Lineshaft and Submersible Turbine Pump Curves

1500 RPM CURVES - 50 CYCLE PERFORMANCE
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**MODEL 5RWAHC (Effective July 1, 2014)**

```
Curve No. E5405WAPC1
Model 5RWAHC
RPM 1460
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. E5405WBPC1
Model 5RWALC
RPM 1460
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)

Curve No. E5405TFPC1

Model  5THC

RPM  1475

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

Impeller ENCLOSED

Ns = 3395
K = 2.36

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 5TLC  (Effective July 1, 2014)

Curve No. E5405TAPC1

Model  5TLC

RPM  1475

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

Impeller ENCLOSED

Ns = 3078
K = 2.36

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 6CHC** *(Effective September 1, 2017)*

![Graph of Model 6CHC Performance](image)

**Curve No. E5406CCPC1**

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<tr>
<td>2-STAGE</td>
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</tr>
<tr>
<td>3-STAGE</td>
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<td>4-STAGE</td>
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<tr>
<td><strong>Impeller</strong></td>
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<td><strong>Bowl O. D.</strong></td>
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<td><strong>Max. PSI</strong></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 6CLC** *(Effective September 1, 2017)*

![Graph of Model 6CLC Performance](image)

**Curve No. E5406CFPC1**

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<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
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<td>4-STAGE</td>
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<td><strong>Bowl Lateral</strong></td>
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<td><strong>Max. PSI</strong></td>
<td>420</td>
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<tr>
<td><strong>Disch size</strong></td>
<td>3”, 4”</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 6DHHC  (Effective July 1, 2014)

Curve No. E5406DCPC1
Model  6DHHC
RPM  1475

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. E5406DDPC1
Model  6DHHO
RPM  1475

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. E5406DEPC1
Model  6DHLC
RPM  1475

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

Impeller  ENCLOSED
Ns =  4280
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 6DHLO  (Effective July 1, 2014)

Curve No. E5406DFPC1
Model  6DHLO
RPM  1475

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

Impeller  OPEN
Ns =  4280
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 6MO  (Effective September 1, 2017)

Curve No. E5406MCPC1

Model 6MO

RPM 1475

EFFICIENCY CORRECTION

1-STAGE 0
2-STAGE N/A
3-STAGE N/A
4-STAGE N/A

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 6RAHC  (Effective September 1, 2017)

Curve No. E5406RAPC1

Model 6RAHC

RPM 1475

EFFICIENCY CORRECTION

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

Impeller ENCLOSED

Ns = 1280
K = 1.18

Bowl O. D. 5.50 in
Bowl Lateral 0.25
Max. PSI 430
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 6RALC  (Effective September 1, 2017)

Curve No. E5406RBPC1

Model  6RALC

RPM  1475

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

Impeller  ENCLOSED

Ns =  1270

K =  1.18

Bowl O. D.  5.50 in
Bowl Lateral  0.25
Max. PSI  430
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 7CHC  (Effective September 1, 2017)

Curve No. E5407CCPC1

Model  7CHC

RPM  1475

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
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.
Turbine

MODEL 7CHO  (Effective July 1, 2014)

Curve No.  E5407CHPC1  

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<td>1-STAGE</td>
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<tr>
<td>2-STAGE</td>
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<td>3-STAGE</td>
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BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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.  E5407CFPC1  

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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
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<tr>
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BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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. E5407CJPC1
Model  7CLO
RPM  1475
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. E5407RAPC1
Model  7RAHC
RPM  1475
EFFICIENCY CORRECTION
1-STAGE  -4
2-STAGE  -2
3-STAGE  -1
4-STAGE  0
Impeller  ENCLOSED
Ns =  1290
K =  1.61
Bowl O. D.  7.50 in
Bowl Lateral  0.25
Max. PSI  430
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 7RALC  (Effective July 1, 2014)

Curve No. E5407RBPC1

Model  7RALC

RPM  1475

EFFICIENCY CORRECTION

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

Impeller  ENCLOSED

Ns  =  1325
K  =  1.61

Bowl O. D.  7.50 in
Bowl Lateral  0.25
Max. PSI  430
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 7THC  (Effective July 1, 2014)

Curve No. E5407TFPC1

Model  7THC

RPM  1475

EFFICIENCY CORRECTION

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

Impeller  ENCLOSED

Ns  =  3655
K  =  6.78

Bowl O. D.  7.13 in
Bowl Lateral  10
Max. PSI  310
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 7TLC** *(Effective July 1, 2014)*

![Graph](image1)

**Curve No. E5407TAPC1**

<table>
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<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>
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</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>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.38</td>
</tr>
<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 7WAHC** *(Effective July 1, 2014)*

![Graph](image2)

**Curve No. E5407WAPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>7WAHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-0.5</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns =</td>
<td>1567</td>
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<tr>
<td>K =</td>
<td>2.63</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>7.13 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.5</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>365</td>
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<tr>
<td>Disch size</td>
<td>4&quot;, 5&quot;, 6&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 7WALC  (Effective July 1, 2014)

Curve No.  E5407WBPC1
Model  7WALC
RPM  1475

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

Impeller  ENCLOSED
Ns =  1655
K =  2.63

Bowl O. D.  7.13 in
Bowl Lateral  0.5
Max. PSI  365
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 8FDHC  (Effective July 1, 2014)

Curve No.  E5408FDPC1
Model  8FDHC
RPM  1475

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.
MODEL 8FDHO  (Effective July 1, 2014)

Curve No. E5408FEPC1

<table>
<thead>
<tr>
<th>Model</th>
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</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
</tbody>
</table>

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. 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. E5408FFPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>8FDLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
</tbody>
</table>

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. 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. E5408FGPC1**

**Model** 8FDLO

**RPM** 1475

**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 in
- **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)*

**Curve No. E5408RAPC1**

**Model** 8RAHC

**RPM** 1475

**Efficiency Correction**

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

**Impeller** ENCLOSED

**Ns** = 3750

**K** = 9.9

- **Bowl O. D.** 7.50 in
- **Bowl Lateral** 0.56 in
- **Max. PSI** 400
- **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 8RALC (Effective July 1, 2014)

Curve No. E5408RBPC1

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
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<tr>
<td>1-STAGE</td>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
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<td>Ns</td>
<td>1208</td>
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<tr>
<td>K</td>
<td>2</td>
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<tr>
<td>Bowl O. D.</td>
<td>7.50 in</td>
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<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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<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 8JHC (Effective July 1, 2014)

Curve No. E5408RCPC1

<table>
<thead>
<tr>
<th>Model</th>
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</tr>
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<tbody>
<tr>
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<tr>
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<tr>
<td>1-STAGE</td>
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</tr>
<tr>
<td>2-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>2765</td>
</tr>
<tr>
<td>K</td>
<td>4</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>7.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.63</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>425</td>
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<tr>
<td>Disch size</td>
<td>4&quot;, 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 8RJHO** *(Effective July 1, 2014)*

**Curve No. E5408RDPC1**

**Model** 8RJHO  
**RPM** 1475  
**EFFICIENCY CORRECTION**
- 1-STAGE: 0
- 2-STAGE: 0
- 3-STAGE: 0
- 4-STAGE: 0

**Impeller** OPEN  
**Ns** = 2825  
**K** = 5.3  
**Bowl O. D.** 7.50 in  
**Bowl Lateral** 0.63  
**Max. PSI** 425  
**Disch size** 4", 5", 6"

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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 8RJLC** *(Effective September 1, 2017)*

**Curve No. E5408REPC1**

**Model** 8RJLC  
**RPM** 1475  
**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"

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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 8RJLO** *(Effective July 1, 2014)*

![Graph of Model 8RJLO performance curve](image)

**Curve No. E5408RFPC1**

- **Model**: 8RJLO
- **RPM**: 1475
- **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
- **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)*

![Graph of Model 9RCHC performance curve](image)

**Curve No. E5409CCPC1**

- **Model**: 9RCHC
- **RPM**: 1475
- **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.
Turbine

MODEL 9RCHO  (Effective July 1, 2014)

Curve No. E5409CHPC1

<table>
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</tr>
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<tbody>
<tr>
<td>RPM</td>
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</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
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</tr>
<tr>
<td>2-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-0.5</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

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. E5409CFPC1

<table>
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<tr>
<th>Model</th>
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</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
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<td>1-STAGE</td>
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<tr>
<td>2-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-0.5</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

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. E5409CJPC1
Model 9RCLO
RPM 1475
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)

Curve No. E5409TFPC1
Model 9THC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 3587
K = 9
Bowl O. D. 9.25 in
Bowl Lateral 0.75
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 9TLC** *(Effective July 1, 2014)*

**Curve No. E5409TAPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>9TLC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RPM</strong></td>
<td>1475</td>
</tr>
</tbody>
</table>

**EFFICIENCY CORRECTION**

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

**Impeller** ENCLOSED

Ns = 3725

K = 9

- **Bowl O. D.** 9.25 in
- **Bowl Lateral** 0.75
- **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.

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**MODEL 9WAHC** *(Effective September 1, 2017)*

**Curve No. E5409WAPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>9WAHC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RPM</strong></td>
<td>1475</td>
</tr>
</tbody>
</table>

**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.
Turbine

MODEL 9WALC  (Effective July 1, 2014)

Curve No. E5409WBPC1
Model  9WALC
RPM  1475

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 10DHHC  (Effective September 1, 2017)

Curve No. E5410DCPC1
Model  10DHHC
RPM  1475

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

Impeller  ENCLOSED
Ns = 4340
K = 12.4

Bowl O. D. 9.50 in
Bowl Lateral 0.75
Max. PSI 320
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 10DHHO (Effective July 1, 2014)

Curve No. E5410DDPC1
Model 10DHHO
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller OPEN
Ns = 3880
K = 15.5
Bowl O. D. 9.50 in
Bowl Lateral 0.75
Max. PSI 320
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 10DHLC (Effective July 1, 2014)

Curve No. E5410DEPC1
Model 10DHLC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller ENCLOSED
Ns = 4513
K = 12.4
Bowl O. D. 9.50 in
Bowl Lateral 0.75
Max. PSI 320
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 10DHLO  (Effective July 1, 2014)

Curve No. E5410DFPC1
Model 10DHLO
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -4
2-STAGE -3
3-STAGE -1
4-STAGE 0
Impeller OPEN
Ns = 4650
K = 15.5
Bowl O. D. 9.50 in
Bowl Lateral 0.75
Max. PSI 320
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.

USE FOR 1ST STAGE ONLY

MODEL 10DXC  (Effective July 1, 2014)

Curve No. E5410DMPC1
Model 10DXC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 3110
K = 14
Bowl O. D. 9.50 in
Bowl Lateral 0.62
Max. PSI 400
Disch size 6", 8"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 10LHC  (Effective July 1, 2014)

Curve No. E5410LAPC1
Model 10LHC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 5350
K = 14
Bowl O. D. 9.50 in
Bowl Lateral 0.5
Max. PSI 245
Disch size 8", 10"

BORFREE PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
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 10MO  (Effective September 1, 2017)

Curve No. E5410MCPC1
Model 10MO
RPM 1475
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE N/A
3-STAGE N/A
4-STAGE N/A
Impeller OPEN
Ns = 6723
K = 24
Bowl O. D. 16.00 in
Bowl Lateral 0.31
Max. PSI 270
Disch size 10", 12" (W/L ONLY)

BORFREE PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
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)*

Curve No. E5410RAPC1

- **Model:** 10RAHC
- **RPM:** 1475
- **Efficiency Correction**
  - 1-STAGE: -4
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: 0
- **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.

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

USE FOR 1ST STAGE ONLY

Curve No. E5410RPPC1

- **Model:** 10RAHXC
- **RPM:** 1475
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **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.
**MODEL 10RALC** (Effective September 1, 2017)

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**Model** 10RALC  
**RPM** 1475

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

**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"

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**TURBINE OPERATIONS**  
Lubbock, Texas

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

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

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**Model** 10RJHC  
**RPM** 1475

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

**Impeller** ENCLOSED  
**Ns** = 2880  
**K** = 7

**Bowl O. D.** 9.50 in  
**Bowl Lateral** 0.75

**Max. PSI** 430  
**Disch size** 6", 8"

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**TURBINE OPERATIONS**  
Lubbock, Texas

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**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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 10RJHO** (Effective July 1, 2014)

**Curve No. E5410RDPC1**

<table>
<thead>
<tr>
<th>Model 10RJHO</th>
<th>RPM 1475</th>
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<tbody>
<tr>
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<td>Ns</td>
<td>2740</td>
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<tr>
<td>K</td>
<td>9.5</td>
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<tr>
<td>Bowl O. D.</td>
<td>9.50 in</td>
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<tr>
<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
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<td>Disch size</td>
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**TURBINE OPERATIONS**

Lubbock, Texas

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

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

**Curve No. E5410REPC1**

<table>
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<tr>
<th>Model 10RJLC</th>
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<tbody>
<tr>
<td>EFFICIENCY CORRECTION</td>
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<tr>
<td>1-STAGE</td>
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<tr>
<td>Ns</td>
<td>2760</td>
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<tr>
<td>K</td>
<td>7</td>
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<tr>
<td>Bowl O. D.</td>
<td>9.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
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<tr>
<td>Max. PSI</td>
<td>430</td>
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<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 10RJLO (Effective July 1, 2014)

Curve No. E5410RFPC1

Model 10RJLO
RPM 1475

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

Impeller OPEN
Ns = 2760
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 10RJMC (Effective July 1, 2014)

Curve No. E5410RGPC1

Model 10RJMC
RPM 1475

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)

TURBINE OPERATIONS
Lubbock, Texas

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<td>K</td>
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<td>Bowl O. D.</td>
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<tr>
<td>9.50 in</td>
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<tr>
<td>Bowl Lateral</td>
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<td>Disch size</td>
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<td>6&quot;, 8&quot;</td>
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</table>
| BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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)

TURBINE OPERATIONS
Lubbock, Texas

<table>
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<th>Curve No. E5410WAPC1</th>
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<td>Model</td>
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<td>RPM</td>
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<td>1-STAGE</td>
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<td>4-STAGE</td>
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<td>Impeller</td>
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<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
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<td>1695</td>
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<td>K</td>
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<tr>
<td>4.6</td>
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<td>Bowl O. D.</td>
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<tr>
<td>9.50 in</td>
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<tr>
<td>Bowl Lateral</td>
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<td>0.63</td>
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<td>Max. PSI</td>
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</table>
| BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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. E5410WBPC1
Model 10WALC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller ENCLOSED
Ns = 1700
K = 4.6
Bowl O. D. 9.50 in
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)

Curve No. E5411CCPC1
Model 11CHC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -1.5
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 2130
K = 7
Bowl O. D. 11.00 in
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 11CHO** *(Effective July 1, 2014)*

**Curve No. E5411CHPC1**

- **Model**: 11CHO
- **RPM**: 1475
- **Efficiency Correction**:
  - 1-STAGE: -1.5
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0

**Impeller**: OPEN

- **Np** = 2130
- **K** = 9.1

**Bowl O. D.**: 11.00 in

**Max. PSI**: 380

**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 11CLC** *(Effective September 1, 2017)*

**Curve No. E5411CFPC1**

- **Model**: 11CLC
- **RPM**: 1475
- **Efficiency Correction**:
  - 1-STAGE: -1.5
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0

**Impeller**: ENCLOSED

- **Np** = 2230
- **K** = 7

**Bowl O. D.**: 11.00 in

**Max. PSI**: 380

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

Curve No. E5411CJPC1
Model 11CLO
RPM 1475
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. E5411CGPC1
Model 11CMC
RPM 1475
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. E5411RAPC1**

- **Model**: 11RAHC
- **RPM**: 1475
- **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
- **Max. PSI**: 400
- **Disch size**: 6", 8", 10"

**TURBINE OPERATIONS**

Lubbock, Texas

Bowen performance curve based on pumping clear, non-aerated water. Rated point only is guaranteed. 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 11RAHXC** (Effective July 1, 2014)

**Curve No. E5411RPPC1**

- **Model**: 11RAHXC
- **RPM**: 1475
- **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**: 0.37
- **Max. PSI**: 400
- **Disch size**: 6", 8", 10"

**TURBINE OPERATIONS**

Lubbock, Texas

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

MODEL 11RALC  (Effective July 1, 2014)

Curve No. E5411RBPC1
Model 11RALC
RPM 1475

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

Impeller ENCLOSED
Ns = 1585
K = 5.3

Bowl O. D. 11.60 in
Bowl Lateral 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.

MODEL 11WAHC  (Effective July 1, 2014)

Curve No. E5411WAPC1
Model 11WAHC
RPM 1475

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

Impeller ENCLOSED
Ns = 1750
K = 6

Bowl O. D. 11.00 in
Bowl Lateral 0.75
Max. PSI 380
Disch size 5”, 6”, 8”

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
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)

**Model 11WALC**

**RPM** 1475

EFFICIENCY CORRECTION

<table>
<thead>
<tr>
<th>Stages</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

**Impeller** ENCLOSED

**Ns** = 1600

**K** = 6

**Bowl O. D.** 11.00 in

**Bowl Lateral** 0.75 in

**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.

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

**Model 12CHC**

**RPM** 1475

EFFICIENCY CORRECTION

<table>
<thead>
<tr>
<th>Stages</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-STAGE</td>
<td>-3</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-0.5</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

**Impeller** ENCLOSED

**Ns** = 2100

**K** = 7.5

**Bowl O. D.** 11.75 in

**Bowl Lateral** 1 in

**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. E5412CHPC1
Model 12CHO
RPM 1475

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

Impeller OPEN
N₀ = 2100
K = 10

Bowl O. D. 11.75 in
Bowl Lateral 340
Max. PSI 340
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.

MODEL 12CLC  (Effective September 1, 2017)

Curve No. E5412CFPC1
Model 12CLC
RPM 1475

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

Impeller ENCLOSED
N₀ = 2260
K = 7.5

Bowl O. D. 11.75 in
Bowl Lateral 1
Max. PSI 340
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.
MODEL 12CLO  (Effective July 1, 2014)

Curve No. E5412CJPC1
Model  12CLO

RPM  1475

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  340
Max. PSI  6", 8", 10"
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. E5412CGPC1
Model  12CMC

RPM  1475

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

Impeller  ENCLOSED
Ns =  2240
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 12CMO**  (Effective July 1, 2014)

![Graph of MODEL 12CMO](image)

- **Curve No.** E5412CKPC1
- **Model** 12CMO
- **RPM** 1475
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -2
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller** OPEN
- **N\(\text{s}\)** = 2240
- **K** = 14.9
- **Bowl O.D.** 11.75 in
- **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.

**TURBINE OPERATIONS**
Lubbock, Texas

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

![Graph of MODEL 12DXC](image)

- **Curve No.** E5412DMPC1
- **Model** 12DXC
- **RPM** 1475
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller** ENCLOSED
- **N\(\text{s}\)** = 2995
- **K** = 17.2
- **Bowl O.D.** 12.50 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.

**TURBINE OPERATIONS**
Lubbock, Texas

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MODEL 12FDHC (Effective July 1, 2014)

Curve No. E5412FDPC1

Model 12FDHC

RPM 1475

EFFICIENCY CORRECTION

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

Impeller ENCLOSED

Ns = 4238
K = 15

Bowl O. D. 11.60 in
Bowl Lateral 0.75
Max. PSI 440
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 12FDHO (Effective July 1, 2014)

Curve No. E5412FEPC1

Model 12FDHO

RPM 1475

EFFICIENCY CORRECTION

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

Impeller OPEN

Ns = 3870
K = 23

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

TURBINE OPERATIONS
Lubbock, Texas

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

- **Curve No.**: E5412FFPC1
- **Model**: 12FDLC
- **RPM**: 1475
- **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**: 440
- **Max. PSI**: 6", 8", 10"
- **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

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

- **Curve No.**: E5412FGPC1
- **Model**: 12FDLO
- **RPM**: 1475
- **Efficiency Correction**: 1-STAGE -3, 2-STAGE -1.5, 3-STAGE 0, 4-STAGE 0
- **Impeller**: OPEN
- **Ns**: 4192
- **K**: 23
- **Bowl O. D.**: 11.60 in
- **Bowl Lateral**: 0.75
- **Max. PSI**: 440
- **Disch size**: 6", 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
**MODEL 12FRHC** (Effective July 1, 2014)

Curve No. E5412FBPC1  
Model 12FRHC  
RPM 1475  
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.

**TURBINE OPERATIONS**  
Lubbock, Texas

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

Curve No. E5412FCPC1  
Model 12FRHO  
RPM 1475  
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"

Bowl Performance Curve based on pumping clear, non-aerated water. Rated point only is guaranteed. 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 12MLO  (Effective September 1, 2017)

TURBINE OPERATIONS
Lubbock, Texas

MODEL 12MMO  (Effective September 1, 2017)

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

Curve No. E5412RCPC1
Model 12RJHC
RPM 1475
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 6", 8", 10"
Max. PSI 340
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 12RJHO (Effective July 1, 2014)

Curve No. E5412RDPC1
Model 12RJHO
RPM 1475
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller OPEN
Ns = 2840
K = 13.7
Bowl O. D. 11.60 in
Bowl Lateral 6", 8", 10"
Max. PSI 340
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 12RJLC  (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 12RJLO  (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 12RJMC  (Effective July 1, 2014)

Curve No. E5412RGPC1

Model 12RJMC

RPM 1475

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

Impeller ENCLOSED

Ns = 2760
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. E5412RHPC1

Model 12RJMO

RPM 1475

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

Impeller OPEN

Ns = 3000
K = 13.7

Bowl O. D. 11.60 in
Bowl Lateral 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 12WAHC** *(Effective July 1, 2014)*

**Curve No. E5412WAPC1**

- **Model**: 12WAHC
- **RPM**: 1475
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -2
  - 3-STAGE: -1
  - 4-STAGE: -0.5
- **Impeller**: ENCLOSED
- **Ns**: 1660
- **K**: 7
- **Bowl O. D.**: 11.60 in
- **Bowl Lateral**: 0.75
- **Max. PSI**: 390
- **Disch size**: 6", 8", 10"

**TURBINE OPERATIONS**

Lubbock, Texas

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

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

**Curve No. E5412WBPC1**

- **Model**: 12WALC
- **RPM**: 1475
- **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.
Turbine

MODEL 13CHC  (Effective July 1, 2014)

Curve No. E5413CCPC1
Model  13CHC
RPM  1475
EFFICIENCY CORRECTION
1-STAGE  -2
2-STAGE  -1
3-STAGE  -0.5
4-STAGE  0
Impeller  ENCLOSED
Ns =  0
K =  9.5
Bowl O. D.  12.38 in
Bowl Lateral  0.88
Max. PSI  330
Disch size  8", 10"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 13CLC  (Effective July 1, 2014)

Curve No. E5413CFPC1
Model  13CLC
RPM  1475
EFFICIENCY CORRECTION
1-STAGE  -2
2-STAGE  -1
3-STAGE  -0.5
4-STAGE  0
Impeller  ENCLOSED
Ns =  2241
K =  9.5
Bowl O. D.  12.38 in
Bowl Lateral  0.88
Max. PSI  330
Disch size  8", 10"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No. E5413CGPC1
Model 13CMC
RPM 1475

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

Impeller ENCLOSED
Ns = 2203
K = 9.5

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

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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. E5413RAPC1
Model 13RAHC
RPM 1475

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

Impeller ENCLOSED
Ns = 1790
K = 7.9

Bowl O. D. 13.38 in
Bowl Lateral 0.88
Max. PSI 430
Disch size 8”, 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.
MODEL 13RAHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No.  E5413ABPC1

Model  13RAHXC
RPM  1475
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.  E5413RBPC1

Model  13RALC
RPM  1475
EFFICIENCY CORRECTION
1-STAGE  -5
2-STAGE  -2
3-STAGE  -1
4-STAGE  0
Impeller  ENCLOSED
Ns  1690
K  7.9
Bowl O. D.  13.38 in
Bowl Lateral  0.5
Max. PSI  430
Disch size  8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No. E5414DDPC1

Model 14DHHO

RPM 1475

EFFICIENCY CORRECTION

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

Impeller OPEN

Ns = 3470

K = 31.5

Bowl O. D. 13.25 in

Max. PSI 330

Disch size 10", 12"

TURBINE OPERATIONS

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.

RATED POINT ONLY IS GUARANTEED.

CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.

EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.

DO NOT USE FOR CAPACITIES TO LEFT OF THE LINE.

Shutoff Head BHP

9.06 in 64.2 ft 32.4

7.94 in 48.8 ft 20.7

6.81 in 36.3 ft 13.3

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.

DO NOT USE FOR CAPACITIES TO LEFT OF THE LINE.

Shutoff Head BHP

9.06 in 64.2 ft 32.4

7.94 in 48.8 ft 20.7

6.81 in 36.3 ft 13.3

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.

DO NOT USE FOR CAPACITIES TO LEFT OF THE LINE.

Shutoff Head BHP

9.06 in 64.2 ft 32.4

7.94 in 48.8 ft 20.7

6.81 in 36.3 ft 13.3
**MODEL 14D XC**  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

**MODEL 14F HC**  (Effective September 1, 2017)

**Curve No. E5414DMPC1**

**Model**  14D XC

**RPM**  1475

**EFFICIENCY CORRECTION**

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

**Impeller**  ENCLOSED

Ns =  2995
K =  22

Bowl O. D.  14.38 in
Bowl Lateral  325
Max. PSI  325
Disch size  10", 12"

**TURBINE OPERATIONS**

Lubbock, Texas

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

**Curve No. E5414FAPC1**

**Model**  14F HC

**RPM**  1475

**EFFICIENCY CORRECTION**

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

**Impeller**  ENCLOSED

Ns =  4000
K =  17

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

**TURBINE OPERATIONS**

Lubbock, Texas

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

Curve No. E5414RKPC1
Model 14RHHC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 3375
K = 16
Bowl O. D. 14.00 in
Bowl Lateral 10", 12"
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 14RHHO  (Effective July 1, 2014)

Curve No. E5414RPPC1
Model 14RHHO
RPM 1475
EFFICIENCY CORRECTION
1-STAGE -2
2-STAGE -1
3-STAGE -0.5
4-STAGE 0
Impeller OPEN
Ns = 3300
K = 24
Bowl O. D. 14.00 in
Bowl Lateral 0.75
Max. PSI 330
Disch size 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No.  E5414RNPC1

Model  14RHLC
RPM  1475

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  330
Max. PSI  10" , 12"
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 14RHLO  (Effective July 1, 2014)

Curve No.  E5414RSPC1

Model  14RHLO
RPM  1475

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"

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 14RHMC  (Effective July 1, 2014)

Curve No. E5414RMPC1

Model 14RHMC  

RPM 1475  

EFFICIENCY CORRECTION  

1-STAGE -2  

2-STAGE -1  

3-STAGE -0.5  

4-STAGE 0  

Impeller ENCLOSED  

Ns = 3100  

K = 16  

Bowl O. D. 14.00 in  

Bowl Lateral 0.75  

Max. PSI 327  

Disch size 10", 12"  

TURBINE OPERATIONS  

Lubbock, Texas  

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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 14RHMO  (Effective July 1, 2014)

Curve No. E5414RRPC1

Model 14RHMO  

RPM 1475  

EFFICIENCY CORRECTION  

1-STAGE -2  

2-STAGE -1  

3-STAGE -0.5  

4-STAGE 0  

Impeller OPEN  

Ns = 3153  

K = 35.7  

Bowl O. D. 14.00 in  

Bowl Lateral 20  

Max. PSI 330  

Disch size 10", 12"  

TURBINE OPERATIONS  

Lubbock, Texas  

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

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<tr>
<th>Curve No.</th>
<th>E5414RCPC1</th>
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<td><strong>Model</strong></td>
<td>14RJHC</td>
</tr>
<tr>
<td><strong>RPM</strong></td>
<td>1475</td>
</tr>
<tr>
<td><strong>EFFICIENCY CORRECTION</strong></td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-0.5</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><strong>ENCLOSED</strong></td>
</tr>
<tr>
<td><strong>Ns</strong></td>
<td>3032</td>
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<tr>
<td><strong>K</strong></td>
<td>13</td>
</tr>
<tr>
<td><strong>Bowl O. D.</strong></td>
<td>13.63 in</td>
</tr>
<tr>
<td><strong>Max. PSI</strong></td>
<td>340</td>
</tr>
<tr>
<td><strong>Disch size</strong></td>
<td>8&quot;, 10&quot;, 12&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.

**US gpm**

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<tr>
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<td>1750</td>
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<tr>
<td>750</td>
</tr>
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<td>500</td>
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<tr>
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<tr>
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<tr>
<td>2250</td>
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<tr>
<td>2000</td>
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<tr>
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<tr>
<td>1500</td>
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<td>1250</td>
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<tr>
<td>1000</td>
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<tr>
<td>750</td>
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<tr>
<td>500</td>
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<table>
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<tr>
<th>Head - ft</th>
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<tbody>
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<td>20</td>
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<tr>
<td>40</td>
</tr>
<tr>
<td>50</td>
</tr>
<tr>
<td>60</td>
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</table>

| BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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. E5414REPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>14RJLC</th>
</tr>
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<tbody>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
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</tr>
<tr>
<td>1-STAGE</td>
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<tr>
<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>2750</td>
</tr>
<tr>
<td>K</td>
<td>13</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>13.63 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>8&quot; , 10&quot; , 12&quot;</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>8&quot; , 10&quot; , 12&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 14RJLO** *(Effective July 1, 2014)*

**Curve No. E5414RFPC1**

<table>
<thead>
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<th>Model</th>
<th>14RJLO</th>
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<tbody>
<tr>
<td>RPM</td>
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<tr>
<td>EFFICIENCY CORRECTION</td>
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</tr>
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</tr>
<tr>
<td>2-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>OPEN</td>
</tr>
<tr>
<td>Ns</td>
<td>2730</td>
</tr>
<tr>
<td>K</td>
<td>16.2</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>13.63 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>1</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>8&quot; , 10&quot; , 12&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 14RJMC** *(Effective July 1, 2014)*

- **Curve No.:** E5414RGPC1
- **Model:** 14RJMC
- **RPM:** 1475
- **Impeller:** ENCLOSED
- **Ns:** 2990
- **K:** 13
- **Bowl O. D.:** 13.63 in
- **Bowl Lateral:** 8", 10", 12"
- **Max. PSI:** 340
- **Disch size:** 8", 10", 12"

*TURBINE OPERATIONS*

Lubbock, Texas

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

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

- **Curve No.:** E5414RHPC1
- **Model:** 14RJMO
- **RPM:** 1475
- **Impeller:** OPEN
- **Ns:** 2920
- **K:** 16.2
- **Bowl O. D.:** 13.63 in
- **Bowl Lateral:** 1
- **Max. PSI:** 340
- **Disch size:** 8", 10", 12"

*TURBINE OPERATIONS*

Lubbock, Texas

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

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

Curve No. E5416BEPC1
Model 16BLC
RPM 1475
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)

Curve No. E5416DDPC1
Model 16DHHO
RPM 1475
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 --
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 16DHLC  (Effective July 1, 2014)

- **Curve No.**: E5416DEPC1
- **Model**: 16DHLC
- **RPM**: 1475
- **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**: --

**TURBINE OPERATIONS**
Lubbock, Texas

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

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

- **Curve No.**: E5416DFPC1
- **Model**: 16DHLO
- **RPM**: 1475
- **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
- **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 16DMC  (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 16DXC  (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 16RGHC (Effective September 1, 2017)

**Model 16RGHC**

**Curve No. E5416GBPC1**

<table>
<thead>
<tr>
<th>Model</th>
<th>16RGHC</th>
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<tbody>
<tr>
<td>RPM</td>
<td>1475</td>
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<tr>
<td>EFFICIENCY CORRECTION</td>
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<td>1-STAGE</td>
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<td>2-STAGE</td>
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<tr>
<td>3-STAGE</td>
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<td>4-STAGE</td>
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<td>Impeller</td>
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<tr>
<td>Ns</td>
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<tr>
<td>K</td>
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<tr>
<td>Bowl O.D.</td>
<td>16.00 in</td>
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<tr>
<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
<td>420</td>
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<tr>
<td>Disch size</td>
<td>--</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 16RGHC (Effective July 1, 2014)

**Model 16RGHC**

**Curve No. E5416GBPC1**

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</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>4895</td>
</tr>
<tr>
<td>K</td>
<td>24</td>
</tr>
<tr>
<td>Bowl O.D.</td>
<td>16.00 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>1</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>420</td>
</tr>
<tr>
<td>Disch size</td>
<td>--</td>
</tr>
</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

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

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>E5416GGPC1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>16RGHXC</td>
</tr>
<tr>
<td><strong>RPM</strong></td>
<td>1475</td>
</tr>
<tr>
<td><strong>Efficiency Correction</strong></td>
<td>ENCLOSED</td>
</tr>
<tr>
<td><strong>Impeller</strong></td>
<td>ENCLORED</td>
</tr>
<tr>
<td><strong>Ns</strong></td>
<td>4255</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td>30</td>
</tr>
<tr>
<td><strong>Bowl O. D.</strong></td>
<td>16.00 in</td>
</tr>
<tr>
<td><strong>Bowl Lateral</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Max. PSI</strong></td>
<td>420</td>
</tr>
<tr>
<td><strong>Disch size</strong></td>
<td>--</td>
</tr>
</tbody>
</table>

**Turbine Operations**
Lubbock, Texas

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

**Model 16RGLC** (Effective July 1, 2014)

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>E5416GCPC1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>16RGLC</td>
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<tr>
<td><strong>RPM</strong></td>
<td>1475</td>
</tr>
<tr>
<td><strong>Efficiency Correction</strong></td>
<td>ENCLOSED</td>
</tr>
<tr>
<td><strong>Impeller</strong></td>
<td>ENCLORED</td>
</tr>
<tr>
<td><strong>Ns</strong></td>
<td>4669</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td>26</td>
</tr>
<tr>
<td><strong>Bowl O. D.</strong></td>
<td>16.00 in</td>
</tr>
<tr>
<td><strong>Bowl Lateral</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Max. PSI</strong></td>
<td>420</td>
</tr>
<tr>
<td><strong>Disch size</strong></td>
<td>--</td>
</tr>
</tbody>
</table>

**Turbine Operations**
Lubbock, Texas

Bowl Performance Curve based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow and horsepower for lesser stages.
MODEL 16RGLXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E5416GLPC1
Model 16RGLXC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 4345
K = 32
Bowl O. D. 16.00 in
Bowl Lateral --
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)

USE FOR 1ST STAGE ONLY

Curve No. E5418BBPC1
Model 18BHC
RPM 1475
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
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.
MODELS 18BLC (Effective July 1, 2014)

Curve No. E5418BEPC1

**Model 18BLC**

**RPM** 1475

**EFFICIENCY CORRECTION**

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

**Impeller** ENCLOSED

**Ns** = 2334

**K** = 27.5

<table>
<thead>
<tr>
<th>Bowl O.D.</th>
<th>17.50 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>348</td>
</tr>
<tr>
<td>Disch size</td>
<td>--</td>
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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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MODELS 18CHC (Effective July 1, 2014)

Curve No. E5418CCPC1

**Model 18CHC**

**RPM** 1475

**EFFICIENCY CORRECTION**

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

**Impeller** ENCLOSED

**Ns** = 2300

**K** = 18.5

<table>
<thead>
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<th>Bowl O.D.</th>
<th>17.50 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>275</td>
</tr>
<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 18DHC**  (Effective September 1, 2017)

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>E5418DBPC1</th>
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</thead>
<tbody>
<tr>
<td>Model</td>
<td>18DHC</td>
</tr>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
<tr>
<td>EFICIENCY CORRECTION</td>
<td></td>
</tr>
<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>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>3087</td>
</tr>
<tr>
<td>K</td>
<td>21</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>17.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>310</td>
</tr>
<tr>
<td>Disch size</td>
<td>--</td>
</tr>
</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

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

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

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>E5418DHPC1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>18DMC</td>
</tr>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
<tr>
<td>EFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-1.5</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>2868</td>
</tr>
<tr>
<td>K</td>
<td>21.4</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>17.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>310</td>
</tr>
<tr>
<td>Disch size</td>
<td>--</td>
</tr>
</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

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

**Curve No. E5418DMPC1**

- **Model:** 18DXC
- **RPM:** 1475
- **Efficiency 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:** --
- **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 18GHXC** *(Effective July 1, 2014)*

**Curve No. E5418GGPC1**

- **Model:** 18GHXC
- **RPM:** 1475
- **Efficiency 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.  E5418HCPC1
Model  18HMC
RPM  1475

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.

MODEL 18HMO  (Effective July 1, 2014)

Curve No.  E5418HDPC1
Model  18HMO
RPM  1475

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. E5418HEPC1**

- **Model**: 18HXC
- **RPM**: 1475
- **Efficiency Correction**: 
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3388
- **K**: 32
- **Bowl O. D.**: 18.00 in
- **Bowl Lateral**: 0.75 in
- **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 LESHER STAGES.

---

**MODEL 18LHC** (Effective September 1, 2017)

**Curve No. E5418LAPC1**

- **Model**: 18LHC
- **RPM**: 1475
- **Efficiency Correction**: 
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 4705
- **K**: 47.6
- **Bowl O. D.**: 18.00 in
- **Bowl Lateral**: 1.12 in
- **Max. PSI**: 190
- **Disch size**: --

**TURBINE OPERATIONS**

Lubbock, Texas

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

MODEL 18LHC  (Effective July 1, 2014)

USE FOR ADDITIONAL STAGE ONLY

USE FOR 1ST STAGE ONLY

MODEL 18LHXC  (Effective July 1, 2014)
**MODEL 20BHC** (Effective July 1, 2014)

Curve No. E5420BBPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>20BHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1475</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-0.5</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>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
<td>2034</td>
</tr>
<tr>
<td>K</td>
<td>18.8</td>
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<tr>
<td>Bowl O. D.</td>
<td>19.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.81</td>
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<tr>
<td>Max. PSI</td>
<td>290</td>
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<tr>
<td>Disch size</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 20EHC** (Effective July 1, 2014)

Curve No. E5420EAPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>20EHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1475</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>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
<td>3544</td>
</tr>
<tr>
<td>K</td>
<td>36</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>18.94 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>310</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 20EHC**  (Effective July 1, 2014)

**Curve No. E5420EAPC1**

- **Model**: 20EHC
- **RPM**: 1475
- **Efficiency Correction**
  - 1-Stage: 0
  - 2-Stage: 0
  - 3-Stage: 0
  - 4-Stage: 0
- **Impeller**: ENCLOSED
- **Ns**: 3544
- **K**: 36
- **Bowl O. D.**: 18.94 in
- **Bowl Lateral**: 0.88
- **Max. PSI**: --
- **Disch size**: 310

**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 20EHXC**  (Effective July 1, 2014)

**Curve No. E5420ERPC1**

- **Model**: 20EHXC
- **RPM**: 1475
- **Efficiency Correction**
  - 1-Stage: 0
  - 2-Stage: 0
  - 3-Stage: 0
  - 4-Stage: 0
- **Impeller**: ENCLOSED
- **Ns**: 3329
- **K**: 36
- **Bowl O. D.**: 18.94 in
- **Bowl Lateral**: 0.88
- **Max. PSI**: 380
- **Disch size**: --

**TURBINE OPERATIONS**

Lubbock, Texas

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

**Curve No. E5420EDPC1**

**Model** 20ELC

**RPM** 1475

**EFFICIENCY CORRECTION**

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

**Impeller** ENCLOSED

**Ns** = 3371

**K** = 31

**Bowl O. D.** 18.94 in

**Bowl Lateral** 0.88

**Max. PSI** 310

**Disch size** --

**TURBINE OPERATIONS**

Lubbock, Texas

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

MODEL 20GHC  (Effective July 1, 2014)

**Curve No. E5420GBPC1**

**Model** 20GHC

**RPM** 1475

**EFFICIENCY CORRECTION**

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

**Impeller** ENCLOSED

**Ns** = 4550

**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.
Turbine

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

**USE FOR 1ST STAGE ONLY**

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

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

**TURBINE OPERATIONS**
Lubbock, Texas

**USE FOR 1ST STAGE ONLY**

**Curve No.** E5420GLPC1

**Model** 20GLXC

**RPM** 1475

**EFFICIENCY CORRECTION**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<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>
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</tbody>
</table>

**Impeller** ENCLOSED

<table>
<thead>
<tr>
<th>Ns</th>
<th>4345</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>55.4</td>
</tr>
</tbody>
</table>

**Bowl O. D.** 20.75 in

**Bowl Lateral** 1.41

**Max. PSI** 300

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

**TURBINE OPERATIONS**
Lubbock, Texas

**USE FOR 1ST STAGE ONLY**

**Curve No.** E5420CCPC1

**Model** 20RCHC

**RPM** 1475

**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>
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</table>

**Impeller** ENCLOSED

<table>
<thead>
<tr>
<th>Ns</th>
<th>2190</th>
</tr>
</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** --

**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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. E5420CFPC1
Model 20RCLC
RPM 1475

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

Impeller ENCLOSED
Ns = 2345
K = 24
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.

MODEL 24EHC (Effective July 1, 2014)

Curve No. E5424EAPC1
Model 24EHC
RPM 1475

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

Impeller ENCLOSED
Ns = 3661
K = 43.4
Bowl O. D. 22.25 in
Bowl Lateral 0.87
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 24ELC** *(Effective July 1, 2014)*

**Curve No. E5424EDPC1**

- **Model**: 24ELC
- **RPM**: 1475
- **Efficiency Correction**: 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
- **Max. PSI**: 260

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

**Curve No. E5424EGPC1**

- **Model**: 24ELXC
- **RPM**: 1475
- **Efficiency Correction**: 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
- **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.

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

USE FOR 1ST STAGE ONLY

Model No. E5424GGPC1
Model 24GHXC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 4174
K = 68.7
Bowl O. D. 24.25 in
Bowl Lateral 1.62
Max. PSI --
Disch size 300

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 24GLC  (Effective September 1, 2017)

USE FOR 1ST STAGE ONLY

Model No. E5424GCPC1
Model 24GLC
RPM 1475
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 4654
K = 59.5
Bowl O. D. 24.25 in
Bowl Lateral 1.62
Max. PSI 250
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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