Lineshaft and Submersible Turbine Pump Curves

1800 RPM CURVES - 60 CYCLE PERFORMANCE
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<td>E6420EAPC1</td>
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<td>20GLC</td>
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<td>20GLXC</td>
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</table>
**MODEL 5CHC** *(Effective July 1, 2014)*

![Graph](image1)

**Model** 5CHC  
**RPM** 1750  
**Efficiency Correction**  
1-STAGE -4  
2-STAGE -3  
3-STAGE -1.5  
4-STAGE 0  
**Impeller** ENCLOSED  
**N_s** = 2187  
**K** = 1.3  
**Bowl O. D.** 5.20 in  
**Bowl Lateral** 0.25  
**Max. PSI** 480  
**Disch size** 3", 4"  
**TURBINE OPERATIONS**  
Lubbock, Texas  


---

**MODEL 5CLC** *(Effective July 1, 2014)*

![Graph](image2)

**Model** 5CLC  
**RPM** 1750  
**Efficiency Correction**  
1-STAGE -4  
2-STAGE -3  
3-STAGE -1.5  
4-STAGE 0  
**Impeller** ENCLOSED  
**N_s** = 2184  
**K** = 1.4  
**Bowl O. D.** 5.20 in  
**Bowl Lateral** 0.25  
**Max. PSI** 480  
**Disch size** 3", 4"  
**TURBINE OPERATIONS**  
Lubbock, Texas  

MODEL 5RWAHC (Effective September 1, 2017)

Curve No. E6205WCPC2

Model 5RWAHC
RPM 1750
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. E6205WDPC2

Model 5RWALC
RPM 1750
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 6CHC** (Effective September 1, 2017)

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<tr>
<td>EFFICIENCY CORRECTION</td>
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</tr>
<tr>
<td>1-STAGE</td>
<td>-3</td>
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<td>2-STAGE</td>
<td>-2</td>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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<td>Ns</td>
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<tr>
<td>K</td>
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<tr>
<td>Bowl O. D.</td>
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<td>Max. PSI</td>
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<td>Disch size</td>
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**TURBINE OPERATIONS**
Lubbock, Texas

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

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**MODEL 6CLC** (Effective September 1, 2017)

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<td>EFFICIENCY CORRECTION</td>
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<tr>
<td>1-STAGE</td>
<td>-3</td>
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<td>2-STAGE</td>
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<td>5.88 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>420</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 6DHHC  (Effective July 1, 2014)

Curve No.  E6406DCPC0

Model  6DHHC

RPM  1770

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

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.

DO NOT USE FOR CAPACITIES TO LEFT OF THE LINE.

MODEL 6DHHO  (Effective July 1, 2014)

Curve No.  E6406DDPC2

Model  6DHHO

RPM  1770

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

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.

DO NOT USE FOR CAPACITIES TO LEFT OF THE LINE.
MODEL 6DHLC  (Effective July 1, 2014)

Curve No. E6406DEPCO
Model 6DHLC
RPM 1770

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. E6406DFPC1
Model 6DHLO
RPM 1760

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)

![Graph showing performance curve for Model 6MO.][1]

Curve No. E6406MCPC1

- **Model**: 6MO
- **RPM**: 1770
- **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.

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MODEL 6RAHC  (Effective September 1, 2017)

![Graph showing performance curve for Model 6RAHC.][2]

Curve No. E6206AAPC4

- **Model**: 6RAHC
- **RPM**: 1770
- **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.

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[1]: Image of Model 6MO performance curve
[2]: Image of Model 6RAHC performance curve
**MODEL 6RALC** *(Effective September 1, 2017)*

![Curve No. E6406ACPC4](Image)

**Curve No. E6406ACPC4**

**Model** 6RALC

**RPM** 1770

**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. E6407CCPC2](Image)

**Curve No. E6407CCPC2**

**Model** 7CHC

**RPM** 1770

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

- **Curve No.** E6407CHPC0
- **Model** 7CHO
- **RPM** 1770
- **Efficiency Correction**
  - 1-STAGE: -2
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller** OPEN
- **Ns** = 2300
- **K** = 3.8
- **Bowl O. D.** 7.13 in
- **Bowl Lateral**
- **Max. PSI**
- **Disch size** 4", 5", 6"

**TURBINE OPERATIONS**
Lubbock, Texas

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

---

**MODEL 7CLC** *(Effective September 1, 2017)*

- **Curve No.** E6407CFPC1
- **Model** 7CLC
- **RPM** 1750
- **Efficiency Correction**
  - 1-STAGE: -3
  - 2-STAGE: -1
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller** ENCLOSED
- **Ns** = 2422
- **K** = 3.5
- **Bowl O. D.** 7.13 in
- **Bowl Lateral**
- **Max. PSI**
- **Disch size** 4", 5", 6"

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 7CLO**  (Effective July 1, 2014)

Curve No. E6407CJPC0

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<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>
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<tr>
<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
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<td>Disch size</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.**

**TURBINE OPERATIONS**

Lubbock, Texas

Discharge Sizes-3",4". Curves are certified for water at 60°F only. Consult factory for performance with any other fluid.

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

Curve No. E6407RAPC1

<table>
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<tr>
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<tr>
<td>1-STAGE</td>
<td>-4</td>
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<td>K =</td>
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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
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**BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. 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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Turbine
**MODEL 7RALC** (Effective July 1, 2014)

Curve No. E6407RBPC1

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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns</td>
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<td>K</td>
<td>1.61</td>
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<td>7.50 in</td>
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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
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**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY GUARANTEED. 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 7THC** (Effective July 1, 2014)

Curve No. E6407TFPC2

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<td>Ns</td>
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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
<td>310</td>
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<td>Disch size</td>
<td>5&quot;, 6&quot;</td>
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**TURBINE OPERATIONS**
Lubbock, Texas

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

Curve No. E6407TAPC2

Model  7TLC

RPM  1750

EFFICIENCY CORRECTION

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

Impeller  ENCLOSED

Ns  3575

K =  4.5

Bowl O. D.  7.13 in

Bowl Lateral  0.38

Max. PSI  310

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 7WAHC  (Effective September 1, 2017)

Curve No. E6407WAPC1

Model  7WAHC

RPM  1770

EFFICIENCY CORRECTION

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

Impeller  ENCLOSED

Ns  1567

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 7WALC  (Effective September 1, 2017)

Curve No. E6407WBPCO

Model 7WALC

RPM 1770

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. E6408FDPC0

Model 8FDHC

RPM 1750

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)*

![Graph of Model 8FDHO](image)

**Curve No. E6408FEPC0**

- **Model**: 8FDHO
- **RPM**: 1750
- **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
- **Max. PSI**: 400
- **Disch size**: 5", 6"

**TURBINE OPERATIONS**

Lubbock, Texas

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

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

![Graph of Model 8FDLC](image)

**Curve No. E6408FFPC0**

- **Model**: 8FDLC
- **RPM**: 1750
- **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
- **Max. PSI**: 400
- **Disch size**: 5", 6"

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 8FDLO**  (Effective July 1, 2014)

![Graph showing performance curves for Model 8FDLO.](image)

**Curve No. E6408FGPC0**

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</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1750</td>
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</tbody>
</table>

**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**

- 4.00

**Max. PSI**

- 400

**Disch size**

- 5", 6"

**TURBINE OPERATIONS**

Lubbock, Texas

**Bowl Performance Curve**

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

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

![Graph showing performance curves for Model 8RAHC.](image)

**Curve No. E6408AAPC7**

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<tr>
<th>Model</th>
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<tbody>
<tr>
<td>RPM</td>
<td>1770</td>
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</table>

**Efficiency Correction**

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

**Impeller**

- ENCLOSED

**Ns**

- 1184

**K**

- 2

**Bowl O. D.**

- 7.50 in

**Bowl Lateral**

- 4.25

**Max. PSI**

- 430

**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 8RALC  (Effective July 1, 2014)

Curve No. E6408ACPC5
Model 8RALC
RPM 1770
EFFICIENCY CORRECTION
1-STAGE -4
2-STAGE -2
3-STAGE -1
4-STAGE 0

Impeller ENCLOSED
N_s = 1208
K = 2
Bowl O. D. 7.50 in
Bowl Lateral 0.25
Max. PSI 430
Disch size 4”, 5”, 6”

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 8RJHC  (Effective July 1, 2014)

Curve No. E6408RCPC1
Model 8RJHC
RPM 1760
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0

Impeller ENCLOSED
N_s = 2765
K = 4
Bowl O. D. 7.50 in
Bowl Lateral 0.63
Max. PSI 425
Disch size 4”, 5”, 6”

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.
EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 8RJHO  (Effective July 1, 2014)

Curve No. E6408RDPC1

Model 8RJHO
RPM 1760
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"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 8RJLC  (Effective September 1, 2017)

Curve No. E6408REPC1

Model 8RJLC
RPM 1760
EFFICIENCY CORRECTION
1-STAGE 0
2-STAGE 0
3-STAGE 0
4-STAGE 0
Impeller ENCLOSED
Ns = 2815
K = 4
Bowl O. D. 7.50 in
Bowl Lateral 0.62
Max. PSI 425
Disch size 4", 5", 6"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 8RJLO  (Effective July 1, 2014)

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES 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 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 9RCHO** *(Effective July 1, 2014)*

**Curve No.** E6409CHPC1  
**Model** 9RCHO  
**RPM** 1770  
**EFFICIENCY CORRECTION**  
1-STAGE -2  
2-STAGE -1  
3-STAGE -0.5  
4-STAGE 0  
**Impeller** OPEN  
**Ns** = 2300  
**K** = 7  
**Bowl O. D.** 9.25 in  
**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.** E6409CFPC2  
**Model** 9RCLC  
**RPM** 1770  
**EFFICIENCY CORRECTION**  
1-STAGE -2  
2-STAGE -1  
3-STAGE -0.5  
4-STAGE 0  
**Impeller** ENCLOSED  
**Ns** = 2282  
**K** = 4.9  
**Bowl O. D.** 9.25 in  
**Bowl Lateral** 0.88  
**Max. PSI** 400  
**Disch size** 5”, 6”, 8”

**TURBINE OPERATIONS**  
Lubbock, Texas  

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
**MODEL 9RCLO** *(Effective July 1, 2014)*

Curve No. E6409CJPC1

- **Model**: 9RCLO
- **RPM**: 1770
- **Efficiency Correction**
  - 1-STAGE: -2
  - 2-STAGE: -1
  - 3-STAGE: -0.5
  - 4-STAGE: 0
- **Impeller**: OPEN
  - $N_s = 2290$
  - $K = 7$
- **Bowl O. D.**: 9.25 in
- **Max. PSI**: 400
- **Disch size**: 5", 6", 8"

**TURBINE OPERATIONS**
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATE POINT ONLY IS GUARANTEED. 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 9THC** *(Effective July 1, 2014)*

Curve No. E6409TEPC2

- **Model**: 9THC
- **RPM**: 1770
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
  - $N_s = 3587$
  - $K = 9$
- **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. RATE POINT ONLY IS GUARANTEED. CURVES 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. E6409TAPC2

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EFFICIENCY CORRECTION

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<th>Correction</th>
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<tr>
<td>2-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>0</td>
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<tr>
<td>4-STAGE</td>
<td>0</td>
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Impeller: ENCLOSED

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<tr>
<th>Ns</th>
<th>3725</th>
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<tbody>
<tr>
<td>K</td>
<td>9</td>
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</table>

Bowl O. D.: 9.25 in

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 9WAHC  (Effective September 1, 2017)

Curve No. E6409WAPCO

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EFFICIENCY CORRECTION

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<th>Stages</th>
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<tr>
<td>2-STAGE</td>
<td>-1</td>
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<tr>
<td>3-STAGE</td>
<td>0</td>
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<td>4-STAGE</td>
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Impeller: ENCLOSED

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<th>Ns</th>
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<tr>
<td>K</td>
<td>3.75</td>
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Bowl O. D.: 9.25 in

Max. PSI: 530

Disch size: 5", 6", 8"

TURBINE OPERATIONS

Lubbock, Texas

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

RATED POINT ONLY IS GUARANTEED.

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

EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 9WALC  (Effective July 1, 2014)

Curve No. E6409WBPCO
Model  9WALC
RPM  1770
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"

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES 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. E6410DCPC1
Model  10DHHC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  -3
2-STAGE  -2
3-STAGE  -1
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"

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.
CURVES 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. E6410DDPC1
Model 10DHHO
RPM 1760

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 10DLHC (Effective July 1, 2014)

Curve No. E6410DEPC0
Model 10DLHC
RPM 1760

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. E6410DFPC1
Model 10DHLO
RPM 1760
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.

MODEL 10DXC (Effective July 1, 2014)

Curve No. E6410DMPC0
Model 10DXC
RPM 1780
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)*

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<td>1-STAGE</td>
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<td>3-STAGE</td>
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<td>4-STAGE</td>
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<td>K</td>
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<td>Bowl O. D.</td>
<td>9.50 in</td>
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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
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<td>Disch size</td>
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**TURBINE OPERATIONS**

Lubbock, Texas

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

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

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<th>E6410MCPC1</th>
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</thead>
<tbody>
<tr>
<td>Model</td>
<td>10MO</td>
</tr>
<tr>
<td>RPM</td>
<td>1770</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>N/A</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>N/A</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>N/A</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>N/A</td>
</tr>
<tr>
<td>Impeller</td>
<td>OPEN</td>
</tr>
<tr>
<td>Ns</td>
<td>6723</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>0.31</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>270</td>
</tr>
<tr>
<td>Disch size</td>
<td>10&quot;, 12&quot; (W/L ONLY)</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 10RAHC  (Effective September 1, 2017)

Curve No.  E6410RAPC1
Model  10RAHC
RPM  1770

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.

USE FOR 1ST STAGE ONLY

MODEL 10RAHXC  (Effective July 1, 2014)

Curve No.  E6410ABPC2
Model  10RAHXC
RPM  1770

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)

### Curve No. E6410RBPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>10RALC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1770</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td>-4</td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-4</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-1</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
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<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
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<tr>
<td>Ns =</td>
<td>1625</td>
</tr>
<tr>
<td>K =</td>
<td>3.75</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>9.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.38</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>450</td>
</tr>
<tr>
<td>Disch size</td>
<td>4&quot;, 6&quot;, 8&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 10RJHC (Effective September 1, 2017)

### Curve No. E6410RCPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>10RJHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1760</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
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</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>
</tr>
<tr>
<td>Ns =</td>
<td>2880</td>
</tr>
<tr>
<td>K =</td>
<td>7</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>9.50 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<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 10RJHO  (Effective July 1, 2014)

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

TURBINE OPERATIONS
Lubbock, Texas

MODEL 10RJLC  (Effective September 1, 2017)

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

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

MODEL 10RJMC
(Effective July 1, 2014)

Curve No. E6410RFPC1
Model 10RJLO
RPM 1760

Curve No. E6410RGPC1
Model 10RJMC
RPM 1760
MODEL 10RJMO  (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 10WAHC**  (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 10WALC  (Effective July 1, 2014)

Curve No.  E6210WBPC2

Model  10WALC

RPM  1770

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
Bowl Lateral  0.63
Max. PSI  375
Disch size  4", 6", 8"

TURBINE OPERATIONS

Lubbock, Texas

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

MODEL 11CHC  (Effective September 1, 2017)

Curve No.  E6411CCPC1

Model  11CHC

RPM  1770

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
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 11CHO  (Effective July 1, 2014)

Curve No. E6411CHPCO

Model  11CHO

RPM  1770

EFFICIENCY CORRECTION

<table>
<thead>
<tr>
<th>Stage</th>
<th>Correction</th>
</tr>
</thead>
<tbody>
<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>-0.5</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

Impeller  OPEN

Ns =  2130

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 11CLC  (Effective September 1, 2017)

Curve No. E6411CFPC1

Model  11CLC

RPM  1770

EFFICIENCY CORRECTION

<table>
<thead>
<tr>
<th>Stage</th>
<th>Correction</th>
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</thead>
<tbody>
<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>-0.5</td>
</tr>
<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
</tbody>
</table>

Impeller  ENCLOSED

Ns =  2230

K =  7

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

![Turbine Performance Curve](image1)

**Curve No. E6411CJPCO**

<table>
<thead>
<tr>
<th>Model</th>
<th>11CLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1770</td>
</tr>
<tr>
<td>Efficiency Correction</td>
<td>1-STAGE: -1.5, 2-STAGE: -1, 3-STAGE: -0.5, 4-STAGE: 0</td>
</tr>
<tr>
<td>Impeller</td>
<td>OPEN</td>
</tr>
<tr>
<td>Ns</td>
<td>2230</td>
</tr>
<tr>
<td>K</td>
<td>9.1</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>11.00 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>380</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
</tr>
</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

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

**MODEL 11CMC** *(Effective September 1, 2017)*

![Turbine Performance Curve](image2)

**Curve No. E6411CGPC2**

<table>
<thead>
<tr>
<th>Model</th>
<th>11CMC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1770</td>
</tr>
<tr>
<td>Efficiency Correction</td>
<td>1-STAGE: -1.5, 2-STAGE: -1, 3-STAGE: -0.5, 4-STAGE: 0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns</td>
<td>2195</td>
</tr>
<tr>
<td>K</td>
<td>7</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>11.00 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>380</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
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</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 11RAHC  (Effective July 1, 2014)

MODEL 11RAHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY
MODEL 11RALC  (Effective July 1, 2014)

Curve No. E6411RBPC1
Model  11RALC
RPM  1770

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"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES 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. E6411WAPC0
Model  11WAHC
RPM  1770

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"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY. EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 11WALC  (Effective July 1, 2014)

Curve No. E6411WBPC0
Model 11WALC
RPM 1770
EIFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -1
4-STAGE 0
Impeller ENCLOSED
Ns = 1600
K = 6
Bowl O. D. 11.00 in
Bowl Lateral 0.75
Max. PSI 380
Disch size 5", 6", 8"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 12CHC  (Effective September 1, 2017)

Curve No. E6412CCPC1
Model 12CHC
RPM 1770
EIFFICIENCY CORRECTION
1-STAGE -3
2-STAGE -2
3-STAGE -0.5
4-STAGE 0
Impeller ENCLOSED
Ns = 2100
K = 7.5
Bowl O. D. 11.75 in
Bowl Lateral 1
Max. PSI 340
Disch size 6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No. E6412CCPCO

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>Model</th>
<th>RPM</th>
<th>EFFICIENCY CORRECTION</th>
<th>Impeller</th>
<th>Ns</th>
<th>K</th>
<th>Bowl O. D.</th>
<th>Bowl Lateral</th>
<th>Max. PSI</th>
<th>Disch size</th>
</tr>
</thead>
<tbody>
<tr>
<td>E6412CCPCO</td>
<td>12CHO</td>
<td>1770</td>
<td>-3</td>
<td>OPEN</td>
<td>2100</td>
<td>10</td>
<td>11.75 in</td>
<td>340</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
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**TURBINE OPERATIONS**

Lubbock, Texas

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

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

Curve No. E6412CFPC1

<table>
<thead>
<tr>
<th>Curve No.</th>
<th>Model</th>
<th>RPM</th>
<th>EFFICIENCY CORRECTION</th>
<th>Impeller</th>
<th>Ns</th>
<th>K</th>
<th>Bowl O. D.</th>
<th>Bowl Lateral</th>
<th>Max. PSI</th>
<th>Disch size</th>
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</thead>
<tbody>
<tr>
<td>E6412CFPC1</td>
<td>12CLC</td>
<td>1770</td>
<td>-3</td>
<td>ENCLOSED</td>
<td>2260</td>
<td>7.5</td>
<td>11.75 in</td>
<td>340</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
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</table>

**TURBINE OPERATIONS**

Lubbock, Texas

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

![Graph of Model 12CLO Performance Curve]

**Curve No. E6412CJPCO**

<table>
<thead>
<tr>
<th>Model</th>
<th>12CLO</th>
</tr>
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<tbody>
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<td>1770</td>
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<tr>
<td>EFFICIENCY CORRECTION</td>
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</tr>
<tr>
<td>1-STAGE</td>
<td>-3</td>
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<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-0.5</td>
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<tr>
<td>4-STAGE</td>
<td>0</td>
</tr>
<tr>
<td>Impeller</td>
<td>OPEN</td>
</tr>
<tr>
<td>Ns</td>
<td>2260</td>
</tr>
<tr>
<td>K</td>
<td>10</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>11.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>340</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
</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 12CMC** *(Effective September 1, 2017)*

![Graph of Model 12CMC Performance Curve]

**Curve No. E6412CGPCO**

<table>
<thead>
<tr>
<th>Model</th>
<th>12CMC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>1770</td>
</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td></td>
</tr>
<tr>
<td>1-STAGE</td>
<td>-3</td>
</tr>
<tr>
<td>2-STAGE</td>
<td>-2</td>
</tr>
<tr>
<td>3-STAGE</td>
<td>-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>2240</td>
</tr>
<tr>
<td>K</td>
<td>7.5</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>11.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>1</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>340</td>
</tr>
<tr>
<td>Disch size</td>
<td>6&quot;, 8&quot;, 10&quot;</td>
</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 12CMO  (Effective July 1, 2014)

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

MODEL 12DXC  (Effective July 1, 2014)

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

Curve No. E6412FDPC0

- **Model**: 12FDHC
- **RPM**: 1770
- **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

- **Head - ft**
  - 2750
  - 2500
  - 2250
  - 2000
  - 1750
  - 1500
  - 1250
  - 1000
  - 750
  - 500
  - 250
  - 0

- **Discharge HP - HP**
  - 2750
  - 2500
  - 2250
  - 2000
  - 1750
  - 1500
  - 1250
  - 1000
  - 750
  - 500
  - 250
  - 0

- **NPSHr - ft**
  - 2750
  - 2500
  - 2250
  - 2000
  - 1750
  - 1500
  - 1250
  - 1000
  - 750
  - 500
  - 250
  - 0

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

Curve No. E6412FEPC0

- **Model**: 12FDHO
- **RPM**: 1770
- **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

- **Head - ft**
  - 2750
  - 2500
  - 2250
  - 2000
  - 1750
  - 1500
  - 1250
  - 750
  - 500
  - 250
  - 0

- **Discharge HP - HP**
  - 2750
  - 2500
  - 2250
  - 2000
  - 1750
  - 1500
  - 1250
  - 1000
  - 750
  - 500
  - 250
  - 0

- **NPSHr - ft**
  - 2750
  - 2500
  - 2250
  - 2000
  - 1750
  - 1500
  - 1250
  - 1000
  - 750
  - 500
  - 250
  - 0
MODEL 12FDLC  (Effective July 1, 2014)

Curve No. E6412FFPC0
Model 12FDLC
RPM 1770

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

Impeller ENCLOSED
Ns = 4255
K = 15

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

Curve No. E6412FGPC0
Model 12FDLO
RPM 1770

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

Impeller OPEN
Ns = 4192
K = 23

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

TURBINE OPERATIONS
Lubbock, Texas

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

![Pump Curve](image)

**Curve No. E6412FBPC1**

<table>
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<tr>
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<th>12FRHC</th>
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<tbody>
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<td>EFFICIENCY CORRECTION</td>
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<tr>
<td>1-STAGE</td>
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<tr>
<td>2-STAGE</td>
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<td>Ns</td>
<td>5019</td>
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<tr>
<td>K</td>
<td>14.5</td>
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<tr>
<td>Bowl O. D.</td>
<td>11.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
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<tr>
<td>Max. PSI</td>
<td>300</td>
</tr>
<tr>
<td>Disch size</td>
<td>10”</td>
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</tbody>
</table>

**TURBINE OPERATIONS**

Lubbock, Texas

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

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

![Pump Curve](image)

**Curve No. E6412FCPC1**

<table>
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<th>Model</th>
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<tbody>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
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</tr>
<tr>
<td>4-STAGE</td>
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<tr>
<td>Impeller</td>
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<tr>
<td>Ns</td>
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<tr>
<td>K</td>
<td>18.5</td>
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<tr>
<td>Bowl O. D.</td>
<td>11.75 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>300</td>
</tr>
<tr>
<td>Disch size</td>
<td>10”</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 12MLO** *(Effective September 1, 2017)*

**Curve No. E6412MBPC1**

- **Model**: 12MLO
- **RPM**: 1770
- **Impeller**: OPEN
- **Ns**: 7186
- **K**: 31.5
- **Bowl O. D.**: 18.00 in
- **Max. PSI**: 160
- **Disch size**: 12", 14"

**TURBINE OPERATIONS**
Lubbock, Texas

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

---

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

**Curve No. E6412MCPC1**

- **Model**: 12MMO
- **RPM**: 1770
- **Impeller**: OPEN
- **Ns**: 6663
- **K**: 31.3
- **Bowl O. D.**: 18.00 in
- **Max. PSI**: 160
- **Disch size**: 12", 14"

**TURBINE OPERATIONS**
Lubbock, Texas

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

![Graph of Model 12RJHC](image)

**Curve No. E6412RCPC1**

- **Model**: 12RJHC
- **RPM**: 1760
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: Enclosed
- **Ns**: 0
- **K**: 9.5
- **Bowl O. D.**: 11.60 in
- **Bowl Lateral**: 340
- **Max. PSI**: 6", 8", 10"
- **Turbine Operations**: Lubbock, Texas

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

---

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

![Graph of Model 12RJHO](image)

**Curve No. E6412RDPC1**

- **Model**: 12RJHO
- **RPM**: 1760
- **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**: 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 12RJLC  (Effective July 1, 2014)

Curve No. E6412REPC1

Model 12RJLC

RPM 1760

EFFICIENCY CORRECTION

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

Impeller ENCLOSED

Ns = 2580

K = 9.5

Bowl O. D. 11.60 in

Bowl Lateral 1

Max. PSI 340

Disch size 6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 12RJLO  (Effective July 1, 2014)

Curve No. E6412RFPC1

Model 12RJLO

RPM 1760

EFFICIENCY CORRECTION

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

Impeller OPEN

Ns = 2670

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 12RJMC  (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.

Curve No. E6412RGPC1

Model 12RJMC
RPM 1760

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

Impeller ENCLOSED
Ns = 2760
K = 9.5

Bowl O. D. 11.60 in
Bowl Lateral 340
Max. PSI 340
Disch size 6", 8", 10"

MODEL 12RJMO  (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.

Curve No. E6412RHPC1

Model 12RJMO
RPM 1760

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

Impeller OPEN
Ns = 3000
K = 13.7

Bowl O. D. 11.60 in
Bowl Lateral 340
Max. PSI 340
Disch size 6", 8", 10"
MODEL 12WAHC  (Effective July 1, 2014)

Curve No. E60412WAPCO
Model  12WAHC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  -3
2-STAGE  -2
3-STAGE  -1
4-STAGE  -0.5

Impeller  ENCLOSED
Ns =  1660
K =  7
Bowl O. D.  11.60 in
Bowl Lateral  0.75
Max. PSI  390
Disch size  6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 12WALC  (Effective September 1, 2017)

Curve No. E60412WBPCO
Model  12WALC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  -3
2-STAGE  -2
3-STAGE  -1
4-STAGE  -0.5

Impeller  ENCLOSED
Ns =  1725
K =  7
Bowl O. D.  11.60 in
Bowl Lateral  0.75
Max. PSI  390
Disch size  6", 8", 10"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No. E6413CCPC1
Model  13CHC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  -2
2-STAGE  -1
3-STAGE  -0.5
4-STAGE  0
Impeller  ENCLOSED
Ns =  2270
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. E6413CFPC1
Model  13CLC
RPM  1770
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. E6413CGPC1

<table>
<thead>
<tr>
<th>Model</th>
<th>13CMC</th>
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<tbody>
<tr>
<td>RPM</td>
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<tr>
<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>
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<tr>
<td>4-STAGE</td>
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</tr>
<tr>
<td>Impeller</td>
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<td>K</td>
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<td>12.38 in</td>
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<tr>
<td>Bowl Lateral</td>
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<tr>
<td>Max. PSI</td>
<td>330</td>
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<tr>
<td>Disch size</td>
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**TURBINE OPERATIONS**

Lubbock, Texas

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

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**MODEL 13RAHC** (Effective July 1, 2014)

Curve No. E6413RAPC1

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<td>1-STAGE</td>
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<td>3-STAGE</td>
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<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 13RAHXC  (Effective July 1, 2014)

**Curve No. E6413ABPC2**

**Model** 13RAHXC  
**RPM** 1770  
**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  
**Max. PSI**: 430  
**Disch size**: 8", 10", 12"

**TURBINE OPERATIONS**  
Lubbock, Texas

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

---

MODEL 13RALC  (Effective July 1, 2014)

**Curve No. E6413RBPC1**

**Model** 13RALC  
**RPM** 1770  
**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  
**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.  E6414DDPC1

Model  14DHHO

RPM  1760

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
Bowl Lateral  1
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 14DHLHO  (Effective July 1, 2014)

Curve No.  E6414DFPC1

Model  14DHLHO

RPM  1760

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

Impeller  OPEN

Ns =  3850
K =  31.5

Bowl O. D.  13.25 in
Bowl Lateral  1
Max. PSI  330
Disch size  10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No. E6414DMPP1
Model 14DXC
RPM 1770
EFFICIENCY CORRECTION
1-STAGE  0
2-STAGE  0
3-STAGE  0
4-STAGE  0
Impeller ENCLOSED
Ns =  2995
K =  22
Bowl O. D.  13.25 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.

MODEL 14FHC  (Effective September 1, 2017)

Curve No. E6414FAPCO
Model 14FHC
RPM 1770
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  1
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. E6414RKPC0

<table>
<thead>
<tr>
<th>Model</th>
<th>14RHHC</th>
</tr>
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<tbody>
<tr>
<td>RPM</td>
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</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td>1-STAGE: -2, 2-STAGE: -1, 3-STAGE: -0.5, 4-STAGE: 0</td>
</tr>
<tr>
<td>Impeller</td>
<td>ENCLOSED</td>
</tr>
<tr>
<td>Ns =</td>
<td>3375</td>
</tr>
<tr>
<td>K =</td>
<td>16</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>14.00 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>330</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>330</td>
</tr>
<tr>
<td>Disch size</td>
<td>10&quot;, 12&quot;</td>
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TURBINE OPERATIONS

Lubbock, Texas

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

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

Curve No. E6414RRPC0

<table>
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<th>Model</th>
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<tbody>
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</tr>
<tr>
<td>EFFICIENCY CORRECTION</td>
<td>1-STAGE: -2, 2-STAGE: -1, 3-STAGE: -0.5, 4-STAGE: 0</td>
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<tr>
<td>Impeller</td>
<td>OPEN</td>
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<tr>
<td>Ns =</td>
<td>3300</td>
</tr>
<tr>
<td>K =</td>
<td>24</td>
</tr>
<tr>
<td>Bowl O. D.</td>
<td>14.00 in</td>
</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.75</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>330</td>
</tr>
<tr>
<td>Disch size</td>
<td>10&quot;, 12&quot;</td>
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</tbody>
</table>

TURBINE OPERATIONS

Lubbock, Texas

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

Curve No. E6414RNPC0
Model 14RHLC
RPM 1770
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 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 14RHLO  (Effective July 1, 2014)

Curve No. E6414RSPC0
Model 14RHLO
RPM 1770
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)*

![Graph of Model 14RHMC](image1)

**TURBINE OPERATIONS**
Lubbock, Texas

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

![Graph of Model 14RHMO](image2)

**TURBINE OPERATIONS**
Lubbock, Texas

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

**Curve No. E6414RCPC2**

- **Model**: 14RJHC
- **RPM**: 1770
- **Efficiency Correction**
  - 1-STAGE: -1
  - 2-STAGE: -0.5
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3032
- **K**: 13
- **Bowl O. D.**: 13.63 in
- **Bowl Lateral**: 340
- **Max. PSI**: 340
- **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.**

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

**Curve No. E6414RDPC1**

- **Model**: 14RJHO
- **RPM**: 1770
- **Efficiency Correction**
  - 1-STAGE: -1
  - 2-STAGE: -0.5
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: OPEN
- **Ns**: 2840
- **K**: 16.2
- **Bowl O. D.**: 13.63 in
- **Bowl Lateral**: 1
- **Max. PSI**: 340
- **Disch size**: 8", 10", 12"

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

Curve No. E6614REPC1

- Model 14RJLC
- RPM 1770
- Efficiency Correction
  - 1-STAGE -3
  - 2-STAGE -1
  - 3-STAGE 0
  - 4-STAGE 0
- Impeller ENCLOSED
- Ns = 2750
- K = 13
- Bowl O. D. 13.63 in
- Bowl Lateral 340
- Max. PSI 340
- Disch size 8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 14RJLO  (Effective July 1, 2014)

Curve No. E6414RFPC1

- Model 14RJLO
- RPM 1770
- Efficiency Correction
  - 1-STAGE -2
  - 2-STAGE -1
  - 3-STAGE 0
  - 4-STAGE 0
- Impeller OPEN
- Ns = 2730
- K = 16.2
- Bowl O. D. 13.63 in
- Bowl Lateral 1
- Max. PSI 340
- Disch size 8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

Curve No. E6614RGPC3
Model  14RJMC
RPM  1770

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

Impeller  ENCLOSED
Ns =  2990
K =  13
Bowl O. D. 13.63 in
Bowl Lateral 340
Max. PSI  340
Disch size  8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 14RJMO  (Effective July 1, 2014)

Curve No. E6414RHPC1
Model  14RJMO
RPM  1770

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

Impeller  OPEN
Ns =  2920
K =  16.2
Bowl O. D. 13.63 in
Bowl Lateral 1
Max. PSI  340
Disch size  8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.
RATED POINT ONLY IS GUARANTEED.  CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.  EFFICIENCY CORRECTION APPLIES TO HEAD, FLOW AND HORSEPOWER FOR LESSER STAGES.
MODEL 15FHC  (Effective July 1, 2014)

Curve No. E6415FAPCO
Model  15FHC
RPM  1770

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

Impeller  ENCLOSED
Ns  4600
K  30

Bowl O. D.  14.75 in
Bowl Lateral  1.25
Max. PSI  260
Disch size  12", 14"

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 16BHC  (Effective July 1, 2014)

Curve No. E6416BBPC2
Model  16BHC
RPM  1770

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

Impeller  ENCLOSED
Ns  1825
K  14.1

Bowl O. D.  16.13 in
Bowl Lateral  0.88
Max. PSI  322
Disch size  8", 10", 12"

TURBINE OPERATIONS
Lubbock, Texas

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

The performance curves for the Goulds Water Technology Model 16BLC are shown in the diagram. The curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow, and horsepower for lesser stages. The bowl performance curve is based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves 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)

The performance curves for the Goulds Water Technology Model 16DHHO are shown in the diagram. The curves represent single stage performance based on test of multi-stage bowl assembly. Efficiency correction applies to head, flow, and horsepower for lesser stages. The bowl performance curve is based on pumping clear, non-aerated water. Rated point only is guaranteed. Curves 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. E6416DEPC1**

<table>
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<th>Model</th>
<th>16DHLC</th>
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<tr>
<td>RPM</td>
<td>1770</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</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>3733</td>
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<tr>
<td>K</td>
<td>31</td>
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<tr>
<td>Bowl O. D.</td>
<td>15.25 in</td>
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<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
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<tr>
<td>Max. PSI</td>
<td>240</td>
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<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 16DHLO  (Effective July 1, 2014)

**Curve No. E6416DFPC1**

<table>
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<td>1-STAGE</td>
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<td>2-STAGE</td>
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<td>3-STAGE</td>
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<td>K</td>
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<td>Bowl O. D.</td>
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</tr>
<tr>
<td>Bowl Lateral</td>
<td>0.88</td>
</tr>
<tr>
<td>Max. PSI</td>
<td>240</td>
</tr>
<tr>
<td>Disch size</td>
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**TURBINE OPERATIONS**

Lubbock, Texas

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

Curve No. E6416DHPCO

RPM 1770

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

Impeller ENCLOSED

Ns = 2859
K = 18

Bowl O. D. 15.25 in
Bowl Lateral 0.75
Max. PSI 335
Disch size --

USE FOR 1ST STAGE ONLY

MODEL 16DXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

TURBINE OPERATIONS
Lubbock, Texas

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

Model 16DXC

Curve No. E6416DMPC1

RPM 1770

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

Impeller ENCLOSED

Ns = 3122
K = 28

Bowl O. D. 15.25 in
Bowl Lateral 0.88
Max. PSI 240
Disch size --
MODEL 16RGHC (Effective September 1, 2017)

Curve No. E6416RAPP1

Model 16RGHC

RPM 1770

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

Impeller ENCLOSED

Ns = 4895
K = 24

Bowl O. D. 16.00 in
Bowl Lateral 1
Max. PSI 420

Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 16RGHC (Effective July 1, 2014)

Curve No. E6416RAPP1

Model 16RGHC

RPM 1770

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

Impeller ENCLOSED

Ns = 4895
K = 24

Bowl O. D. 16.00 in
Bowl Lateral 1
Max. PSI 420

Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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

TURBINE OPERATIONS
Lubbock, Texas

USE FOR 1ST STAGE ONLY

MODEL 16RGHXC  (Effective July 1, 2014)

TURBINE OPERATIONS
Lubbock, Texas
MODEL 16RGLXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E6416GLPC0
Model 16RGLXC
RPM 1770

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 1
Max. PSI 420

TURBINE OPERATIONS
Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES 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. E6418BBPCI
Model 18BHC
RPM 1770

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

TURBINE OPERATIONS
Lubbock, Texas

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

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<tr>
<td>1-STAGE</td>
<td>-3</td>
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<tr>
<td>K</td>
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<td>Bowl O. D.</td>
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<td>Bowl Lateral</td>
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<td>348</td>
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<td>Disch size</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.**

**TURBINE OPERATIONS**

Lubbock, Texas

US gpm | Power - hp |
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**MODEL 18CHC** *(Effective July 1, 2014)*

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<tr>
<td>K</td>
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<tr>
<td>Bowl O. D.</td>
<td>17.50 in</td>
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<td>Bowl Lateral</td>
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<td>Max. PSI</td>
<td>275</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.**

**TURBINE OPERATIONS**

Lubbock, Texas

US gpm | Power - hp |
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<td>500</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 18DHC (Effective September 1, 2017)

Model 18DHC
RPM 1770

Curve No. E6418DBPCO

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

Impeller ENCLOSED

Ns = 3087
K = 21

Bowl O. D. 17.75 in
Bowl Lateral 0.75
Max. PSI 310

Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 18DMC (Effective July 1, 2014)

Model 18DMC
RPM 1770

Curve No. E6418DHPCI

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

Impeller ENCLOSED

Ns = 2868
K = 27.5

Bowl O. D. 17.75 in
Bowl Lateral 0.75
Max. PSI 310

Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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

USE FOR 1ST STAGE ONLY

Curve No. E6418DMPC1
Model 18DXC
RPM 1770
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 0.75
Max. PSI 310
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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

MODEL 18GHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No. E6418GGPC1
Model 18GHXC
RPM 1770
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. E6418HCPCO**

- **Model**: 18HMC
- **RPM**: 1770
- **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. E6418HDPCO**

- **Model**: 18HMO
- **RPM**: 1770
- **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)

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

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

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

USE FOR ADDITIONAL STAGE ONLY

Curve No.  E6418LBPC1
Model  18LHC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  0
2-STAGE  0
3-STAGE  0
4-STAGE  0
Impeller  ENCLOSED
N<sub>s</sub> = 4705
K = 32
Bowl O. D.  18.00 in
Bowl Lateral  1.12
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 18LHXC  (Effective July 1, 2014)

USE FOR 1ST STAGE ONLY

Curve No.  E6418LHPC0
Model  18LHXC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  0
2-STAGE  0
3-STAGE  0
4-STAGE  0
Impeller  ENCLOSED
N<sub>s</sub> = 5064
K = 36.8
Bowl O. D.  18.00 in
Bowl Lateral  1.12
Max. PSI  375
Disch size  --
TURBINE OPERATIONS
Lubbock, Texas

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

**Curve No. E6420BBPC2**

- **Model**: 20BHC
- **RPM**: 1770
- **Efficiency Correction**
  - 1-STAGE: -0.5
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 2034
- **K**: 18.8
- **Bowl O. D.**: 19.75 in
- **Bowl Lateral**: --

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

**USE FOR 1ST STAGE ONLY**

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

**Curve No. E6420EAPC1**

- **Model**: 20EHC
- **RPM**: 1770
- **Efficiency Correction**
  - 1-STAGE: 0
  - 2-STAGE: 0
  - 3-STAGE: 0
  - 4-STAGE: 0
- **Impeller**: ENCLOSED
- **Ns**: 3234
- **K**: 36
- **Bowl O. D.**: 18.94 in
- **Bowl Lateral**: 0.81 in
- **Max. PSI**: 290
- **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.**

**TURBINE OPERATIONS**
Lubbock, Texas

**USE FOR 1ST STAGE ONLY**
MODEL 20EHC  (Effective July 1, 2014)

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

USE FOR ADDITIONAL STAGE ONLY

Curve No. E6420EAPC1

Model  20EHC

RPM  1770

Efficiency Correction

1-Stage  0
2-Stage  0
3-Stage  0
4-Stage  0

Impeller ENCLODED

Ns =  3233
K =  36

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

TURBINE OPERATIONS
Lubbock, Texas

USE FOR 1ST STAGE ONLY

MODEL 20EHXC  (Effective July 1, 2014)

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

USE FOR 1ST STAGE ONLY

Curve No. E6420ERPC0

Model  20EHXC

RPM  1770

Efficiency Correction

1-Stage  0
2-Stage  0
3-Stage  0
4-Stage  0

Impeller ENCLODED

Ns =  3329
K =  36

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

TURBINE OPERATIONS
Lubbock, Texas
MODEL 20ELC  (Effective July 1, 2014)

Curve No. E6420EDPC3
Model  20ELC
RPM  1770
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
Disch size

TURBINE OPERATIONS
Lubbock, Texas

USE FOR 1ST STAGE ONLY

MODEL 20GHXC  (Effective July 1, 2014)

Curve No. E6620GGPF0
Model  20GHXC
RPM  1770
EFFICIENCY CORRECTION
1-STAGE  0
2-STAGE  0
3-STAGE  0
4-STAGE  0

Impeller  ENCLOSED
Ns = 4255
K = 52
Bowl O. D.  20.75 in
Bowl Lateral  1.41
Max. PSI  300
Disch size

TURBINE OPERATIONS
Lubbock, Texas
MODEL 20GLC  (Effective September 1, 2017)

Curve No. E6620GCPCO

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<td>Ns</td>
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<td>K</td>
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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.

USE FOR 1ST STAGE ONLY

MODEL 20GLXC  (Effective July 1, 2014)

Curve No. E6420GLPF0

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Bowl O. D. 20.75 in
Bowl Lateral 1.41
Max. PSI 300
Disch size --

TURBINE OPERATIONS
Lubbock, Texas

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