Lineshaft and Submersible Turbine Pump Curves

3000 RPM CURVES - 50 CYCLE PERFORMANCE
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MODEL 5CHC  (Effective July 1, 2014)

Curve No. E5205CCPC1
Model  5CHC
RPM  2875

Efficiency Correction
1-Stage  -4
2-Stage  -3
3-Stage  -1.5
4-Stage  0

Impeller  ENCLOSED
Ns =  2187
K =  1.3

Bowl O. D.  5.20 in
Bowl Lateral  0.25
Max. PSI  480
Disch size  3", 4"

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 5CLC  (Effective July 1, 2014)

Curve No. E5205CFPC1
Model  5CLC
RPM  2875

Efficiency Correction
1-Stage  -4
2-Stage  -3
3-Stage  -1.5
4-Stage  0

Impeller  ENCLOSED
Ns =  2184
K =  1.4

Bowl O. D.  5.20 in
Bowl Lateral  0.25
Max. PSI  480
Disch size  3", 4"

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 5RWAHC (Effective July 1, 2014)

Curve No. E5205WAPC1

Model 5RWAHC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -4
2-STAGE -2
3-STAGE -1
4-STAGE 0

Impeller ENCLOSED
Ns = 1810
K = 1.3

Bowl O. D. 5.20 in
Bowl Lateral 0.5
Max. PSI 480
Disch size 3", 4"

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 5RWALC (Effective July 1, 2014)

Curve No. E5205WBPC1

Model 5RWALC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -4
2-STAGE -2
3-STAGE -1
4-STAGE 0

Impeller ENCLOSED
Ns = 2000
K = 1.3

Bowl O. D. 5.20 in
Bowl Lateral 0.5
Max. PSI 480
Disch size 3", 4"

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 5THC** *(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 5TLC** *(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 6CHC  (Effective September 1, 2017)

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Impeller: ENCLOSED

Ns = 2340
K = 2.1

Bowl O. D. 5.88 in
Bowl Lateral 0.25
Max. PSI 420
Disch size 3", 4"

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 6CLC  (Effective September 1, 2017)

Curve No. E5206CFPC1

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<td>4-STAGE</td>
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Impeller: ENCLOSED

Ns = 2292
K = 2.1

Bowl O. D. 5.88 in
Bowl Lateral 0.25
Max. PSI 420
Disch size 3", 4"

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 6DHHC  (Effective July 1, 2014)

Curve No. E5206DCPC1
Model 6DHHC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 3950
K = 5.6
Bowl O. D. 5.50 in
Bowl Lateral 0.56
Max. PSI 200
Disch size 3", 4"

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 6DHHO  (Effective July 1, 2014)

Curve No. E5206DDPC1
Model 6DHHO
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller OPEN
Ns = 3950
K = 5.6
Bowl O. D. 5.50 in
Bowl Lateral 0.56
Max. PSI 200
Disch size 3", 4"

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 6DHLC  (Effective July 1, 2014)

Curve No. E5206DEPC1

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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 6DHLO  (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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<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td><strong>Impeller</strong></td>
<td>ENCLOSED</td>
</tr>
<tr>
<td><strong>Ns</strong></td>
<td>1450</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td>1.18</td>
</tr>
<tr>
<td><strong>Bowl O. D.</strong></td>
<td>5.50 in</td>
</tr>
<tr>
<td><strong>Bowl Lateral</strong></td>
<td>0.25</td>
</tr>
<tr>
<td><strong>Max. PSI</strong></td>
<td>430</td>
</tr>
<tr>
<td><strong>Disch size</strong></td>
<td>3&quot;, 4&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 6RALC** (Effective September 1, 2017)

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>E5206RBPC1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>6RALC</td>
</tr>
<tr>
<td><strong>RPM</strong></td>
<td>2875</td>
</tr>
<tr>
<td><strong>EFFICIENCY CORRECTION</strong></td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-4</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td><strong>Impeller</strong></td>
<td>ENCLOSED</td>
</tr>
<tr>
<td><strong>Ns</strong></td>
<td>1270</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td>1.18</td>
</tr>
<tr>
<td><strong>Bowl O. D.</strong></td>
<td>5.50 in</td>
</tr>
<tr>
<td><strong>Bowl Lateral</strong></td>
<td>0.25</td>
</tr>
<tr>
<td><strong>Max. PSI</strong></td>
<td>430</td>
</tr>
<tr>
<td><strong>Disch size</strong></td>
<td>3&quot;, 4&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 7CHC** (Effective September 1, 2017)

- **Curve No.** E5207CCPC1
- **Model** 7CHC
- **RPM** 2875
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller** ENCLOSED
- **Ns** = 2210
- **K** = 3.5
- **Bowl O. D.** 7.13 in
- **Max. PSI** 415
- **Disch size** 4", 5", 6"

**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 7CHO** (Effective July 1, 2014)

- **Curve No.** E5207CHPC1
- **Model** 7CHO
- **RPM** 2875
- **Efficiency Correction**
  - 1-STAGE: -2
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller** OPEN
- **Ns** = 2300
- **K** = 3.8
- **Bowl O. D.** 7.13 in
- **Bowl Lateral** 0.5
- **Max. PSI** 415
- **Disch size** 4", 5", 6"

**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 7CLC  (Effective September 1, 2017)

Curve No. E5207CFPC1

Model  7CLC

RPM  2875

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

Impeller  ENCLOSED

Ns =  2422
K =  3.5

Bowl O. D.  7.13 in
Bowl Lateral  0.5
Max. PSI  415
Disch size  4", 5", 6"

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 7CLO  (Effective July 1, 2014)

Curve No. E5207CJPC1

Model  7CLO

RPM  2875

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

Impeller  OPEN

Ns =  2160
K =  3.8

Bowl O. D.  7.13 in
Bowl Lateral  0.5
Max. PSI  415
Disch size  4", 5", 6"

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 7RAHC** *(Effective September 1, 2017)*

**Curve No. E5207RAPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>7RAHC</th>
</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>Efficiency Correction</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-4</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
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<td>3-STAGE</td>
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<tr>
<td>Ns =</td>
<td>1290</td>
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<tr>
<td>K =</td>
<td>1.61</td>
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<tr>
<td>Bowl O. D.</td>
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</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.25</td>
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<tr>
<td>Max. PSI</td>
<td>430</td>
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<tr>
<td>Disch size</td>
<td>3&quot;, 4&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 7RALC** *(Effective July 1, 2014)*

**Curve No. E5207RBPC1**

<table>
<thead>
<tr>
<th>Model</th>
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</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>2875</td>
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<tr>
<td>Efficiency Correction</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-4</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-1</td>
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<tr>
<td>4-STAGE</td>
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<td>Impeller</td>
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<tr>
<td>Ns =</td>
<td>1325</td>
</tr>
<tr>
<td>K =</td>
<td>1.61</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>7.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.25</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>430</td>
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<tr>
<td>Disch size</td>
<td>3&quot;, 4&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.
**MODEL 7THC** (Effective July 1, 2014)

![Graph for MODEL 7THC]

**Curve No. E5207TFPC1**

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>RPM</td>
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<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>
<td>-2</td>
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<tr>
<td>3-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
<td>3655</td>
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<td>K</td>
<td>6.78</td>
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<tr>
<td>Bowl O. D.</td>
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<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
<td>310</td>
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<tr>
<td>Disch size</td>
<td>5&quot;, 6&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.

---

**MODEL 7TLC** (Effective July 1, 2014)

![Graph for MODEL 7TLC]

**Curve No. E5207TAPC1**

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
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<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-3</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>3575</td>
</tr>
<tr>
<td>K</td>
<td>4.5</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>7.13 in</td>
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<tr>
<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
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<tr>
<td>Disch size</td>
<td>5&quot;, 6&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 7WAHC  (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 7WALC  (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 8FDHC** *(Effective July 1, 2014)*

Curve No. E5208FDPC1

- **Model**: 8FDHC
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: -4
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3850
- **K**: 7.9
- **Bowl O. D.**: 7.31 in
- **Bowl Lateral**: 0.56
- **Max. PSI**: 400
- **Disch size**: 5", 6"

**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 8FDHO** *(Effective July 1, 2014)*

Curve No. E5208FEPC1

- **Model**: 8FDHO
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1.5
  - 3-STAGE: -1
  - 4-STAGE: 0
- **Impeller**: OPEN
- **Ns**: 3850
- **K**: 9.9
- **Bowl O. D.**: 7.31 in
- **Bowl Lateral**: 0.56
- **Max. PSI**: 400
- **Disch size**: 5", 6"

**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 8FDLC**  
*(Effective July 1, 2014)*

Curve No. E5208FFPC1  
**Model** 8FDLC  
**RPM** 2875  
**EFFICIENCY CORRECTION**  
1-STAGE -3  
2-STAGE -1.5  
3-STAGE -1  
4-STAGE 0  
**Impeller** ENCLOSED  
**Ns** = 3750  
**K** = 7.9  
Bowl O. D. 7.31 in  
Bowl Lateral 0.56  
Max. PSI 400  
Disch size 5", 6"  

**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 8FDLO**  
*(Effective July 1, 2014)*

Curve No. E5208FGPC1  
**Model** 8FDLO  
**RPM** 2875  
**EFFICIENCY CORRECTION**  
1-STAGE -3  
2-STAGE -1.5  
3-STAGE -1  
4-STAGE 0  
**Impeller** OPEN  
**Ns** = 3750  
**K** = 9.9  
Bowl O. D. 7.31 in  
Bowl Lateral 0.56  
Max. PSI 400  
Disch size 5", 6"  

**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 8RAHC** (Effective July 1, 2014)

![Graph of Model 8RAHC](image)

**Curve No. E5208RACP1**

- **Model**: 8RAHC
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: -4
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 1184
- **K**: 2
- **Bowl O. D.**: 7.50 in
- **Bowl Lateral**: 0.25
- **Max. PSI**: 430
- **Disch size**: 4", 5", 6"

**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 8RALC** (Effective July 1, 2014)

![Graph of Model 8RALC](image)

**Curve No. E5208RBPC1**

- **Model**: 8RALC
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: -4
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 1208
- **K**: 2
- **Bowl O. D.**: 7.50 in
- **Bowl Lateral**: 0.25
- **Max. PSI**: 430
- **Disch size**: 4", 5", 6"

**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 8RJHC** (Effective July 1, 2014)

![Graph of MODEL 8RJHC](image)

Curve No. E5208RCPC1
- **Model**: 8RJHC
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
  - \( N_s = 2849 \)
  - \( K = 4 \)
- **Bowl O. D.**: 7.50 in
- **Max. PSI**: 425
- **Disch size**: 4", 5", 6"

**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 8RJHO** (Effective July 1, 2014)

![Graph of MODEL 8RJHO](image)

Curve No. E5208RDPC1
- **Model**: 8RJHO
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: OPEN
  - \( N_s = 2825 \)
  - \( K = 5.3 \)
- **Bowl O. D.**: 7.50 in
- **Max. PSI**: 425
- **Disch size**: 4", 5", 6"

**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. E5208REPC1
Model 8RJLC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 2815
K = 4
Bowl O. D. 7.50 in
Bowl Lateral 0.62
Max. PSI 425
Disch size 4", 5", 6"

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 8RJLO  (Effective July 1, 2014)

Curve No. E5208RFPC1
Model 8RJLO
RPM 2875
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller OPEN
Ns = 2625
K = 5.3
Bowl O. D. 7.50 in
Bowl Lateral 0.63
Max. PSI 425
Disch size 4", 5", 6"

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 9RCHC** *(Effective July 1, 2014)*

Curve No. E5209CCPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>9RCHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>2875</td>
</tr>
</tbody>
</table>

**Efficiency Correction**

1-STAGE: -2  
2-STAGE: -1  
3-STAGE: -0.5  
4-STAGE: 0

**Impeller**  
ENCLOSED  
Ns = 2283  
K = 4.9

**Bowl O.D.**  
9.25 in

**Bowl Lateral**  
0.88

**Max. PSI**  
400

**Disch size**  
5", 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 9RCHO** *(Effective July 1, 2014)*

Curve No. E5209CHPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>9RCHO</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>2875</td>
</tr>
</tbody>
</table>

**Efficiency Correction**

1-STAGE: -2  
2-STAGE: -1  
3-STAGE: -0.5  
4-STAGE: 0

**Impeller**  
OPEN  
Ns = 2300  
K = 7

**Bowl O.D.**  
9.25 in

**Bowl Lateral**  
0.88

**Max. PSI**  
400

**Disch size**  
5", 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 9RCLC  (Effective July 1, 2014)

Curve No. E5209CFPC1
Model 9RCLC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 2282
K = 4.9
Bowl O. D. 9.25 in
Bowl Lateral 0.88
Max. PSI 400
Disch size 5", 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 9RCLO  (Effective July 1, 2014)

Curve No. E5209CJPC1
Model 9RCLO
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller OPEN
Ns = 2290
K = 7
Bowl O. D. 9.25 in
Bowl Lateral 0.88
Max. PSI 400
Disch size 5", 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 9THC** *(Effective July 1, 2014)*

![Graph of MODEL 9THC performance curve]

**Curve No. E5209TFPC1**

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<td>2-STAGE</td>
<td>-1</td>
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<td>K</td>
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<tr>
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<td>9.25 in</td>
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<tr>
<td>Bowl Lateral</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 9TLC** *(Effective July 1, 2014)*

![Graph of MODEL 9TLC performance curve]

**Curve No. E5209TAPC1**

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<td>530</td>
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<tr>
<td>Disch size</td>
<td>5&quot;, 6&quot;, 8&quot;</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 9WAHC  (Effective September 1, 2017)

Curve No. E5209WAPC1

Model  9WAHC

RPM  2875

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

Impeller  ENCLOSED

Ns =  1600
K =  3.75

Bowl O. D.  9.25 in
Bowl Lateral  0.56
Max. PSI  530
Disch size  5", 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 9WALC  (Effective July 1, 2014)

Curve No. E5209WBPC1

Model  9WALC

RPM  2875

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

Impeller  ENCLOSED

Ns =  1660
K =  3.75

Bowl O. D.  9.25 in
Bowl Lateral  0.56
Max. PSI  530
Disch size  5", 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 10RAHC  (Effective September 1, 2017)

Curves No. E5210RAPC1

Model 10RAHC
RPM 2875

Efficiency Correction

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

Impeller ENCLOSED

Ns = 1550
K = 3.75

Bowl O.D. 9.50 in
Bowl Lateral 0.38
Max. PSI 450
Disch size 4", 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.

USE FOR 1ST STAGE ONLY

MODEL 10RAHXC  (Effective July 1, 2014)

Curves No. E5210RPPC1

Model 10RAHXC
RPM 2960

Efficiency Correction

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<th>Correction</th>
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<tr>
<td>2-STAGE</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 = 1747
K = 5.5

Bowl O.D. 9.50 in
Bowl Lateral 0.37
Max. PSI 450
Disch size 4", 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.

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 10RALC** (Effective September 1, 2017)

- **Curve No. E5210RBPC1**
  - Model: 10RALC
  - RPM: 2875
  - Impeller: ENCLOSED
  - Ns = 1625
  - K = 3.75
  - Bowl O. D.: 9.50 in
  - Bowl Lateral: 0.38
  - Max. PSI: 450
  - Disch size: 4", 6", 8"

**MODEL 10RJHC** (Effective September 1, 2017)

- **Curve No. E6410RCPC1**
  - Model: 10RJHC
  - RPM: 2950
  - Impeller: ENCLOSED
  - Ns = 2760
  - K = 7
  - Bowl O. D.: 9.50 in
  - Bowl Lateral: 0.75
  - Max. PSI: 430
  - Disch size: 6", 8"
**MODEL 10RJLC** *(Effective September 1, 2017)*

Curve No. E5210REPC1

<table>
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<tr>
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<th>RPM 2950</th>
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</thead>
<tbody>
<tr>
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<td>Impeller</td>
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<tr>
<td>Ns</td>
<td>2760</td>
</tr>
<tr>
<td>K</td>
<td>7</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>9.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>Max. PSI</td>
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<td>Disch size</td>
<td>6&quot;, 8&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 10RJLO** *(Effective July 1, 2014)*

Curve No. E5210RFPC1

<table>
<thead>
<tr>
<th>Model 10RJLO</th>
<th>RPM 2875</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>1-STAGE</td>
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<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
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</tr>
<tr>
<td>Impeller</td>
<td>OPEN</td>
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<tr>
<td>Ns</td>
<td>2760</td>
</tr>
<tr>
<td>K</td>
<td>9.5</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>9.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>Max. PSI</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&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.
MODEL 10RJMC (Effective July 1, 2014)

Curve No. E5210RGPC1
Model 10RJMC
RPM 2875

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

Impeller ENCLOSED
Ns = 2610
K = 7

Bowl O. D. 9.50 in
Bowl Lateral 0.75
Max. PSI 430
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 10RJMO (Effective July 1, 2014)

Curve No. E5210RHPC1
Model 10RJMO
RPM 2875

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

Impeller OPEN
Ns = 2565
K = 9.5

Bowl O. D. 9.50 in
Bowl Lateral 0.75
Max. PSI 430
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 10WAHC (Effective July 1, 2014)

Curve No. E5210WAPC1

Model 10WAHC

RPM 2875

EFFICIENCY CORRECTION

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<th>Correction</th>
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<tbody>
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<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
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</tr>
<tr>
<td>4-STAGE</td>
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</tbody>
</table>

Impeller ENCLOSED

Ns = 1695

K = 4.6

Bowl O. D. 9.50 in

Bowl Lateral 0.63

Max. PSI 375

Disch size 4", 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 10WALC (Effective July 1, 2014)

Curve No. E5210WBPC1

Model 10WALC

RPM 2875

EFFICIENCY CORRECTION

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

Impeller ENCLOSED

Ns = 1700

K = 4.6

Bowl O. D. 9.50 in

Bowl Lateral 0.63

Max. PSI 375

Disch size 4", 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 11CHC  (Effective July 1, 2014)

MODEL 11CLC  (Effective September 1, 2017)
MODEL 11CLO  (Effective July 1, 2014)

- Curve No. E5211CJPC1
- Model 11CLO
- RPM 2875
- Efficiency Correction
  - 1-STAGE: -1.5
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- Impeller: OPEN
- Ns = 2230
- K = 9.1
- Bowl O. D.: 11.00 in
- Bowl Lateral: 0.88
- Max. PSI: 380
- 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 11CMC  (Effective September 1, 2017)

- Curve No. E5211CGPC1
- Model 11CMC
- RPM 2875
- Efficiency Correction
  - 1-STAGE: -1.5
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- Impeller: ENCLOSED
- Ns = 2195
- K = 10.4
- Bowl O. D.: 11.00 in
- Bowl Lateral: 0.88
- Max. PSI: 380
- 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 11RAHC** *(Effective July 1, 2014)*

Curve No. E5211RAPC1

- **Model**: 11RAHC
- **RPM**: 2875
- **Efficiency Correction**
  - 1-STAGE: -5
  - 2-STAGE: -3
  - 3-STAGE: -1
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 1560
- **K**: 5.3
- **Bowl O.D.**: 11.60 in
- **Bowl Lateral Max. PSI**: 0.38
- **Max. PSI**: 400
- **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.

**TURBINE OPERATIONS**

Lubbock, Texas

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**MODEL 11RAHXC** *(Effective July 1, 2014)*

USE FOR 1ST STAGE ONLY

Curve No. E5211RPPC1

- **Model**: 11RAHXC
- **RPM**: 2960
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 1663
- **K**: 11.8
- **Bowl O.D.**: 11.60 in
- **Bowl Lateral Max. PSI**: 0.37
- **Max. PSI**: 400
- **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.

**TURBINE OPERATIONS**

Lubbock, Texas

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<th>Power - hp</th>
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<tr>
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<td>400</td>
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MODEL 11RALC  (Effective July 1, 2014)

Curve No. E5211RBPC1
Model 11RALC
RPM 2875

<table>
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<tr>
<th>EFFICIENCY CORRECTION</th>
<th>1-STAGE</th>
<th>2-STAGE</th>
<th>3-STAGE</th>
<th>4-STAGE</th>
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<tr>
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Impeller ENCLOSED
Ns = 1585
K = 5.3

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<th>Bowl O. D.</th>
<th>11.60 in</th>
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<tbody>
<tr>
<td>Bowl Lateral</td>
<td>0.38</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>400</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.

MODEL 11WAHC  (Effective July 1, 2014)

Curve No. E5211WAPC1
Model 11WAHC
RPM 2875

<table>
<thead>
<tr>
<th>EFFICIENCY CORRECTION</th>
<th>1-STAGE</th>
<th>2-STAGE</th>
<th>3-STAGE</th>
<th>4-STAGE</th>
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<tr>
<td></td>
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Impeller ENCLOSED
Ns = 1750
K = 6

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<th>Bowl O. D.</th>
<th>11.00 in</th>
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<tbody>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
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<tr>
<td>Max. PSI</td>
<td>380</td>
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<tr>
<td>Disch size</td>
<td>5&quot; , 6&quot; , 8&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.
MODEL 11WALC  (Effective July 1, 2014)

Curve No.  E5211WBPC1
Model 11WALC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE  -3
2-STAGE  -2
3-STAGE  -1
4-STAGE  0
Impeller ENCLOSED
Ns = 1650
K = 6
Bowl O. D. 11.00 in
Bowl Lateral 0.75
Max. PSI 380
Disch size 5", 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 12CLC  (Effective September 1, 2017)

Curve No.  E5212CFPC1
Model 12CLC
RPM 2875
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.** E5212CJPC1  
**Model** 12CLO  
**RPM** 2875  

<table>
<thead>
<tr>
<th>EFFICIENCY CORRECTION</th>
<th>1-STAGE</th>
<th>2-STAGE</th>
<th>3-STAGE</th>
<th>4-STAGE</th>
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<tr>
<td>Impeller</td>
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<tr>
<td>Ns</td>
<td>2260</td>
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<td></td>
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</tr>
<tr>
<td>K</td>
<td>10</td>
<td></td>
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</tbody>
</table>

- **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.

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

**Curve No.** E5212CGPC1  
**Model** 12CMC  
**RPM** 2950  

<table>
<thead>
<tr>
<th>EFFICIENCY CORRECTION</th>
<th>1-STAGE</th>
<th>2-STAGE</th>
<th>3-STAGE</th>
<th>4-STAGE</th>
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</thead>
<tbody>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
<td>2240</td>
<td></td>
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<tr>
<td>K</td>
<td>7.5</td>
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</table>

- **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 12CMO  (Effective July 1, 2014)

![Turbine Performance Curve](image1.png)

**Curve No. E5212CKPC1**

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<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-0.5</td>
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<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>OPEN</td>
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<td>Ns</td>
<td>2240</td>
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<td>K</td>
<td>11</td>
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<td>Bowl O. D.</td>
<td>11.75 in</td>
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<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
<td>340</td>
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<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</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 12WAHC  (Effective July 1, 2014)

![Turbine Performance Curve](image2.png)

**Curve No. E5212WAPC1**

<table>
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<th>Model</th>
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<tbody>
<tr>
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<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-1</td>
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<tr>
<td>4-STAGE</td>
<td>-0.5</td>
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<tr>
<td>Impeller</td>
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<tr>
<td>Ns</td>
<td>1660</td>
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<td>K</td>
<td>7</td>
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<tr>
<td>Bowl O. D.</td>
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<tr>
<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
<td>390</td>
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<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</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 12WALC  (Effective July 1, 2014)

Curve No. E5212WBPC1
Model 12WALC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller ENCLOSED
Ns = 1725
K = 7
Bowl O. D. 11.60 in
Bowl Lateral 0.75 in
Max. PSI 390 PSI
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 13RAHC  (Effective July 1, 2014)

Curve No. E5213RACP1
Model 13RAHC
RPM 2875
EFFICIENCY CORRECTION
1-STAGE -5
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller ENCLOSED
Ns = 1760
K = 7.9
Bowl O. D. 13.38 in
Bowl Lateral 0.5 in
Max. PSI 430 PSI
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 13RAHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

CURVE No. E5213ABPC1
Model 13RAHXC
RPM 2960
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 1843
K = 10
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)

USE FOR 1ST STAGE ONLY

CURVE No. E5213RBPC1
Model 13RALC
RPM 2875
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.
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