Lineshaft and Submersible Turbine Pump Curves

1000 RPM CURVES - 50 CYCLE PERFORMANCE
## INDEX – 50 CYCLE PERFORMANCE – 1000 RPM

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MODEL 6MO  (Effective September 1, 2017)

Curve No. E5606MCPC1

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Impeller: OPEN

Ns = 6841
K = 13.1

Bowl O. D.: 14.00 in
Bowl Lateral: 0.5
Max. PSI: 300
Disch size: 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 10DXC  (Effective July 1, 2014)

Curve No. E5610DMPC1

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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)*

![Turbine Performance Curve](image)

**Curve No. E5610LAPC1**

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**Impeller**  ENCLOSED

Ns = 5341
K = 14

- **Bowl O. D.**  9.50 in
- **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)*

![Turbine Performance Curve](image)

**Curve No. E5610MCPC1**

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**Impeller**  OPEN

Ns = 6723
K = 24

- **Bowl O. D.**  16.00 in
- **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. E5612CCPC1
Model  12CHC
RPM  980
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. E5612CHPC1
Model  12CHO
RPM  980
EFFICIENCY CORRECTION
1-STAGE  -3
2-STAGE  -2
3-STAGE  -0.5
4-STAGE  0
Impeller  OPEN
Ns =  2100
K =  10
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 12CLC  (Effective September 1, 2017)

Curve No. E5612CFPC1
Model 12CLC
RPM 980
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 2260
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 12CLO  (Effective July 1, 2014)

Curve No. E5612CJPC1
Model 12CLO
RPM 980
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -0.5
4-STAGE 0
Impeller OPEN
Ns = 2260
K = 10
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 12CMC** *(Effective September 1, 2017)*

- **Curve No. E5612CGPC1**
  - **Model**: 12CMC
  - **RPM**: 970
  - **Efficiency Correction**
    1. **1-Stage**: -3
    2. **2-Stage**: -2
    3. **3-Stage**: -0.5
    4. **4-Stage**: 0
  - **Impeller**: ENCLOSED
  - **Ns**: 2240
  - **K**: 7.5
  - **Bowl O. D.**: 11.75 in
  - **Bowl Lateral**: 25.4
  - **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 12CMO** *(Effective July 1, 2014)*

- **Curve No. E5612CKPC1**
  - **Model**: 12CMO
  - **RPM**: 975
  - **Efficiency Correction**
    1. **1-Stage**: -3
    2. **2-Stage**: -2
    3. **3-Stage**: -0.5
    4. **4-Stage**: 0
  - **Impeller**: OPEN
  - **Ns**: 2240
  - **K**: 14.9
  - **Bowl O. D.**: 11.75 in
  - **Bowl Lateral**: 25.4
  - **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)*

USE FOR 1ST STAGE 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 12FDHC** *(Effective July 1, 2014)*

USE FOR 1ST STAGE 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 12FDLC** *(Effective July 1, 2014)*

- **Curve No.** E5612FFPC1
- **Model** 12FDLC
- **RPM** 980
- **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**
- **Max. PSI**
- **Disch size** 6", 8", 10"*

**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 12FRHC** *(Effective July 1, 2014)*

- **Curve No.** E5612FBPC1
- **Model** 12FRHC
- **RPM** 980
- **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"*

**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.  E5612FCPC1
Model  12FRHO
RPM  980
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)

Curve No.  E5612MCPC1
Model  12MLO
RPM  980
EFFICIENCY CORRECTION
1-STAGE  N/A
2-STAGE  N/A
3-STAGE  N/A
4-STAGE  N/A
Impeller  OPEN
Ns  =  7186
K  =  31.5
Bowl O. D.  18.00 in
Bowl Lateral  0.44
Max. PSI  160
Disch size  12", 14"

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 12MMO  (Effective September 1, 2017)

Curve No. E5612MCPC1
Model 12MMO
RPM 980
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE N/A
3-STAGE N/A
4-STAGE N/A
Impeller OPEN
Ns = 6663
K = 31.3
Bowl O. D. 18.00 in
Bowl Lateral 0.44
Max. PSI 160
Disch size 12", 14"

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 12RJHC  (Effective July 1, 2014)

Curve No. E5612RCPC1
Model 12RJHC
RPM 980
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 0
K = 10
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 12RJHO  *(Effective July 1, 2014)*

**Curve No. E5612RDPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>12RJHO</th>
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</thead>
<tbody>
<tr>
<td>RPM</td>
<td>980</td>
</tr>
<tr>
<td><strong>EFFICIENCY CORRECTION</strong></td>
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<tr>
<td>1-STAGE</td>
<td>0</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>
<tr>
<td><strong>Impeller</strong></td>
<td>OPEN</td>
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<tr>
<td>Ns =</td>
<td>2840</td>
</tr>
<tr>
<td>K =</td>
<td>13.7</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>11.60 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>6&quot; , 8&quot; , 10&quot;</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.

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

**Curve No. E5612REPC1**

<table>
<thead>
<tr>
<th>Model</th>
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<tr>
<td>RPM</td>
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<tr>
<td><strong>EFFICIENCY CORRECTION</strong></td>
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<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><strong>Impeller</strong></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>6&quot; , 8&quot; , 10&quot;</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. E5612RFPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>12RJLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>980</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>0</td>
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<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 | 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.

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

Curve No. E5612RGPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>12RJMC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>980</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>0</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 = 2670
K = 10

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. E5612RHPC1**

- **Model**: 12RJMO
- **RPM**: 980
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: OPEN
- **N**<sub>s</sub> = 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. E5612WAPC1**

- **Model**: 12WAHC
- **RPM**: 980
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: -0.5
- **Impeller**: ENCLOSED
- **N**<sub>s</sub> = 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. E5612WBPC1
Model  12WALC
RPM  980
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. E5613CCPC1
Model  13CHC
RPM  980
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)

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

MODEL 13CMC (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
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.

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)*

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)*

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.

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

- **Curve No.** E5614RNPC1
- **Model** 14RHLC
- **RPM** 980
- **Efficiency Correction**
  - 1-STAGE: -2
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller** ENCLOSED
- **Ns** = 3250
- **K** = 16
- **Bowl O.D.** 14.00 in
- **Bowl Lateral**
- **Max. PSI** 330
- **Disch size** 10", 12"

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

- **Curve No.** E5614RSPC1
- **Model** 14RHLO
- **RPM** 980
- **Efficiency Correction**
  - 1-STAGE: -2
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller** OPEN
- **Ns** = 3106
- **K** = 24
- **Bowl O.D.** 14.00 in
- **Bowl Lateral** 0.75
- **Max. PSI** 330
- **Disch size** 10", 12"

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

Curve No. E5614RMPC1

**Model** 14RHMC  
**RPM** 980

**EFFICIENCY CORRECTION**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Correction</th>
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<tbody>
<tr>
<td>1-STAGE</td>
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<td>3-STAGE</td>
<td>-0.5</td>
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<tr>
<td>4-STAGE</td>
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</tbody>
</table>

**Impeller** ENCLOSED  
**Ns** = 3100  
**K** = 16

**Bowl O. D.** 14.00 in  
**Bowl Lateral** 0.75

**Max. PSI**

**Disch size** 10", 12"

**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

**US gpm**

**Power - hp**

**NPSHr - ft**

**Head - ft**

MODEL 14RHMO  (Effective July 1, 2014)

Curve No. E5614RRPC1

**Model** 14RHMO  
**RPM** 980

**EFFICIENCY CORRECTION**

<table>
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<tbody>
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<td>-0.5</td>
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<td>4-STAGE</td>
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</table>

**Impeller** OPEN  
**Ns** = 3153  
**K** = 35.7

**Bowl O. D.** 14.00 in  
**Bowl Lateral** 20

**Max. PSI** 330  
**Disch size** 10", 12"

**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

**US gpm**

**Power - hp**

**NPSHr - ft**

**Head - ft**
MODEL 14RJHC  (Effective July 1, 2014)

Curve No. E5614RCPC1
Model 14RJHC
RPM 980
EFFICIENCY CORRECTION
1-STAGE -1
2-STAGE -0.5
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 3032
K = 10
Bowl O. D. 13.63 in
Bowl Lateral 25.4
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 14RJHO  (Effective July 1, 2014)

Curve No. E5614RDPC1
Model 14RJHO
RPM 980
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 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 14RJLC  (Effective July 1, 2014)

Curve No. E5614REPC1
Model 14RJLC
RPM 980
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -1
3-STAGE 0
4-STAGE 0
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.

MODEL 14RJLO  (Effective July 1, 2014)

Curve No. E5614RFPC1
Model 14RJLO
RPM 980
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
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 14RJMO (Effective July 1, 2014)

Curve No. E5614RHPC1
Model 14RJMO
RPM 980
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
Impeller OPEN
Ns = 2920
K = 16.2
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.

MODEL 15FHC (Effective July 1, 2014)

Curve No. E5615FAPC1
Model 15FHC
RPM 980
EFFICIENCY CORRECTION
1-STAGE -1
2-STAGE -0.5
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 4600
K = 30
Bowl O. D. 14.75 in
Bowl Lateral 1.25
Max. PSI 260
Disch size 12”, 14”

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 16BHC  (Effective July 1, 2014)

Curve No. E5616BBPC1
Model 16BHC
RPM 980
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 1963
K = 14.1
Bowl O. D. 16.13 in
Bowl Lateral 0.88
Max. PSI 320
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 16BLC  (Effective July 1, 2014)

Curve No. E5616BEPC1
Model 16BLC
RPM 980
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 2012
K = 15
Bowl O. D. 16.13 in
Bowl Lateral 0.88
Max. PSI 320
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 16DHHO  (Effective July 1, 2014)

Model 16DHHO

Curve No. E5616DDPC1

- **Model**: 16DHHO
- **RPM**: 980
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1.5
  - 3-STAGE: -1
  - 4-STAGE: 0
- **Impeller**: OPEN
- **Ns**: 3970
- **K**: 42
- **Bowl O. D.**: 15.25 in
- **Bowl Lateral**: 0.88
- **Max. PSI**: 240
- **Disch size**: 

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)

Model 16DHLC

Curve No. E5616DEPC1

- **Model**: 16DHLC
- **RPM**: 980
- **Efficiency Correction**
  - 1-STAGE: -2
  - 2-STAGE: -1
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3733
- **K**: 31
- **Bowl O. D.**: 15.25 in
- **Bowl Lateral**: 0.88
- **Max. PSI**: 240
- **Disch size**: 

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)

Model: 16DHLO
RPM: 980

Efficiency Correction
1-stage: -1
2-stage: 0
3-stage: 0
4-stage: 0

Impeller: OPEN
Ns = 3615
K = 42

Bowl O. D.: 15.25 in
Bowl Lateral: 0.88
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 16DMC  (Effective September 1, 2017)

Model: 16DMC
RPM: 980

Efficiency Correction
1-stage: -1
2-stage: 0
3-stage: 0
4-stage: 0

Impeller: ENCLOSED
Ns = 2859
K = 18

Bowl O. D.: 16.00 in
Bowl Lateral: 0.75
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 16DXC  (Effective July 1, 2014)

Model 16DXC

RPM 980

Efficiency Correction

1-stage 0
2-stage 0
3-stage 0
4-stage 0

Impeller ENCLOSED

Ns = 3122
K = 28

Bowl O. D. 16.13 in
Bowl Lateral 0.88
Max. PSI 240
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 16RGHC  (Effective July 1, 2014)

Reserved for 16RGHC

Model 16RGHC

RPM 980

Efficiency Correction

1-stage 0
2-stage 0
3-stage 0
4-stage 0

Impeller ENCLOSED

Ns = 4895
K = 24

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. E5616GGPC1

Model  16RGHXC

RPM  980

Efficiency Correction

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

Impeller ENCLOSED

N_s =  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 16RGLC  (Effective July 1, 2014)

Curve No. E5616GCPC1

Model  16RGLC

RPM  980

Efficiency Correction

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

Impeller ENCLOSED

N_s =  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 18BHC** *(Effective July 1, 2014)*

- **Curve No.:** E5618BBPC1
- **Model:** 18BHC
- **RPM:** 980
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller:** ENCLOSED
- **Ns:** 2418
- **K:** 27.5
- **Bowl O. D.:** 17.50 in
- **Bowl Lateral:** 0.75 in
- **Max. PSI:** 348

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

- **Curve No.:** E5618BEPC1
- **Model:** 18BLC
- **RPM:** 980
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller:** ENCLOSED
- **Ns:** 2334
- **K:** 27.5
- **Bowl O. D.:** 17.50 in
- **Bowl Lateral:** 0.75 in
- **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.
MODEL 18DHC  (Effective September 1, 2017)

Curve No. E5618DBPC1
Model  18DHC
RPM  980

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. E5618DHPC1
Model  18DMC
RPM  980

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)

Curve No. E5618DMPC1
Model  18DXC
RPM  980

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

Impeller  ENCLOSED
Ns  3039
K  32

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 18GHXC  (Effective July 1, 2014)

Curve No. E5618GGPC1
Model  18GHXC
RPM  980

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

Impeller  ENCLOSED
Ns  4255
K  39.5

Bowl O. D.  18.50 in
Bowl Lateral  1.14
Max. PSI  225
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 18HMC (Effective July 1, 2014)**

- **Curve No. E5618HCPC1**
- **Model**: 18HMC
- **RPM**: 980
- **Efficiency Correction**
  - 1-STAGE: -1
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: Enclosed
- **Ns**: 3239
- **K**: 33
- **Bowl O. D.**: 18.00 in
- **Bowl Lateral**: 0.75
- **Max. PSI**: 375
- **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 18HMO (Effective July 1, 2014)**

- **Curve No. E5618HDPC1**
- **Model**: 18HMO
- **RPM**: 980
- **Efficiency Correction**
  - 1-STAGE: -1
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: Open
- **Ns**: 3179
- **K**: 49
- **Bowl O. D.**: 18.00 in
- **Bowl Lateral**: 0.75
- **Max. PSI**: 375
- **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 18HXC** *(Effective July 1, 2014)*

**Curve No. E5618HEPC1**

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<td>RPM</td>
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<td>EFFICIENCY CORRECTION</td>
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<td>1-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** ENCLOSED

**Ns** = 3388

**K** = 32

| Bowl O. D. | 18.00 in |
| Bowl Lateral | 0.75 |
| Max. PSI | 375 |

**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 18LHXC** *(Effective July 1, 2014)*

**Curve No. E5618LHPC1**

<table>
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<th>Model</th>
<th>18LHXC</th>
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<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** ENCLOSED

**Ns** = 5064

**K** = 36.8

| Bowl O. D. | 18.00 in |
| Bowl Lateral | 1.12 |
| Max. PSI | 375 |

**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 20BHC  (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.

USE FOR 1ST STAGE ONLY

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

**Curve No.** E5620EAPC1  
**Model** 20EHC  
**RPM** 980  
**EFFICIENCY CORRECTION**  
1-STAGE 0  
2-STAGE 0  
3-STAGE 0  
4-STAGE 0  
**Impeller** ENCLOSED  
Ns = 3233  
K = 36  
**Bowl O. D.** 18.94 in  
**Bowl Lateral** 0.88 in  
**Max. PSI** 360  
**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.** E5620EDPC1  
**Model** 20ELC  
**RPM** 985  
**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 in  
**Max. PSI** 360  
**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 July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E5620GBPC1
Model 20GHC
RPM 980

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

Impeller ENCLOSED
Ns = 4970
K = 41.2

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 20GHC (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

Curve No. E5620GBPC1
Model 20GHC
RPM 980

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

Impeller ENCLOSED
Ns = 4970
K = 41.2

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 20GHXC (Effective July 1, 2014)

Curve No. E5620GGPC1

Model 20GHXC

RPM 980

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 --
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 July 1, 2014)

Curve No. E5620GCPC1

Model 20GLC

RPM 980

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)**

**Curve No. E5620GLPC1**

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<td>EFFICIENCY CORRECTION</td>
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<td>K</td>
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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 20RCHC (Effective July 1, 2014)**

**Curve No. E5620CCPC1**

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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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<td>Ns</td>
<td>2190</td>
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<td>K</td>
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<tr>
<td>Bowl O. D.</td>
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<tr>
<td>Bowl Lateral</td>
<td>1.12</td>
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<tr>
<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 20RCLC** (Effective July 1, 2014)

**CURVE NO. E5620CFPC1**

**Model** 20RCLC

**RPM** 980

**Efficiency Correction**

<table>
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<tr>
<th>Stage</th>
<th>Correction</th>
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<td>1</td>
<td>-1</td>
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<tr>
<td>2</td>
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</tr>
<tr>
<td>3</td>
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<td>4</td>
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**Impeller** ENCLOSED

<table>
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<tr>
<th>Ns</th>
<th>2345</th>
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</thead>
<tbody>
<tr>
<td>K</td>
<td>24</td>
</tr>
</tbody>
</table>

**Bowl O. D.** 20.50 in

**Bowl Lateral** 1.12

**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)

**CURVE NO. E5624CCPC1**

**Model** 24CHC

**RPM** 980

**Efficiency Correction**

<table>
<thead>
<tr>
<th>Stage</th>
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<tbody>
<tr>
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<tr>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
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**Impeller** ENCLOSED

<table>
<thead>
<tr>
<th>Ns</th>
<th>2232</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>37.8</td>
</tr>
</tbody>
</table>

**Bowl O. D.** 25.00 in

**Bowl Lateral** 0.87

**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.  E5624CFPC1
Model  24CLC
RPM  980

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  0.87
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 24DMC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No.  E5624DHPC1
Model  24DMC
RPM  980

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  0.87
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 24DMC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

MODEL 24DXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E5624DHPC1

- **Model**: 24DMC
- **RPM**: 980
- **Efficiency Correction**: 0
- **Impeller**: ENCLOSED
- **Ns**: 2926
- **K**: 39.5
- **Bowl O. D.**: 24.25 in
- **Bowl Lateral**: 1.12
- **Max. PSI**: 256
- **Disch size**: 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.

Curve No. E5624DMPC1

- **Model**: 24DXC
- **RPM**: 980
- **Efficiency Correction**: 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)

 Curve No. E5624EAPC1

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<th>Model</th>
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<td>RPM</td>
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<tr>
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<tr>
<td>K =</td>
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<tr>
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<td>22.25 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
<td>260</td>
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<tr>
<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 24EHC  (Effective July 1, 2014)

 Curve No. E5624EAPC1

<table>
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<td>3297</td>
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<tr>
<td>K =</td>
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<td>Bowl O. D.</td>
<td>22.25 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.87</td>
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<tr>
<td>Max. PSI</td>
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<tr>
<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 24ELC** (Effective July 1, 2014)

Curve No. E5624EDPC1

- **Model**: 24ELC
- **RPM**: 980
- **Efficiency Correction**: 0
- 1-STAGE: 0
- 2-STAGE: 0
- 3-STAGE: 0
- 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3538
- **K**: 42
- **Bowl O. D.**: 22.25 in
- **Bowl Lateral**: 0.87 in
- **Max. PSI**: 260
- **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 24ELXC** (Effective July 1, 2014)

Curve No. E5624EGPC1

- **Model**: 24ELXC
- **RPM**: 980
- **Efficiency Correction**: 0
- 1-STAGE: 0
- 2-STAGE: 0
- 3-STAGE: 0
- 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3544
- **K**: 51.7
- **Bowl O. D.**: 22.25 in
- **Bowl Lateral**: 0.87 in
- **Max. PSI**: 260
- **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.
**MODELS 24FHC** (Effective September 1, 2017)

**Model** 24FHC

**RPM** 980

**Efficiency Correction**
- 1-Stage: -0.5
- 2-Stage: 0
- 3-Stage: 0
- 4-Stage: 0

**Impeller** ENCLOSED

**Ns** = 4270

**K** = 31

**Bowl O.D.** 24.25 in

**Bowl Lateral Max. PSI** 0.87

**Disch size** 320

**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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**MODELS 24GHC** (Effective July 1, 2014)

**Model** 24GHC

**RPM** 980

**Efficiency Correction**
- 1-Stage: 0
- 2-Stage: 0
- 3-Stage: 0
- 4-Stage: 0

**Impeller** ENCLOSED

**Ns** = 5195

**K** = 60

**Bowl O.D.** 24.25 in

**Bowl Lateral Max. PSI** 1.62

**Disch size** 250

**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 24GHC**  *(Effective July 1, 2014)*

**Curve No. E5624GBPC1**

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<td>EFFICIENCY CORRECTION</td>
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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   | 5195 |
| K    | 60   |

| Bowl O. D. | 24.25 in |
| Bowl Lateral | 1.62 |
| Max. PSI | 250   |

**TURBINE OPERATIONS**

Lubbock, Texas

**USE FOR ADDITIONAL STAGE ONLY**

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

**Curve No. E5624GGPC1**

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

**Impeller** ENCLOSED

| Ns   | 4174 |
| K    | 68.7 |

| Bowl O. D. | 24.25 in |
| Bowl Lateral | 1.62 |
| Max. PSI | 300   |

**TURBINE OPERATIONS**

Lubbock, Texas

**USE FOR 1ST STAGE ONLY**

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)

![Graph for MODEL 24GLC](Image 1)

**Curve No. E5624GCPC1**

- **Model:** 24GLC
- **RPM:** 980
- **Impeller:** ENCLOSED
- **Ns:** 4654
- **K:** 59.5
- **Bowl O. D.:** 24.25 in
- **Bowl Lateral Max. PSI:** 1.62
- **Disch size:** 250

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

![Graph for MODEL 26GHC](Image 2)

**Curve No. E5626GBPC1**

- **Model:** 26GHC
- **RPM:** 980
- **Impeller:** ENCLOSED
- **Ns:** 4376
- **K:** 64.2
- **Bowl O. D.:** 26.00 in
- **Bowl Lateral:** 1
- **Max. PSI:** 230
- **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 26GHC  (Effective July 1, 2014)

Curve No. E5626GBPC1

Model 26GHC

RPM 980

EFFICIENCY CORRECTION

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

Impeller ENCLOSED

Ns = 4376

K = 64.2

Bowl O. D. 26.00 in

Bowl Lateral 1

Max. PSI 230

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 26GHXC  (Effective July 1, 2014)

Curve No. E5626GGPC1

Model 26GHXC

RPM 980

EFFICIENCY CORRECTION

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

Impeller ENCLOSED

Ns = 4130

K = 80.9

Bowl O. D. 26.00 in

Bowl Lateral 1

Max. PSI 200

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 28BHC** (Effective July 1, 2014)

Curve No. E5628BBPC1

**Model** 28BHC  
**RPM** 980  
**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** = 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. E5628BEPC1

**Model** 28BLC  
**RPM** 980  
**EFFICIENCY CORRECTION**

<table>
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<tr>
<th>Stage</th>
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<tbody>
<tr>
<td>1-STAGE</td>
<td>-3</td>
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<tr>
<td>2-STAGE</td>
<td>-1</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** = 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. E5628GBPC1**
- **Model**: 28GHC
- **RPM**: 980
- **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**: 190

**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

**MODEL 30BHC** *(Effective July 1, 2014)*

**Curve No. E5630BBPC1**
- **Model**: 30BHC
- **RPM**: 980
- **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

**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
**MODEL 30BHC**  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

**Curve No. E5630BBPC1**

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<th>Model</th>
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<tr>
<td>RPM</td>
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**EFFICIENCY CORRECTION**

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<tbody>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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**Impeller** ENCLOSED

<table>
<thead>
<tr>
<th>Ns</th>
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<tbody>
<tr>
<td>K</td>
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<table>
<thead>
<tr>
<th>Bowl O. D.</th>
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<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
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<tr>
<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.

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**MODEL 30BLC**  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

**Curve No. E5630BEPC1**

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

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<td>1-STAGE</td>
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<tr>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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**Impeller** ENCLOSED

<table>
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<tr>
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<td>Bowl Lateral</td>
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<td>Max. PSI</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 30BLC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

****

Curve No. E5630BEPC1

Model  30BLC

RPM  980

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

Impeller  ENCLOSED

Ns =  3557
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.
Xylem [ˈzɪləm]

1) The tissue in plants that brings water upward from the roots;  
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world’s water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services, and agricultural settings. With its October 2016 acquisition of Sensus, Xylem added smart metering, network technologies and advanced data analytics for water, gas and electric utilities to its portfolio of solutions. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xyleminc.com