURBINE OPERATIONS_
Lubbock, Texas

Bowl performance curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.
MODEL 30BHC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

MODEL 30BLC  (Effective September 1, 2017)

USE FOR 1ST STAGE ONLY

Curve No. E6630BDPC2
Model 30BHC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 3540
K = 92
Bowl O. D. 29.50 in
Bowl Lateral 0.87
Max. PSI 216
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

Curve No. E6630BGPC3
Model 30BLC
RPM 1180
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 3646
K = 92
Bowl O. D. 29.50 in
Bowl Lateral 0.87
Max. PSI 216
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 30BLC  (Effective July 1, 2014)

Curve No. E6630BGPC3
Model 30BLC
RPM 1180

EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED
Ns = 3646
K = 92

Bowl O. D. 29.50 in
Bowl Lateral 0.87
Max. PSI 216
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESHER STAGES.

USE FOR ADDITIONAL STAGE ONLY