# Lineshaft and Submersible Turbine Pump Curves

3600 RPM CURVES - 60 CYCLE PERFORMANCE



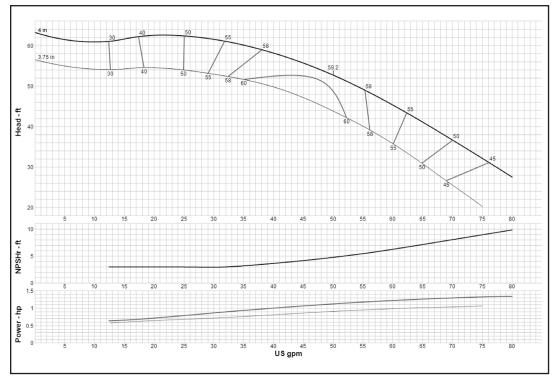
# **INDEX - 60 CYCLE PERFORMANCE - 3600 RPM**

Model	RPM	Curve Number	Date Issued
5ALC	3550	E6205ACPC1	September 1, 2017
5CHC	3550	E6205CCPC2	July 1, 2014
5CLC	3550	E6205CFPC2	July 1, 2014
5RWAHC	3550	E6205WCPC2	September 1, 2017
5RWALC	3550	E6205WDPC2	July 1, 2014
5THC	3550	E6205TFPC1	July 1, 2014
5TLC	3550	E6205TEPC0	July 1, 2014
6CHC	3550	E6206CCPC2	September 1, 2017
6CLC	3550	E6206CFPC2	September 1, 2017
6DHHC	3550	E6206DCPCO	July 1, 2014
6ДННО	3550	E6206DDPC2	July 1, 2014
6DHLC	3550	E6206DEPCO	July 1, 2014
6DHLO	3550	E6206DFPC1	July 1, 2014
6RAHC	3550	E6206AAPC4	September 1, 2017
6RALC	3550	E6206ACPC4	September 1, 2017
7CHC	3550	E6207CCPC2	September 1, 2017
7CHO	3550	E6207CHPC0	July 1, 2014
7CLC	3550	E6207CFPC1	September 1, 2017
7CLO	3550	E6207CJPC0	July 1, 2014
7RAHC	3550	E6207RAPC1	September 1, 2017
7RALC	3550	E6207RBPC1	July 1, 2014
7THC	3550	E6207TFPC2	July 1, 2014
7TLC	3550	E6207TAPC2	July 1, 2014
7WAHC	3550	E6207WAPC1	September 1, 2017
7WALC	3550	E6207WBPCO	September 1, 2017
8FDHC	3550	E6208FDPC0	July 1, 2014
8FDHO	3550	E6208FEPC0	July 1, 2014
8FDLC	3550	E6208FFPC0	July 1, 2014
8FDLO	3550	E6208FGPC0	July 1, 2014
8RAHC	3550	E6208AAPC7	July 1, 2014
8RALC	3550	E6208ACPC5	July 1, 2014
8RJHC	3550	E6208RCPCO	July 1, 2014
8RJHO	3550	E6208RDPC1	July 1, 2014
8RJLC	3550	E6208REPC1	September 1, 2017
8RJLO	3550	E6208RFPC1	July 1, 2014
9RCHC	3550	E6209CCPC2	September 1, 2017
9RCHO	3550	E6409CHPC1	July 1, 2014
9RCLC	3550	E6209CFPC2	July 1, 2014
9RCLO	3550	E6409CJPC1	July 1, 2014
9THC	3550	E6209TEPC2	July 1, 2014
9TLC	3550	E6209TAPC2	July 1, 2014

# INDEX - 60 CYCLE PERFORMANCE - 3600 RPM

Model	RPM	<b>Curve Number</b>	Date Issued
9WAHC	3550	E6209WAPCO	September 1, 2017
9WALC	3550	E6209WBPCO	July 1, 2014
10RAHC	3550	E6210RAPC1	September 1, 2017
10RAHXC	3550	E6210ABPC2	July 1, 2014
10RALC	3550	E6210RBPC1	September 1, 2017
10RJHC	3550	E6410RCPC1	September 1, 2017
10RJLC	3550	E6210REPC1	September 1, 2017
10RJLO	3550	E6210RFPC1	July 1, 2014
10RJMC	3550	E6210RGPC1	July 1, 2014
10RJMO	3550	E6210RHPC1	July 1, 2014
10WAHC	3550	E6210WAPC1	July 1, 2014
10WALC	3550	E6210WBPC2	July 1, 2014
11CLC	3550	E6211CFPC1	September 1, 2017
11CLO	3550	E6411CJPCO	July 1, 2014
11RAHC	3550	E6211RAPC1	July 1, 2014
11RAHXC	3550	E6211ABPC2	July 1, 2014
11RALC	3550	E6211RBPC1	July 1, 2014
11WAHC	3550	E6211WAPCO	July 1, 2014
11WALC	3550	E6211WBPCO	July 1, 2014
12WAHC	3550	E60412WAPCO	July 1, 2014
12WALC	3550	E60412WBPCO	July 1, 2014
13RAHC	3550	E6213RAPC1	July 1, 2014
13RAHXC	3550	E6213ABPC2	July 1, 2014
13RALC	3550	E6213RBPC1	July 1, 2014

# MODEL 5ALC (Effective September 1, 2017)



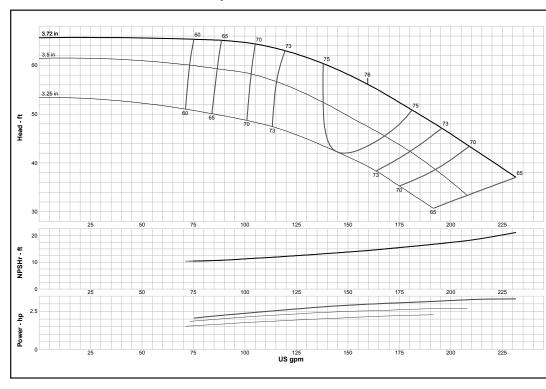
Curve No. E6205ACPC1		
Model	5ALC	
RPM	3550	
EFFICIENCY (	CORRECTION	1
1-STAGE		-4
2-STAGE		-3
3-STAGE		-1.5
4-STAGE		0
Impeller	ENCLO:	SED
Ns =	2187	
K =	1.3	
Bowl O. D.	į	5.20 in
Bowl Lateral	0.25	
Max. PSI	480	
Disch size	3", 4"	

# TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 5CHC (Effective July 1, 2014)

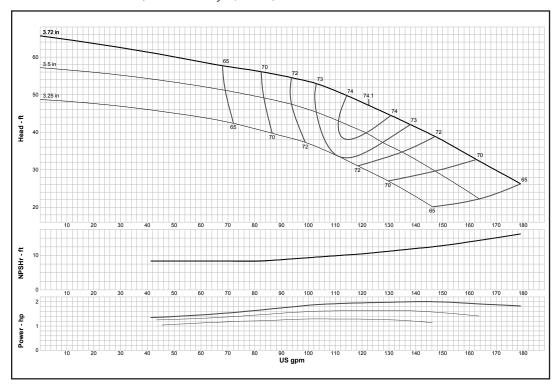


Curve No. E6205CCPC2			
Model	5C	нс	
RPM	35	50	
EFFICIENCY	CORRI	ECTION	
1-STAGE	1-STAGE -4		
2-STAGE	-3		
3-STAGE	-1.5		
4-STAGE			0
Impeller ENCLOSED			
Ns = <b>2187</b>			
K = <b>1.3</b>			
Bowl O. D.	5.20 in		
Bowl Lateral	ol 0.25		
Max. PSI	480		
Disch size	3", 4"		

## **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 5CLC (Effective July 1, 2014)



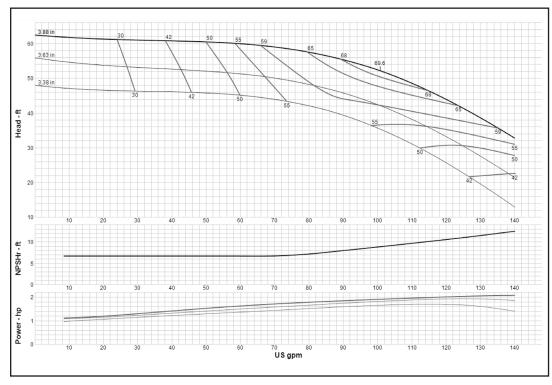
Curve No. E6205CFPC2		
Model	5CLC	
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-4
2-STAGE		-3
3-STAGE		-1.5
4-STAGE		0
Impeller	ENCLOS	SED
Ns =	2184	
K =	1.4	
Bowl O. D.	5.20 in	
Bowl Lateral	0.25	
Max. PSI	480	
Disch size	3", 4"	
TUDDINE	DEDATION	c

#### TURBINE OPERATIONS

Lubbock, Texas

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

## MODEL 5RWAHC (Effective September 1, 2017)

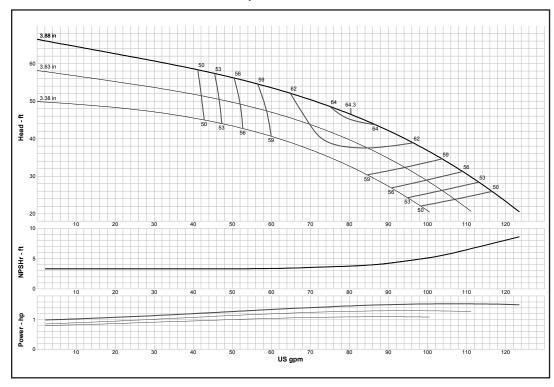


Curve No. E6205WCPC2		
Model	5RWAH	łC
RPM	3550	
EFFICIENCY	CORRECTIO	N
1-STAGE		-4
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	ENCLO	SED
Ns =	1810	
K =	1.3	
Bowl O. D.		5.20 in
Bowl Lateral	0.5	
Max. PSI	480	
Disch size		3", 4"
TUDDINE C	DEDATION	ıc

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 5RWALC (Effective July 1, 2014)



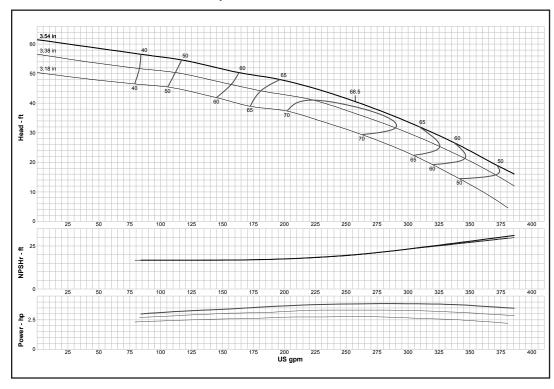
Curve No. E6205WDPC2		
Model	5RWALC	:
RPM	3550	
EFFICIENCY	CORRECTION	
1-STAGE		-4
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	<b>ENCLOS</b>	ED
Ns =	2000	
K =	1.3	
Bowl O. D.	5	.20 in
Bowl Lateral	0.5	
Max. PSI	480	
Disch size	e 3", 4"	
TURRINE OPERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 5THC (Effective July 1, 2014)

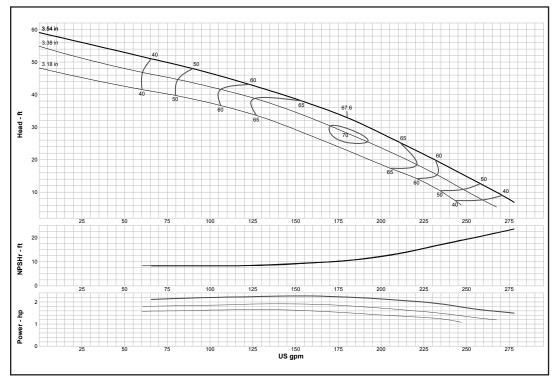


Curve No. E6205TFPC1		
Model	5THC	
RPM	3550	
EFFICIENCY	CORRECTION	٧
1-STAGE		-3
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller ENCLOSED		
Ns =	3395	
K =	2.36	
Bowl O. D.	Ē	5.20 in
Bowl Lateral	0.25	
Max. PSI	480	
Disch size	3", 4"	

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 5TLC (Effective July 1, 2014)



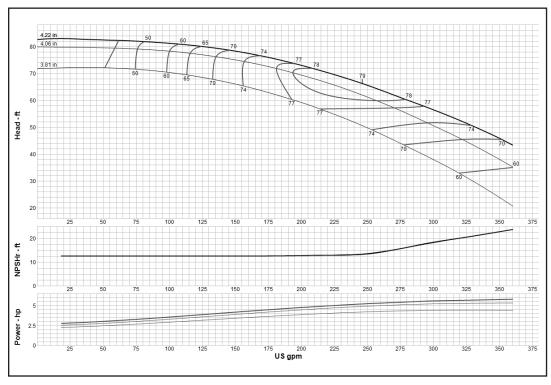
Curve No. E6205TEPC0		
Model	5TLC	
RPM	3550	
EFFICIENCY	CORRECTION	١
1-STAGE		-3
2-STAGE		-2
3-STAGE		-0.5
4-STAGE		0
Impeller	ENCLOS	SED
Ns =	3314	
K =	2.36	
Bowl O. D.	Ē	5.20 in
Bowl Lateral		0.25
Max. PSI		480
Disch size		3", 4"
TURBINE OPERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

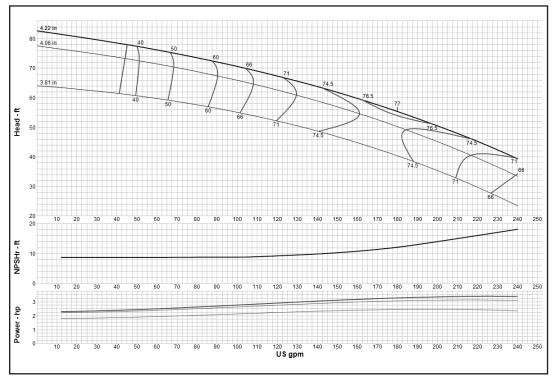


Curve No. E6206CCPC2		
Model	6CHC	
RPM	3550	
EFFICIENC\	CORRECTIOI	N
1-STAGE		-3
2-STAGE		-2
3-STAGE		-0.5
4-STAGE		0
Impeller ENCLOSED		
Ns =	2340	
K =	2.1	
Bowl O. D.		5.88 in
Bowl Latera	0.25	
Max. PSI	420	
Disch size		3", 4"
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#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 6CLC (Effective September 1, 2017)

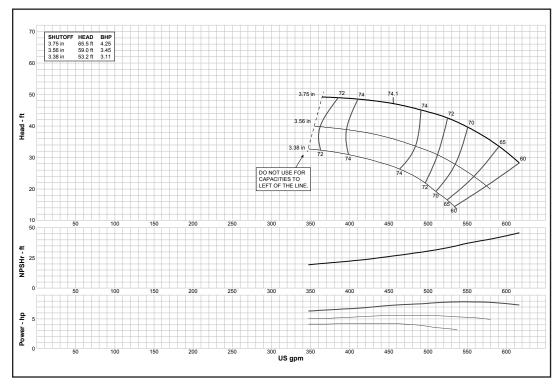


Curve No. E6206CFPC2		
Model	6CLC	
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-3
2-STAGE		-2
3-STAGE		-0.5
4-STAGE		0
Impeller	<b>ENCLOS</b>	SED
Ns = <b>2292</b>		
K =	2.1	
Bowl O. D.	5.88 in	
Bowl Lateral	ol 0.25	
Max. PSI	420	
Disch size	3", 4"	
TURBINE OPERATIONS		

Lubbock, Texas

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

# MODEL 6DHHC (Effective July 1, 2014)

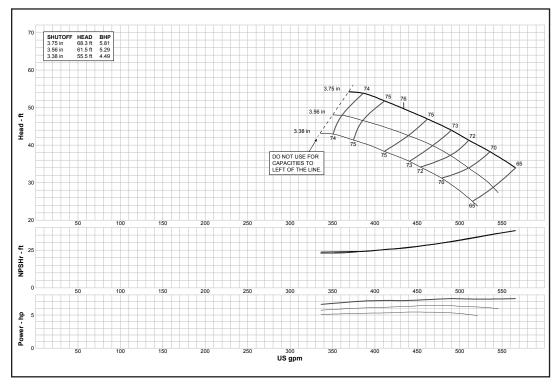


Curve No. E6206DCPCO		
Model	6DHHC	
RPM	3550	
EFFICIENCY (	CORRECTION	
1-STAGE		-3
2-STAGE		-2
3-STAGE		-0.5
4-STAGE		0
Impeller ENCLOSED		
Ns =	3950	
K =	5.6	
Bowl O. D.	5	.50 in
Bowl Lateral	0.56	
Max. PSI	200	
Disch size	3", 4"	

## **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 6DHHO (Effective July 1, 2014)



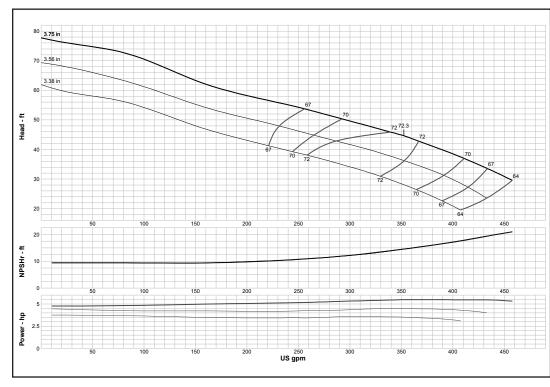
Curve No. E6206DDPC2		
Model	6DHHO	1
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-3
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	OPEN	
Ns =	3950	
K =	5.6	
Bowl O. D.	5	5.50 in
Bowl Lateral		0.56
Max. PSI		200
Disch size		3", 4"
TURRING OPERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 6DHLC (Effective July 1, 2014)

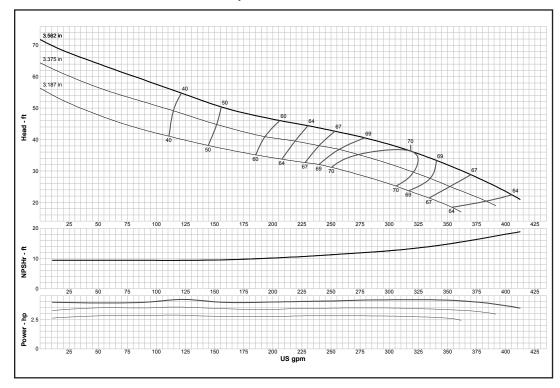


Curve No. E6206DEPCO		
Model	6DHLC	
RPM	3550	
EFFICIENCY	CORRECTION	
1-STAGE		-3
2-STAGE		-2
3-STAGE		-0.5
4-STAGE		0
Impeller ENCLOSED		
Ns =	4280	
K =	5.6	
Bowl O. D.	5	.50 in
Bowl Lateral		0.56
Max. PSI		200
Disch size	3", 4"	

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 6DHLO (Effective July 1, 2014)



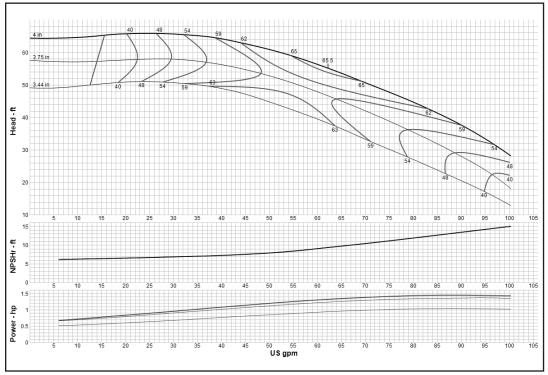
Curve No. E6206DFPC1		
Model	6DHLO	
RPM	3550	
EFFICIENCY	CORRECTION	
1-STAGE		-3
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	OPEN	
Ns =	4280	
K =	5.6	
Bowl O. D.	5	.50 in
Bowl Lateral		0.56
Max. PSI	200	
Disch size	ch size 3", 4"	
TURBINE OPERATIONS		

#### URBINE OPERATIO

Lubbock, Texas

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

# MODEL 6RAHC (Effective September 1, 2017)

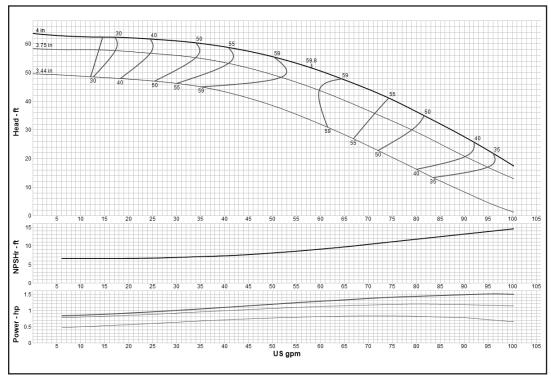


	AHC 50	
DDM 2EI	50	
RPM 35		
EFFICIENCY CORRE	ECTION	
1-STAGE	-4	
2-STAGE	-2	
3-STAGE	-1	
4-STAGE	0	
Impeller ENCLOSED		
Ns = <b>14</b> !	50	
K = <b>1.1</b>	8	
Bowl O. D.	5.50 in	
Bowl Lateral	0.25	
Max. PSI	430	
Disch size	3", 4"	

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 6RALC (Effective September 1, 2017)



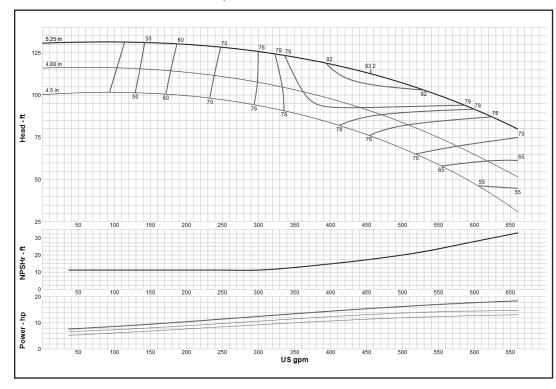
Curve No. E6206ACPC4		
Model	6RALC	
RPM	3550	
EFFICIENCY (	CORRECTION	
1-STAGE		-4
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	<b>ENCLOS</b>	ED
Ns =	1270	
K =	1.18	
Bowl O. D.	5	.50 in
Bowl Lateral		0.25
Max. PSI		430
Disch size	3	3", 4"
TURBINE OPERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

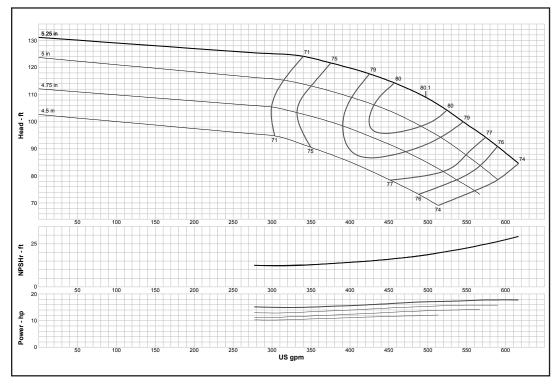


Curve No. E6207CCPC2		
Model	7CHC	
RPM	3550	
EFFICIENCY	CORRECTION	٧
1-STAGE		-3
2-STAGE		-1
3-STAGE		0
4-STAGE		0
Impeller	ENCLO:	SED
Ns =	2210	
K =	3.5	
Bowl O. D.		7.13 in
Bowl Lateral		0.5
Max. PSI		415
Disch size	4	", 5", 6"
TURRINE ORERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 7CHO (Effective July 1, 2014)



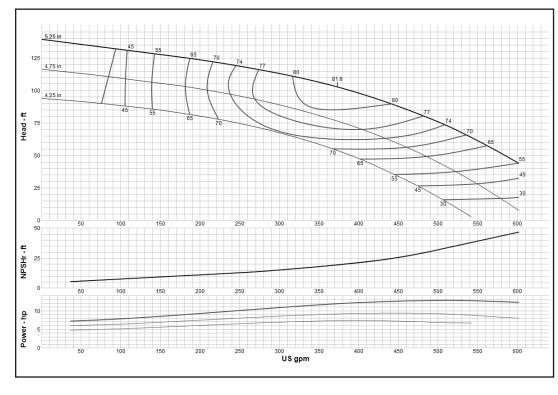
Curve No. E6207CHPC0		
Model	7CHO	
RPM	3550	
EFFICIENCY	CORRECTION	l
1-STAGE		-2
2-STAGE		-1
3-STAGE		-0.5
4-STAGE		0
Impeller	OPEN	
Ns =	2300	
K =	3.8	
Bowl O. D.	7	.13 in
Bowl Lateral		0.5
Max. PSI		415
Disch size	4'	", 5", 6"
TUDDINE ODEDATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

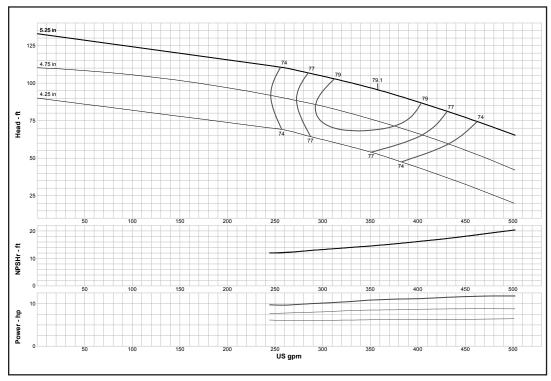


Curve No. E6207CFPC1		
Model	7CLC	
RPM	3550	
EFFICIENCY	CORRECTION	١
1-STAGE		-3
2-STAGE		-1
3-STAGE		0
4-STAGE		0
Impeller	ENCLO:	SED
Ns =	2422	
K =	3.5	
Bowl O. D.		7.13 in
Bowl Lateral		0.5
Max. PSI	415	
Disch size	4", 5", 6"	

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 7CLO (Effective July 1, 2014)



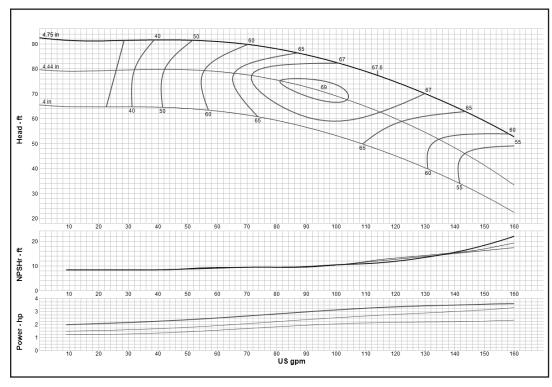
Curve No. E6207CJPC0		
Model	7CLO	
RPM	3550	
EFFICIENCY	CORRECTION	
1-STAGE		-2
2-STAGE		-1
3-STAGE		-0.5
4-STAGE		0
Impeller	OPEN	
Ns =	2160	
K =	3.8	
Bowl O. D.	7	.13 in
Bowl Lateral		0.5
Max. PSI		415
Disch size	4'	′, 5″, 6″
TURBINE OPERATIONS		

#### URBINE OPERATION

Lubbock, Texas

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

# MODEL 7RAHC (Effective September 1, 2017)

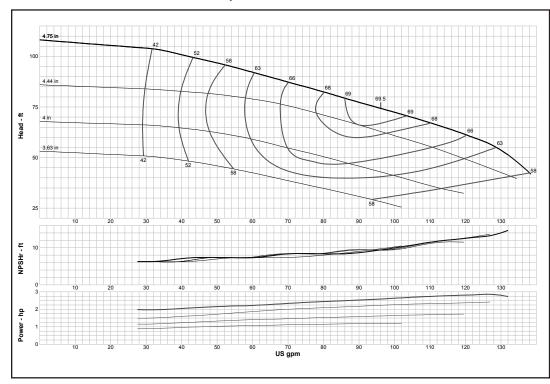


Curve No. E6207RAPC1		
7RAHC		
3550		
CORRECTION	١	
	-4	
	-2	
	-1	
	0	
ENCLOS	SED	
1290		
1.61		
7	7.50 in	
	0.25	
430		
3", 4"		
	7RAHC 3550 CORRECTION ENCLOS 1290 1.61	

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 7RALC (Effective July 1, 2014)



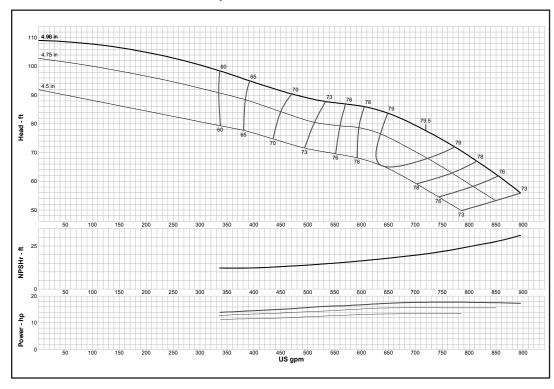
Curve No. E6207RBPC1		
Model	7RALC	
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-4
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	Impeller ENCLOSED	
Ns =	1325	
K =	1.61	
Bowl O. D.	7	7.50 in
Bowl Lateral		0.25
Max. PSI	430	
Disch size	e 3", 4"	
TURBINE OPERATIONS		

#### TURBINE OPERATION

Lubbock, Texas

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

## MODEL 7THC (Effective July 1, 2014)

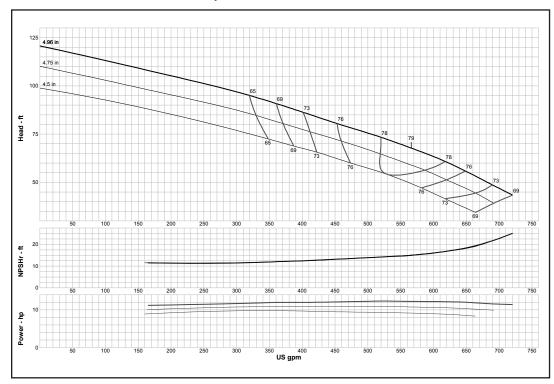


Curve No. E6207TFPC2		
Model	7THC	
RPM	3550	
EFFICIENCY (	CORRECTION	I
1-STAGE		-3
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	ENCLOS	SED
Ns =	3655	
K =	4.56	
Bowl O. D.	7	'.13 in
Bowl Lateral		0.38
Max. PSI		310
Disch size		5", 6"

## **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 7TLC (Effective July 1, 2014)



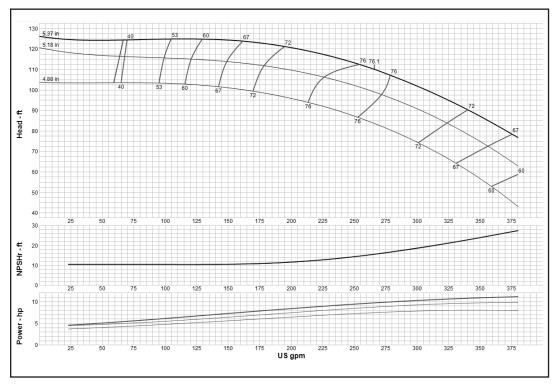
Curve No. E6207TAPC2			
Model	7TLC		
RPM	3550		
EFFICIENCY	CORRECTION	1	
1-STAGE		-3	
2-STAGE		-2	
3-STAGE		-1	
4-STAGE		0	
Impeller	Impeller ENCLOSED		
Ns =	3575		
K = <b>4.5</b>			
Bowl O. D.	7	'.13 in	
Bowl Lateral		0.38	
Max. PSI	310		
Disch size	sch size 5", 6"		
TURBINE OPERATIONS			

#### TURBINE OPERATION

Lubbock, Texas

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

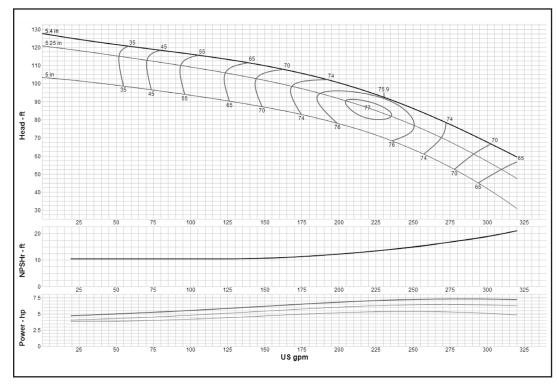


Curve No. E6207WAPC1			
Model	7WAHC		
RPM	3550		
EFFICIENCY	CORRECTION	1	
1-STAGE		-2	
2-STAGE		-1	
3-STAGE		-0.5	
4-STAGE		0	
Impeller ENCLOSED			
Ns =	1567		
K =	2.63		
Bowl O. D.	-	7.13 in	
Bowl Lateral	0.5		
Max. PSI	365		
Disch size	4", 5", 6"		

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 7WALC (Effective September 1, 2017)

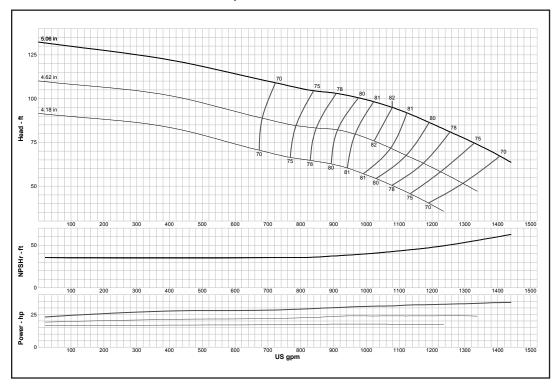


Curve No. E6207WBPCO			
Model	7WALC		
RPM	3550		
EFFICIENCY (	CORRECTION	1	
1-STAGE		-2	
2-STAGE		-1	
3-STAGE		-0.5	
4-STAGE		0	
Impeller	ENCLOS	SED	
Ns =	1655		
K =	2.63		
Bowl O. D.	7.13 in		
Bowl Lateral		0.5	
Max. PSI	365		
Disch size 4", 5", 6"			
TURBINE O	PERATION	S	

Lubbock, Texas

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

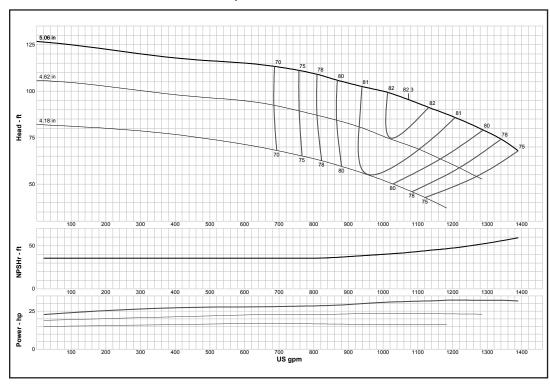


Curve No. E6208FDPC0			
Model	8FDHC		
RPM	3550		
EFFICIENCY	CORRECTIO	N	
1-STAGE		-4	
2-STAGE		-2	
3-STAGE		-1	
4-STAGE		0	
Impeller ENCLOSED			
Ns =	3850		
K =	7.9		
Bowl O. D.		7.31 in	
Bowl Lateral	0.56		
Max. PSI	400		
Disch size	5", 6"		

## **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 8FDHO (Effective July 1, 2014)



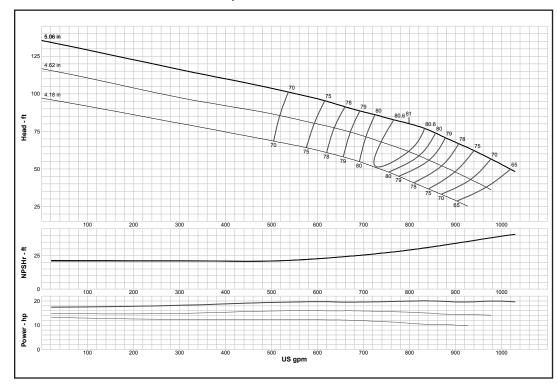
Curve No. E6208FEPC0			
Model	8FDHO		
RPM	3550		
EFFICIENCY	CORRECTION	l	
1-STAGE		-3	
2-STAGE		-1.5	
3-STAGE		-1	
4-STAGE		0	
Impeller	<b>OPEN</b>		
Ns =	3850		
K = <b>9.9</b>			
Bowl O. D.	7	.31 in	
Bowl Lateral		0.56	
Max. PSI	400		
Disch size 5", 6"			
TURBINE OPERATIONS			

#### TURBINE OPERATION

Lubbock, Texas

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

# MODEL 8FDLC (Effective July 1, 2014)

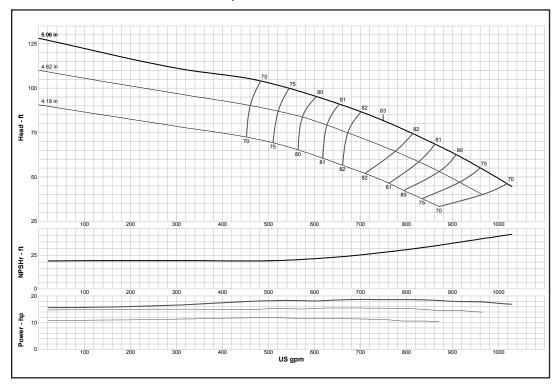


Curve No. E6208FFPC0			
Model	8FDLC		
RPM	3550		
EFFICIENCY	CORRECTION	V	
1-STAGE		-3	
2-STAGE		-1.5	
3-STAGE		-1	
4-STAGE		0	
Impeller	ENCLO:	SED	
Ns =	3750		
K =	7.9		
Bowl O. D.	7.31 in		
Bowl Lateral	0.56		
Max. PSI	400		
Disch size	ze 5", 6"		
TUDDING ODERATIONS			

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 8FDLO (Effective July 1, 2014)



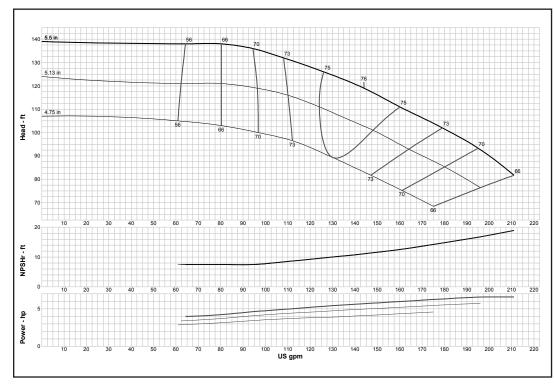
Curve No. E6208FGPC0		
Model	8FDLO	
RPM	3550	
EFFICIENCY	CORRECTION	l
1-STAGE		-3
2-STAGE		-1.5
3-STAGE		-1
4-STAGE		0
Impeller	OPEN	
Ns =	3750	
K =	9.9	
Bowl O. D.	7	.31 in
Bowl Lateral		0.56
Max. PSI		400
Disch size		5", 6"
TURBINE OPERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 8RAHC (Effective July 1, 2014)

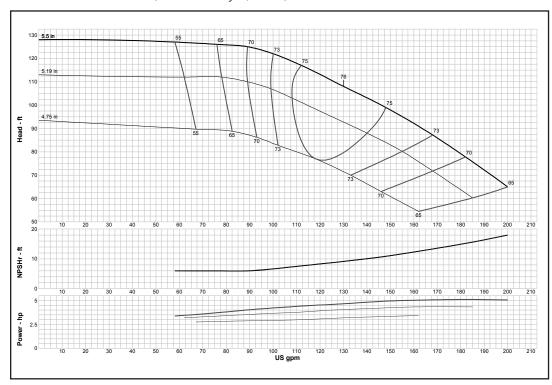


Curve No. E6208AAPC7			
Model	8R	AHC	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-4
2-STAGE			-2
3-STAGE			-1
4-STAGE			0
Impeller	ΕN	CLOS	ED
Ns =	11	84	
K =	2		
Bowl O. D.		7.	50 in
Bowl Lateral		(	0.25
Max. PSI			430
Disch size		4",	5", 6"
TUDDINE ODEDATIONS			

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 8RALC (Effective July 1, 2014)



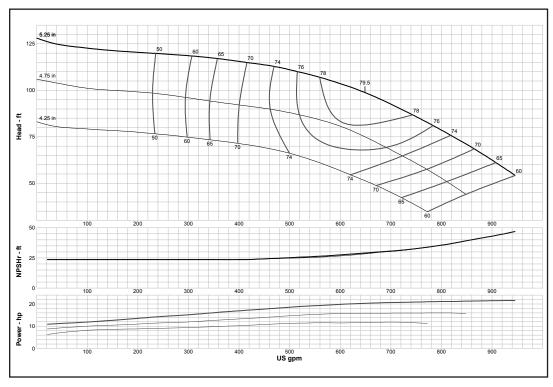
Curve No. E6208ACPC5			
Model	8R/	ALC	
RPM	35	50	
EFFICIENCY	CORRE	CTION	l
1-STAGE			-4
2-STAGE			-2
3-STAGE			-1
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	120	80	
K =	2		
Bowl O. D.		7	.50 in
Bowl Lateral			0.25
Max. PSI			430
Disch size		4′	", 5", 6"
TURRING ORER ATIONS			

## TURBINE OPERATIONS

Lubbock, Texas

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

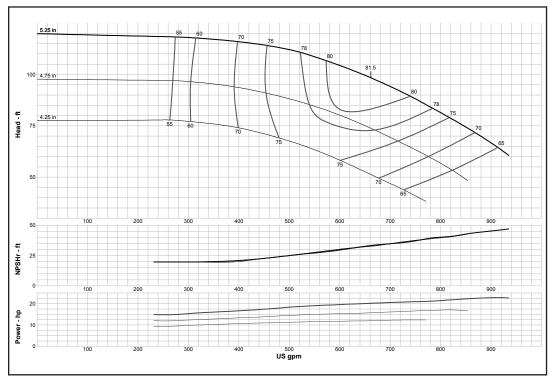


Curve No. E6208RCPCO			
Model	8R	JHC	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE			0
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	28	49	
K =	4		
Bowl O. D.		7.50 in	
Bowl Lateral		(	0.63
Max. PSI	425		
Disch size	Disch size 4", 5", 6"		
TURRING ORERATIONS			

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 8RJHO (Effective July 1, 2014)



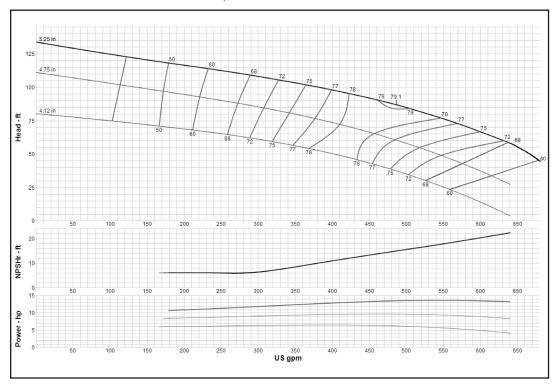
Curve No. E6208RDPC1			
Model	8RJHO		
RPM	3550		
EFFICIENCY (	CORRECTION	1	
1-STAGE		0	
2-STAGE		0	
3-STAGE		0	
4-STAGE		0	
Impeller	OPEN		
Ns =	2825		
K =	5.3		
Bowl O. D.	7	'.50 in	
Bowl Lateral		0.63	
Max. PSI	425		
Disch size	size 4", 5", 6"		
TURBINE OPERATIONS			

#### TURBINE OPERATIONS

Lubbock, Texas

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

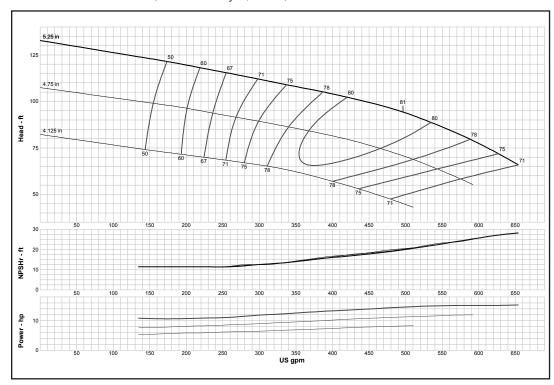


Curve No. E6208REPC1			
Model	8R	JLC	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE			0
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	28	15	
K =	4		
Bowl O. D.		7.	.50 in
Bowl Lateral	0.62		
Max. PSI	425		
Disch size	4", 5", 6"		

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 8RJLO (Effective July 1, 2014)



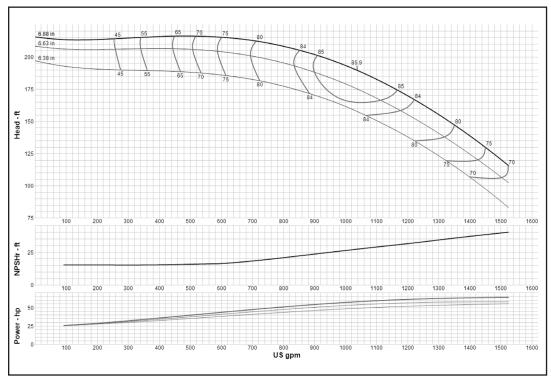
Curve No. E6208RFPC1		
Model	8RJL	LO
RPM	3550	0
EFFICIENCY	CORREC	TION
1-STAGE		0
2-STAGE		0
3-STAGE		0
4-STAGE		0
Impeller	OPE	N
Ns =	262	5
K =	5.3	
Bowl O. D.		7.50 in
Bowl Lateral		0.63
Max. PSI		425
Disch size		4", 5", 6"
TURBINE OPERATIONS		

#### URBINE OPERATION

Lubbock, Texas

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

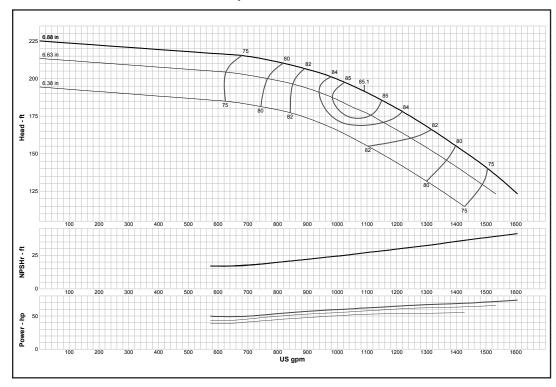


Curve No. E6209CCPC2		
Model	9RCHC	
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-2
2-STAGE		-1
3-STAGE		-0.5
4-STAGE		0
Impeller ENCLOSED		
Ns =	2283	
K =	4.9	
Bowl O. D.		9.25 in
Bowl Lateral		0.88
Max. PSI		400
Disch size	5	", 6", 8"

## TURBINE OPERATIONS

Lubbock, Texas

# MODEL 9RCHO (Effective July 1, 2014)



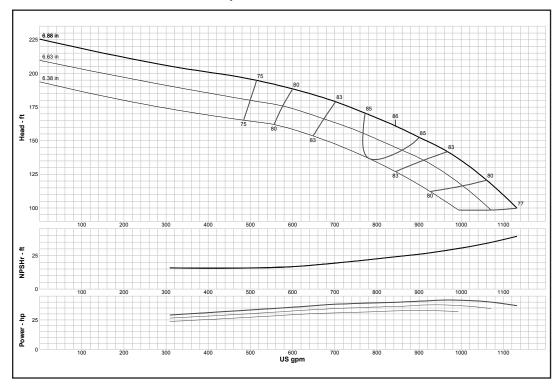
Curve No. E6409CHPC1			
Model	9R	СНО	
RPM	35	50	
EFFICIENCY	CORRI	ECTION	
1-STAGE			-2
2-STAGE			-1
3-STAGE			-0.5
4-STAGE			0
Impeller	OP	EN	
Ns =	23	00	
K =	7		
Bowl O. D.		9.	.25 in
Bowl Lateral		(	0.88
Max. PSI			400
Disch size 5", 6", 8"			
TURBINE OPERATIONS			

#### TURBINE OPERATION

Lubbock, Texas

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

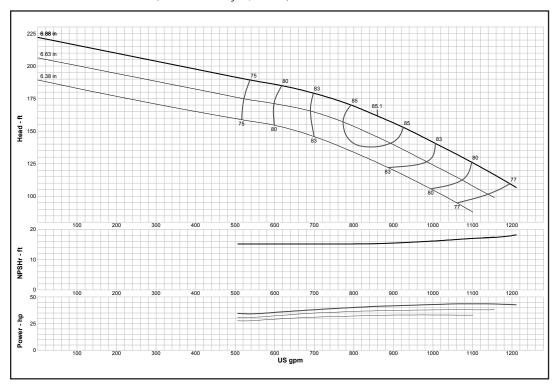


Curve No. E6209CFPC2		
Model	9RCLC	
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-2
2-STAGE		-1
3-STAGE		-0.5
4-STAGE		0
Impeller ENCLOSED		
Ns =	2282	
K =	4.9	
Bowl O. D.	9	2.25 in
Bowl Lateral		0.88
Max. PSI		400
Disch size	5", 6", 8"	
		_

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 9RCLO (Effective July 1, 2014)



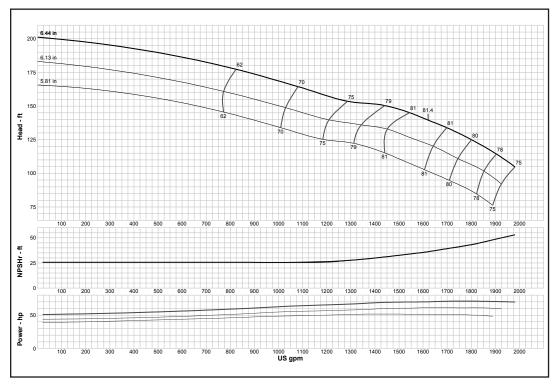
Curve No. E6409CJPC1			
Model	9R	CLO	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-2
2-STAGE			-1
3-STAGE			-0.5
4-STAGE			0
Impeller	OP	EN	
Ns =	22	90	
K =	7		
Bowl O. D.		9.	25 in
Bowl Lateral		(	0.88
Max. PSI			400
Disch size		5",	6", 8"
TURBINE OPERATIONS			3

#### TURBINE OPERATION

Lubbock, Texas

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

# MODEL 9THC (Effective July 1, 2014)

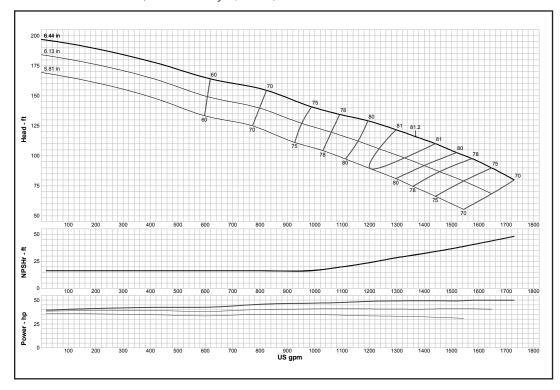


Curve No. E6209TEPC2		
Model	9THC	
RPM	3550	
EFFICIENCY (	CORRECTIO	N
1-STAGE		-2
2-STAGE		-1
3-STAGE		0
4-STAGE	•	0
Impeller	ENCLO	SED
Ns =	3520	
K =	9	
Bowl O. D.		9.25 in
Bowl Lateral		0.75
Max. PSI		530
Disch size		5", 6", 8"

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 9TLC (Effective July 1, 2014)



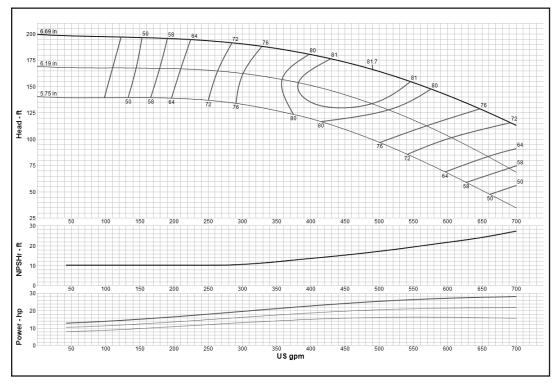
Curve No. E6209TAPC2			
Model	<b>9</b> T	LC	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-2
2-STAGE			-1
3-STAGE			0
4-STAGE			0
Impeller ENCLOSED			ED
Ns =	37	25	
K =	9		
Bowl O. D.		9.	25 in
Bowl Lateral		(	0.75
Max. PSI	Max. PSI 530		
Disch size 5", 6", 8"			
TURBINE OPERATIONS			

#### TURBINE OPERATIONS

Lubbock, Texas

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

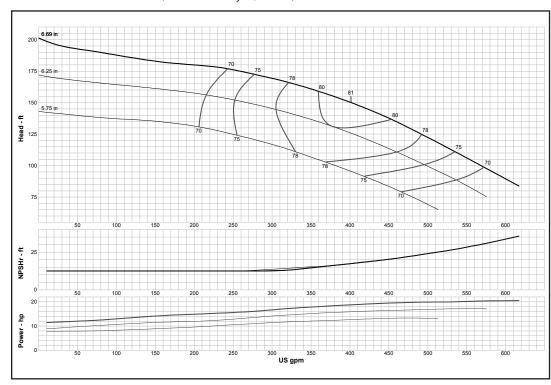


Curve No. E6209WAPCO		
Model	9WAHC	:
RPM	3550	
EFFICIENCY	CORRECTION	1
1-STAGE		-2
2-STAGE		-1
3-STAGE		0
4-STAGE		0
Impeller	ENCLOS	SED
Ns =	1600	
K =	3.75	
Bowl O. D.	9	2.25 in
Bowl Lateral		0.56
Max. PSI		530
Disch size	5	", 6", 8"
		_

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 9WALC (Effective July 1, 2014)



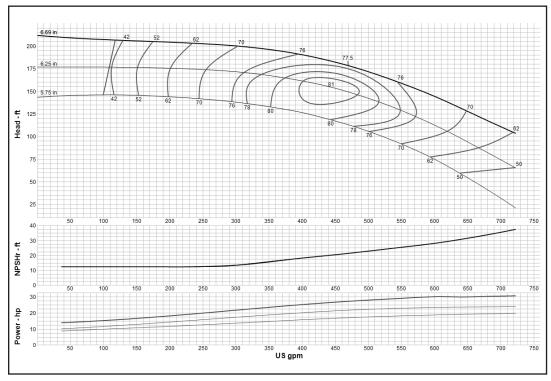
Curve No. E6209WBPCO		
Model	9WALC	
RPM	3550	
EFFICIENCY	CORRECTION	l
1-STAGE		-2
2-STAGE		-1
3-STAGE		0
4-STAGE		0
Impeller	ENCLOS	ED
Ns =	1660	
K =	3.75	
Bowl O. D.	9	.25 in
Bowl Lateral		0.56
Max. PSI		530
Disch size	5′	", 6", 8"
TURBINE OPERATIONS		

#### TURBINE OPERATION

Lubbock, Texas

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

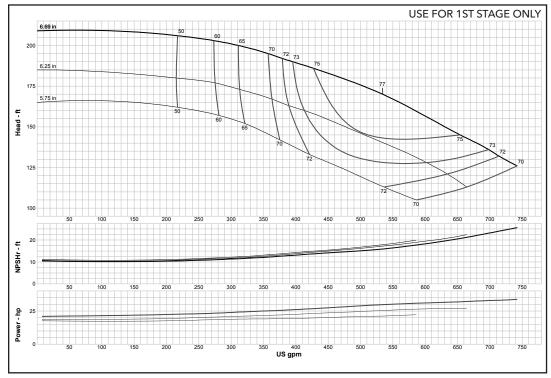


Curve No. E6210RAPC1			
Model	10F	RAHC	:
RPM	355	0	
EFFICIENCY	CORRE	CTION	
1-STAGE			-4
2-STAGE			-2
3-STAGE			-1
4-STAGE			0
Impeller ENCLOSED			
Ns =	155	50	
K =	3.7	5	
Bowl O. D.		9.	.50 in
Bowl Lateral		(	0.38
Max. PSI			450
Disch size		4",	, 6", 8"

#### **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 10RAHXC (Effective July 1, 2014)



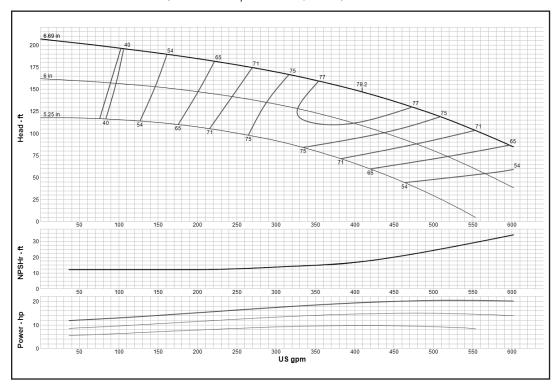
Curve No. E6210ABPC2		
Model	10RAH	XC
RPM	3550	
EFFICIENCY	CORRECTIO	N
1-STAGE		0
2-STAGE		0
3-STAGE		0
4-STAGE		0
Impeller ENCLOSED		
Ns =	1747	
K =	5.5	
Bowl O. D.		9.50 in
Bowl Lateral		0.37
Max. PSI		450
Disch size	4	4", 6", 8"
TURBINE OPERATIONS		

#### TURBINE OPERATIONS

Lubbock, Texas

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

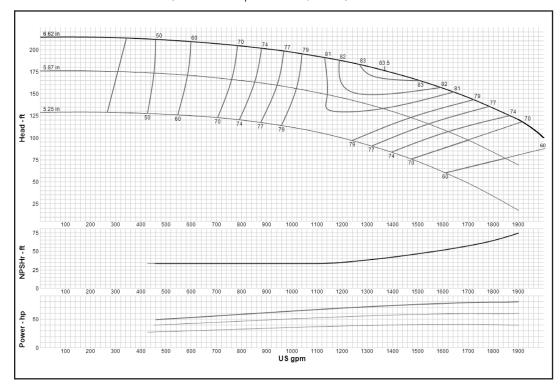


Curve No. E6210RBPC1		
Model	10RA	LC
RPM	3550	)
EFFICIENCY	CORRECT	ION
1-STAGE		-4
2-STAGE		-2
3-STAGE		-1
4-STAGE		0
Impeller	ENCL	OSED.
Ns =	1625	
K =	3.75	
Bowl O. D.		9.50 in
Bowl Lateral		0.38
Max. PSI		450
Disch size		4", 6", 8"
TUDDINE C	DEDATI	ONG

#### TURBINE OPERATIONS

Lubbock, Texas

# MODEL 10RJHC (Effective September 1, 2017)



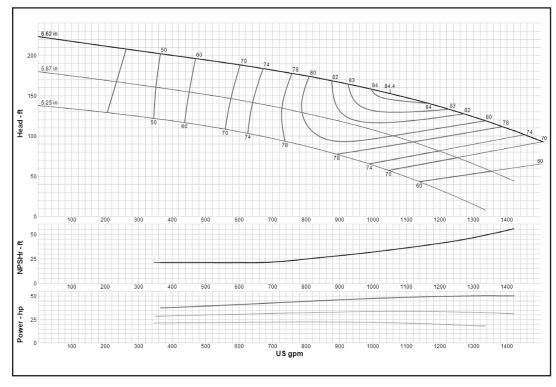
Curve No. E6410RCPC1			
Model	Model 10RJHC		
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE	0		
4-STAGE	4-STAGE 0		
Impeller ENCLOSED			ED
Ns = <b>2760</b>			
K = <b>7</b>			
Bowl O. D.		9.	50 in
Bowl Lateral 0.75			
Max. PSI 430			
Disch size 6", 8"			
TURBINE OPERATIONS			

#### TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 10RJLC (Effective September 1, 2017)

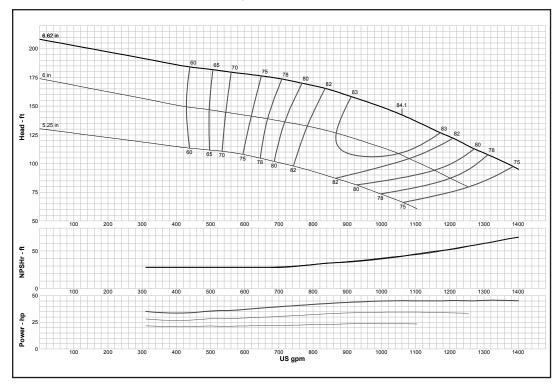


Curve No. E6210REPC1			
Model	10	RJLC	
RPM	35	50	
EFFICIENCY (	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE			0
4-STAGE			0
Impeller ENCLOSED			
Ns =	27	60	
K =	7		
Bowl O. D.		9.	50 in
Bowl Lateral		(	0.75
Max. PSI			430
Disch size	6", 8"		
1			

# TURBINE OPERATIONS

Lubbock, Texas

# MODEL 10RJLO (Effective July 1, 2014)



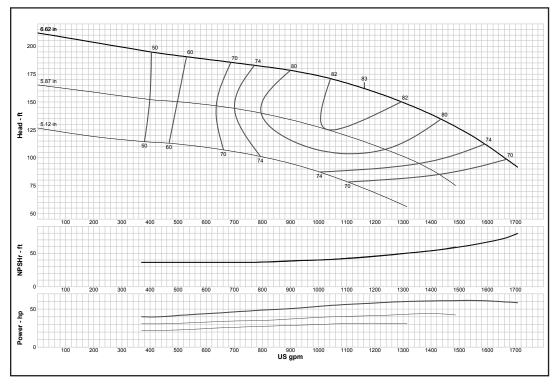
Curve No. E6210RFPC1			
Model	10	RJLO	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE			0
4-STAGE			0
Impeller	OP	EN	
Ns =	27	60	
K =	9.5	5	
Bowl O. D.		9.	50 in
Bowl Lateral		(	0.75
Max. PSI			430
Disch size 6", 8"			
TUDDING ODEDATIONS			

# TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 10RJMC (Effective July 1, 2014)

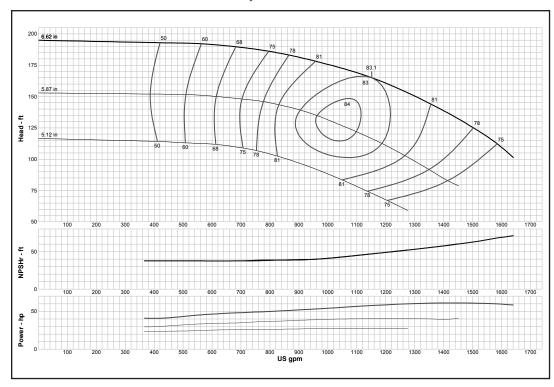


Curve No. E6210RGPC1			
Model	10	RJMC	
RPM	35	50	
EFFICIENCY (	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE			0
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	26	10	
K =	7		
Bowl O. D.		9.	50 in
Bowl Lateral		(	).75
Max. PSI			430
Disch size	6", 8"		

# TURBINE OPERATIONS

Lubbock, Texas

## MODEL 10RJMO (Effective July 1, 2014)



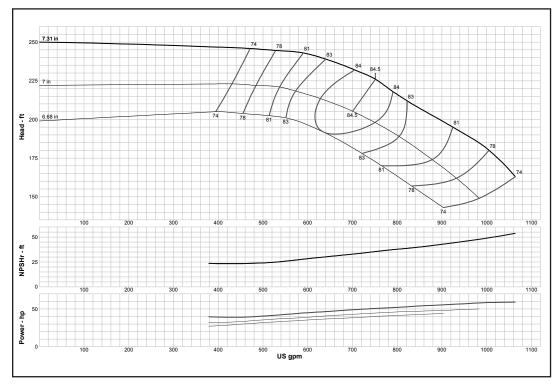
Curve No. E6210RHPC1			
Model	10RJM	0	
RPM	3550		
EFFICIENCY	CORRECTIO	N	
1-STAGE		0	
2-STAGE		0	
3-STAGE		0	
4-STAGE		0	
Impeller	OPEN		
Ns =	2565		
K =	9.5		
Bowl O. D.		9.50 in	
Bowl Lateral		0.75	
Max. PSI		430	
Disch size	size 6", 8"		

# TURBINE OPERATIONS

Lubbock, Texas

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

# MODEL 10WAHC (Effective July 1, 2014)

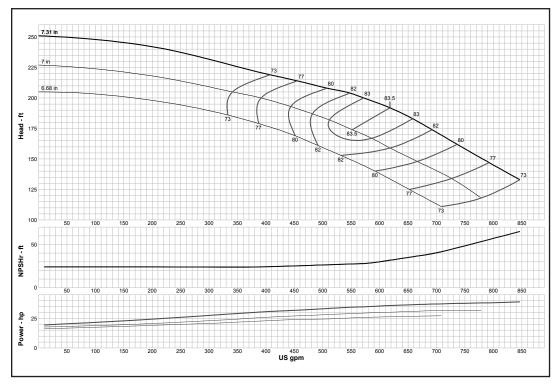


Curve No. E6210WAPC1			
Model	10WAHC		
RPM	3550		
EFFICIENCY (	CORRECTION		
1-STAGE		-3	
2-STAGE		-2	
3-STAGE	-1		
4-STAGE		0	
Impeller ENCLOSED			
Ns = <b>1695</b>			
K =	4.65		
Bowl O. D.	9	.50 in	
Bowl Lateral		0.63	
Max. PSI		375	
Disch size 4", 6", 8"			
i			

## TURBINE OPERATIONS

Lubbock, Texas

# MODEL 10WALC (Effective July 1, 2014)



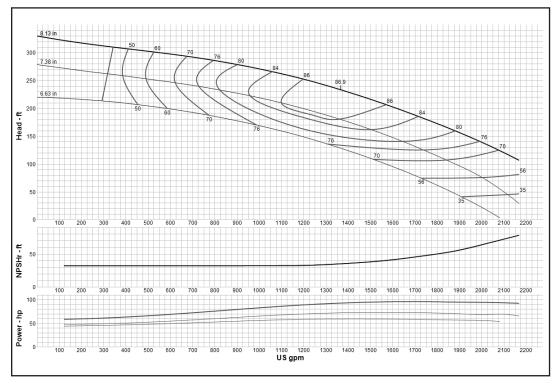
Curve No. E6210WBPC2			
Model	10WAL	.C	
RPM	3550		
EFFICIENCY (	CORRECTIO	N	
1-STAGE		-3	
2-STAGE		-2	
3-STAGE		-1	
4-STAGE		0	
Impeller	<b>ENCLO</b>	SED	
Ns =	1700		
K =	4.6		
Bowl O. D.		9.50 in	
Bowl Lateral		0.63	
Max. PSI		375	
Disch size	4	4", 6", 8"	

# 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 11CLC (Effective September 1, 2017)



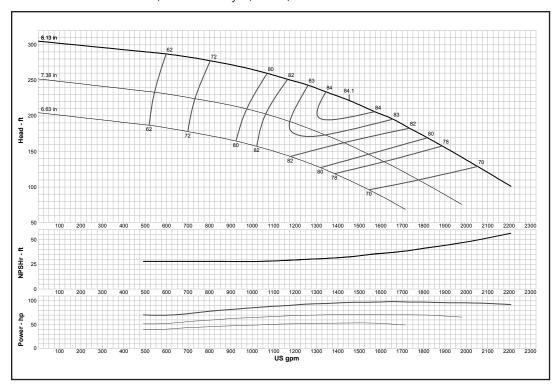
Curve No. E6211CFPC1			
Model	11	CLC	
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-1.5
2-STAGE			-1
3-STAGE			-0.5
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	22	30	
K =	7		
Bowl O. D.		11	.00 in
Bowl Lateral		(	0.75
Max. PSI			380
Disch size		6",	8", 10"
TUDDINE C		ATIONI	

#### **TURBINE OPERATIONS** Lubbock, Texas

BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER. RATED POINT ONLY IS GUARANTEED. CURVES REPRESENT SINGLE STAGE PERFORMANCE BASED ON TEST OF MULTI-STAGE BOWL ASSEMBLY.

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)



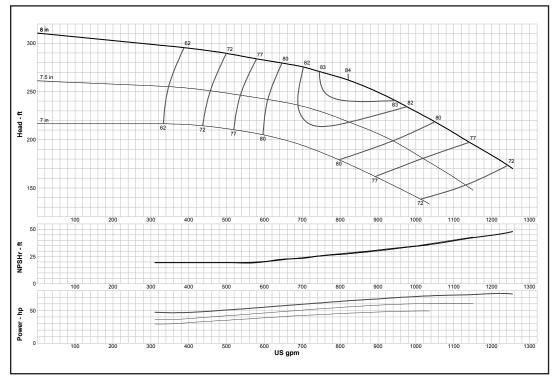
Curve No. E6411CJPCO			
Model	11CLO		
RPM	3550		
EFFICIENCY	CORRECTION		
1-STAGE		-1.5	
2-STAGE		-1	
3-STAGE		-0.5	
4-STAGE		0	
Impeller OPEN			
Ns =	2230		
K =	9.1		
Bowl O. D.	11	1.00 in	
Bowl Lateral		0.88	
Max. PSI 380			
Disch size 6", 8", 10"			
TURRING ORERATIONS			

#### **TURBINE OPERATIONS** Lubbock, Texas

LESSER STAGES.

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

# MODEL 11RAHC (Effective July 1, 2014)

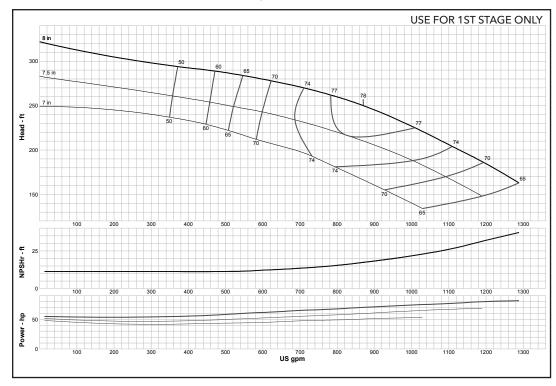


Curve No. E6211RAPC1		
11	RAHC	•
35	50	
CORR	ECTION	
		-5
		-3
		-1
		0
EN	CLOS	ED
15	60	
5.3	3	
	11	.60 in
	(	0.38
		400
ch size 6", 8", 10"		
	11 35 CORR	11RAHC 3550 CORRECTION ENCLOS 1560 5.3

# TURBINE OPERATIONS

Lubbock, Texas

# MODEL 11RAHXC (Effective July 1, 2014)

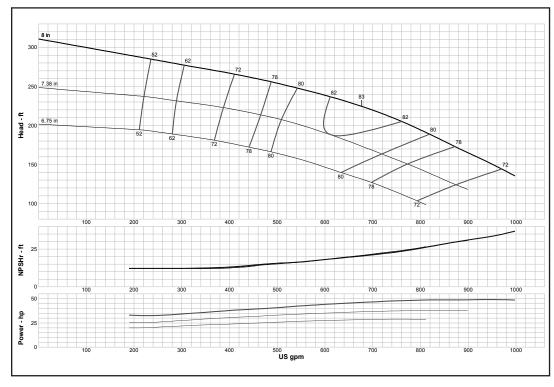


Curve No. E6211ABPC2			
Model	el 11RAHXC		
RPM	355	50	
EFFICIENCY	CORRE	CTION	
1-STAGE		0	
2-STAGE		0	
3-STAGE		0	
4-STAGE		0	
Impeller	ENG	CLOSED	
Ns =	166	53	
K =	7.9		
Bowl O. D.		11.60 in	
Bowl Lateral		0.37	
Max. PSI		400	
Disch size	6", 8", 10"		

#### **TURBINE OPERATIONS** Lubbock, Texas

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

# MODEL 11RALC (Effective July 1, 2014)

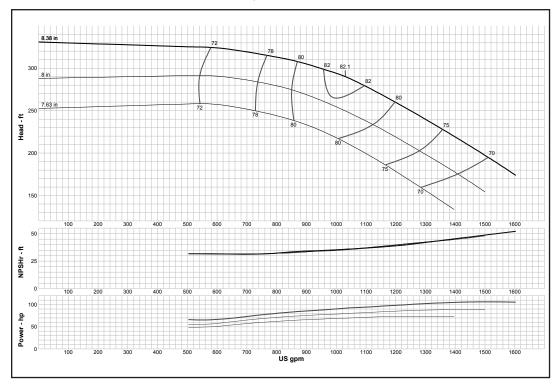


Curve No. E6211RBPC1			
Model	11RA	LC	
RPM	3550		
EFFICIENCY (	CORRECT	ION	
1-STAGE		-5	
2-STAGE		-3	
3-STAGE		-1	
4-STAGE		0	
Impeller ENCLOSED			
Ns =	1585		
K =	5.3		
Bowl O. D.		11.60 in	
Bowl Lateral		0.38	
Max. PSI	400		
Disch size	Disch size 6", 8", 10"		
1			

# TURBINE OPERATIONS

Lubbock, Texas

# MODEL 11WAHC (Effective July 1, 2014)



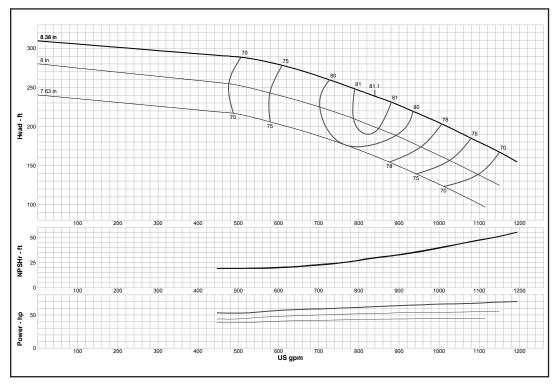
Curve No. E6211WAPCO			
Model	11	WAH	С
RPM	35	50	
EFFICIENCY (	CORRI	CTION	
1-STAGE			-3
2-STAGE			-2
3-STAGE			-1
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	17	50	
K =	6		
Bowl O. D.		11.00 in	
Bowl Lateral		0.75	
Max. PSI		380	
Disch size		5″,	. 6", 8"
TURRINE OPERATIONS			

## TURBINE OPERATIONS

Lubbock, Texas

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

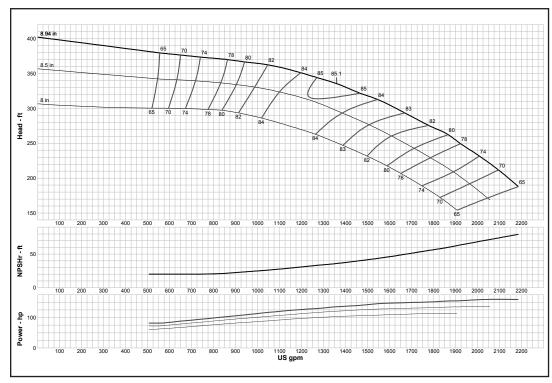


Curve No. E6211WBPCO			
Model	11	WALC	:
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-3
2-STAGE			-2
3-STAGE			-1
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	16	50	
K =	6		
Bowl O. D.		11.00 in	
Bowl Lateral		0.75	
Max. PSI		380	
Disch size		5", 6", 8"	

# TURBINE OPERATIONS

Lubbock, Texas

# MODEL 12WAHC (Effective July 1, 2014)



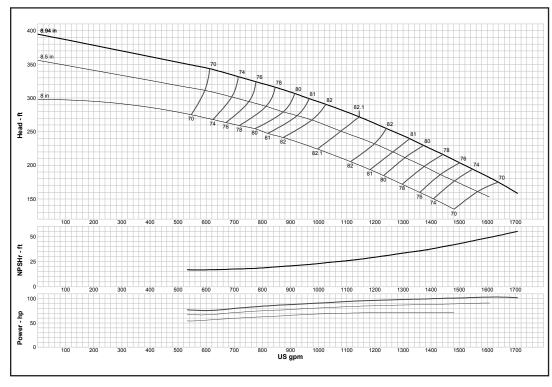
Curve No. E60412WAPCO			
Model	12	WAH	С
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-3
2-STAGE			-2
3-STAGE			-1
4-STAGE			-0.5
Impeller	EN	CLOS	ED
Ns =	16	60	
K =	7		
Bowl O. D.		11.60 in	
Bowl Lateral		0.75	
Max. PSI		390	
Disch size	6", 8", 10"		

# **TURBINE OPERATIONS**

Lubbock, Texas

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

# MODEL 12WALC (Effective July 1, 2014)

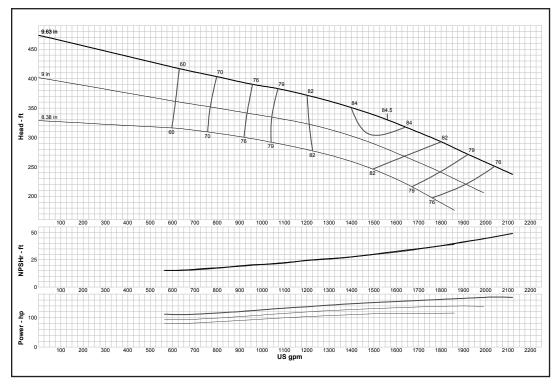


Curve No. E60412WBPCO			
Model	12	WALC	:
RPM	35	50	
EFFICIENCY	CORR	ECTION	
1-STAGE			-3
2-STAGE			-2
3-STAGE			-1
4-STAGE			-0.5
Impeller	EN	CLOS	ED
Ns =	17	25	
K =	7		
Bowl O. D.		11.60 in	
Bowl Lateral		0.75	
Max. PSI		390	
Disch size		6", 8", 10"	
TURRING ORERATIONS			

## **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 13RAHC (Effective July 1, 2014)



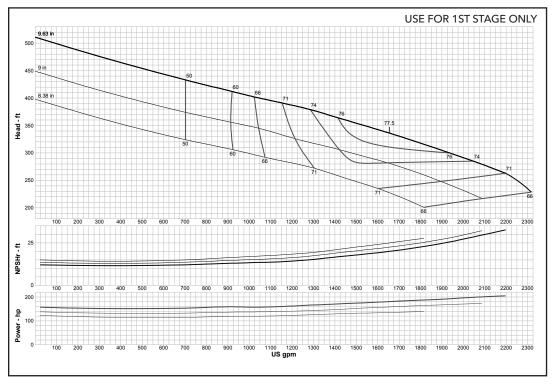
Curve No. E6213RAPC1		
Model	13RAHC	
RPM	3550	
EFFICIENCY	CORRECTION	
1-STAGE	-5	
2-STAGE	-2	
3-STAGE	-1	
4-STAGE	0	
Impeller	<b>ENCLOSED</b>	
Ns =	1760	
K =	7.9	
Bowl O. D.	13.38 in	
Bowl Lateral	0.5	
Max. PSI	430	
Disch size	8", 10", 12"	
TUDDINE C	DEDATIONS	

# **TURBINE OPERATIONS**

Lubbock, Texas

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

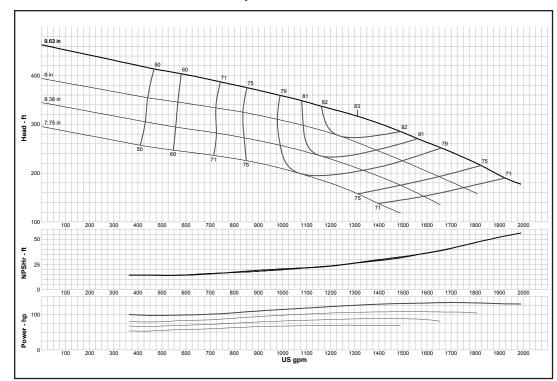


Curve No. E6213ABPC2			
Model	13	RAHX	C
RPM	35	50	
EFFICIENCY (	CORR	ECTION	
1-STAGE			0
2-STAGE			0
3-STAGE			0
4-STAGE			0
Impeller	EN	CLOS	ED
Ns =	18	43	
K =	10		
Bowl O. D.		13.38 in	
Bowl Lateral		0.5	
Max. PSI		430	
Disch size	8", 10", 12"		

# **TURBINE OPERATIONS**

Lubbock, Texas

# MODEL 13RALC (Effective July 1, 2014)



Curve No. E6213RBPC1			
Model	13RALC	•	
RPM	3550		
EFFICIENCY	CORRECTION	l	
1-STAGE		-5	
2-STAGE		-2	
3-STAGE		-1	
4-STAGE		0	
Impeller	<b>ENCLOS</b>	ED	
Ns =	1690		
K =	7.9		
Bowl O. D.	1;	13.38 in	
Bowl Lateral		0.5	
Max. PSI		430	
Disch size	8″,	8", 10", 12"	
		_	

## TURBINE OPERATIONS

Lubbock, Texas

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



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