

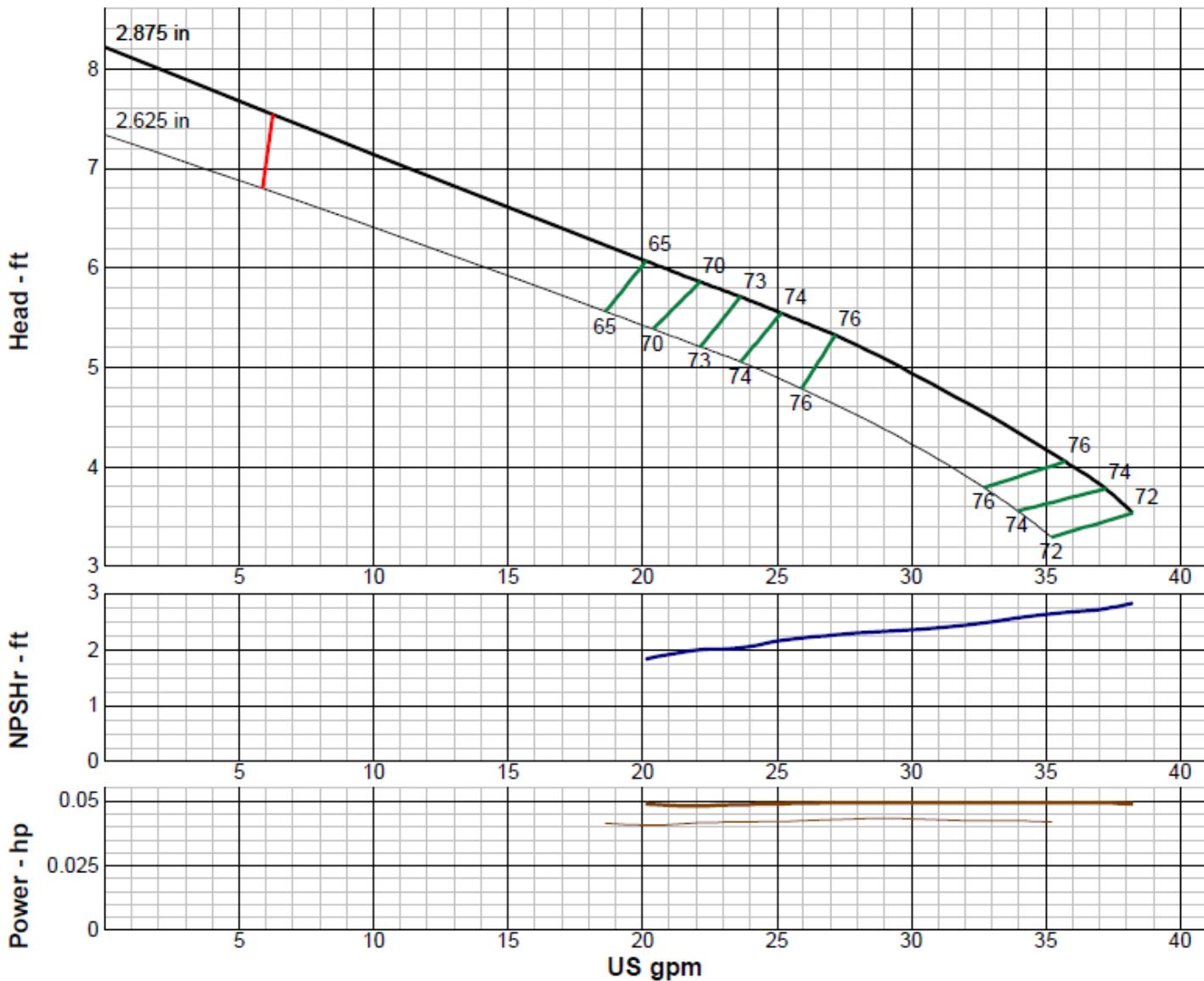
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W4MCR

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	0424
TYPE	ENCLOSED
THRUST FACTOR	K=1.30
EYE AREA	2.40 SQ. IN.
WEIGHT	1.00 LB.

Minimum submergence above eye of bottom impeller: 7 IN.

## FLANGED BOWL DATA

BOWL NUMBER	0423
BOWL MAX. DIAMETER	3.625 IN.
BOWL MIN. DIAMETER	3.625 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	35 LB.
ADD STAGE WEIGHT	10 LB.
STD. SHAFT DIA.	0.625
STD. LATERAL	0.188 IN.
DISCHARGE SIZE	2.5 IN.
DISCHARGE CONNECTION	THD.
SUCTION SIZE	2.5 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	1500 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	10	20	
CHANGE AS FOLLOWS:	-2	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-4
BOWL MATERIAL:	-1	-1	-1	-8

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

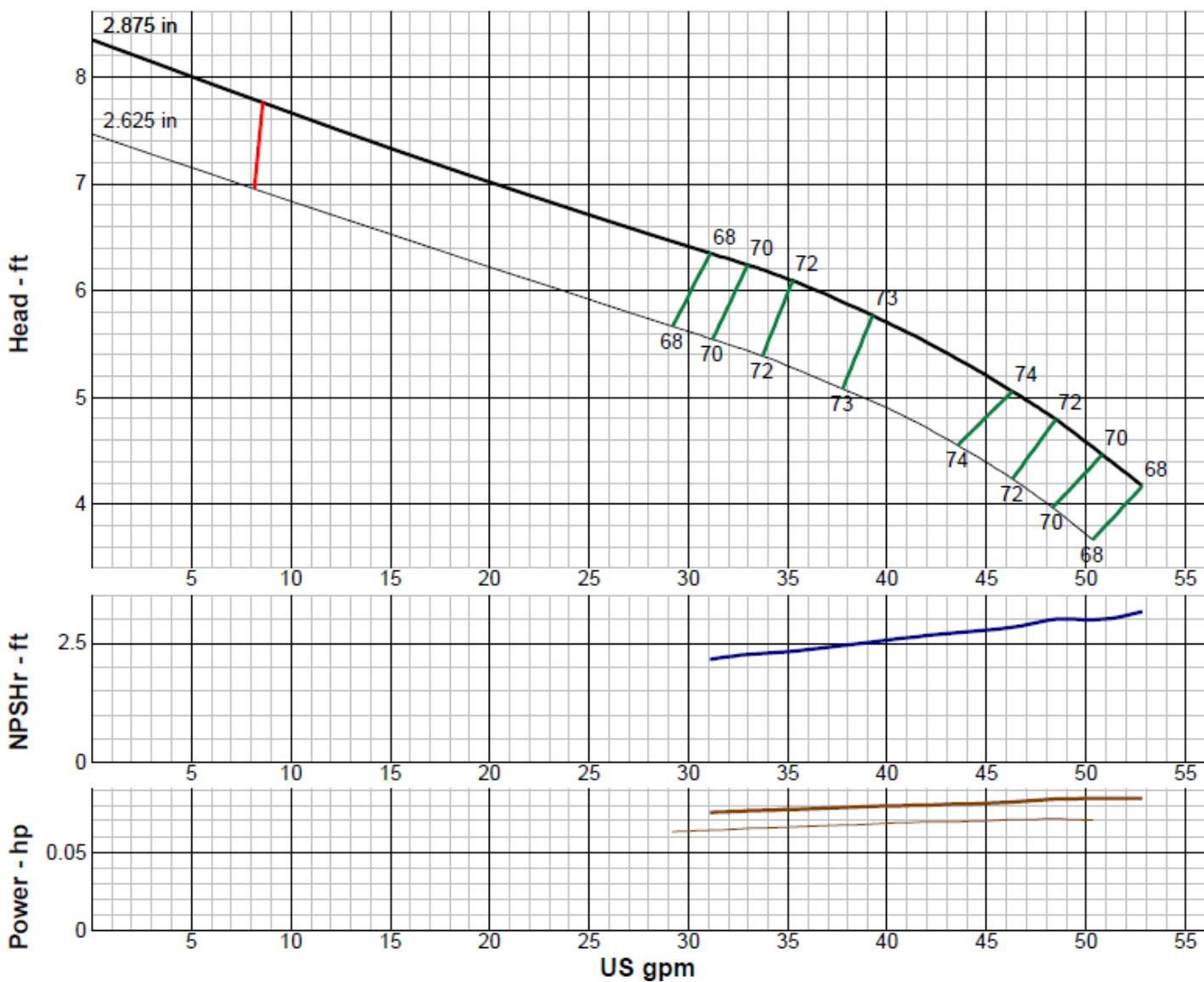
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W4HCR

1750 RPM



IMPELLER DATA	
IMPELLER NUMBER	0425
TYPE	ENCLOSED
THRUST FACTOR	K=1.30
EYE AREA	2.40 SQ. IN.
WEIGHT	1.00 LB.

Minimum submergence above eye of bottom impeller: 7 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0423
BOWL MAX. DIAMETER	3.625 IN.
BOWL MIN. DIAMETER	3.625 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	35 LB.
ADD STAGE WEIGHT	10 LB.
STD. SHAFT DIA.	0.625
STD. LATERAL	0.188 IN.
DISCHARGE SIZE	2.5 IN.
DISCHARGE CONNECTION	THD.
SUCTION SIZE	2.5 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	1500 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	5	8	10	20	
CHANGE AS FOLLOWS:	-2	-1	0	+1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

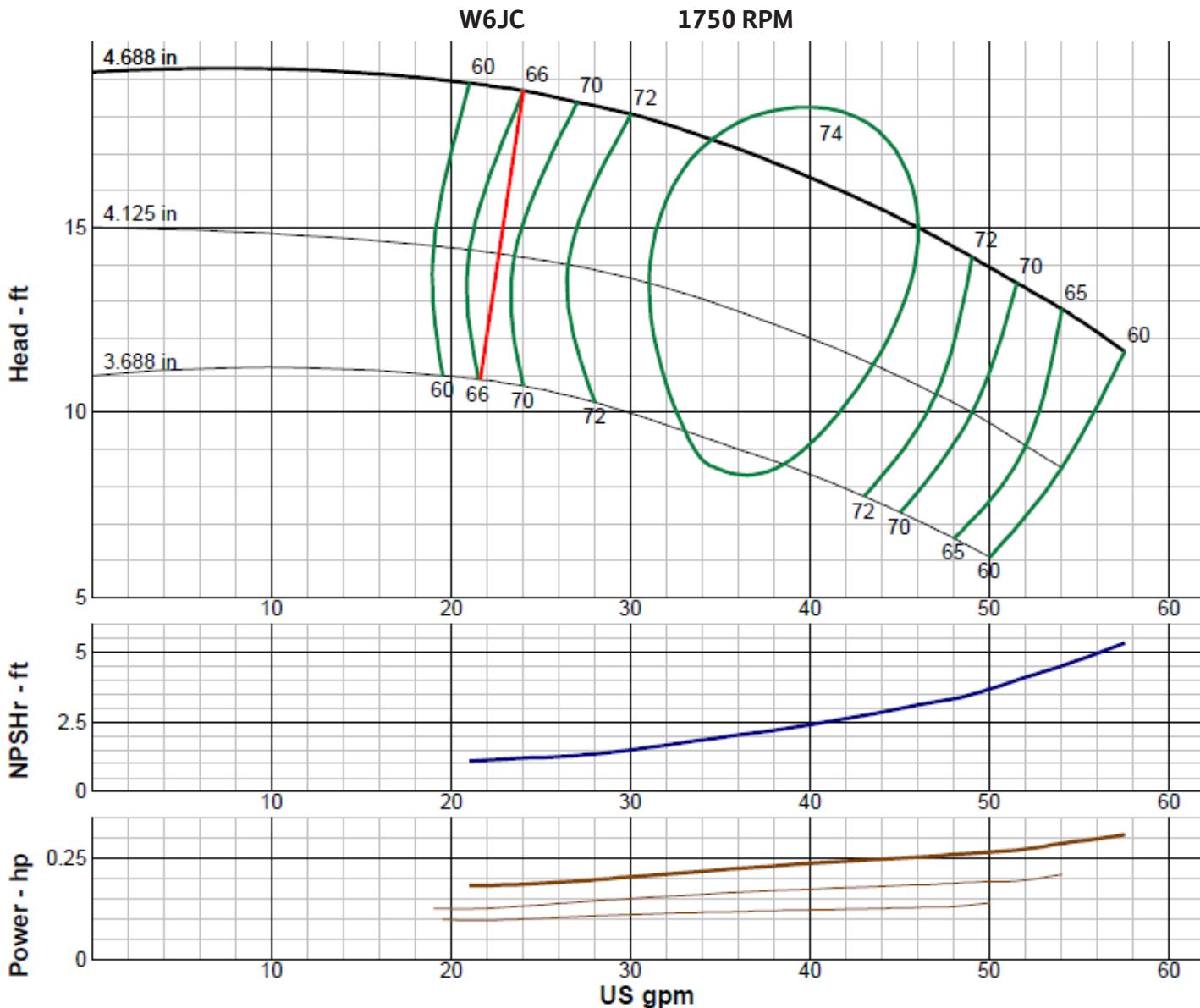
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-4
BOWL MATERIAL:	-1	-1	-1	-8

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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## IMPELLER DATA

IMPELLER NUMBER	6404
TYPE	ENCLOSED
THRUST FACTOR	K=1.56
EYE AREA	2.41 SQ. IN.
WEIGHT	1.80 LB.

Minimum submergence above eye of bottom impeller: 10 IN.

## FLANGED BOWL DATA

BOWL NUMBER	6515
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	55
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	0.625
STD. LATERAL	0.375
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

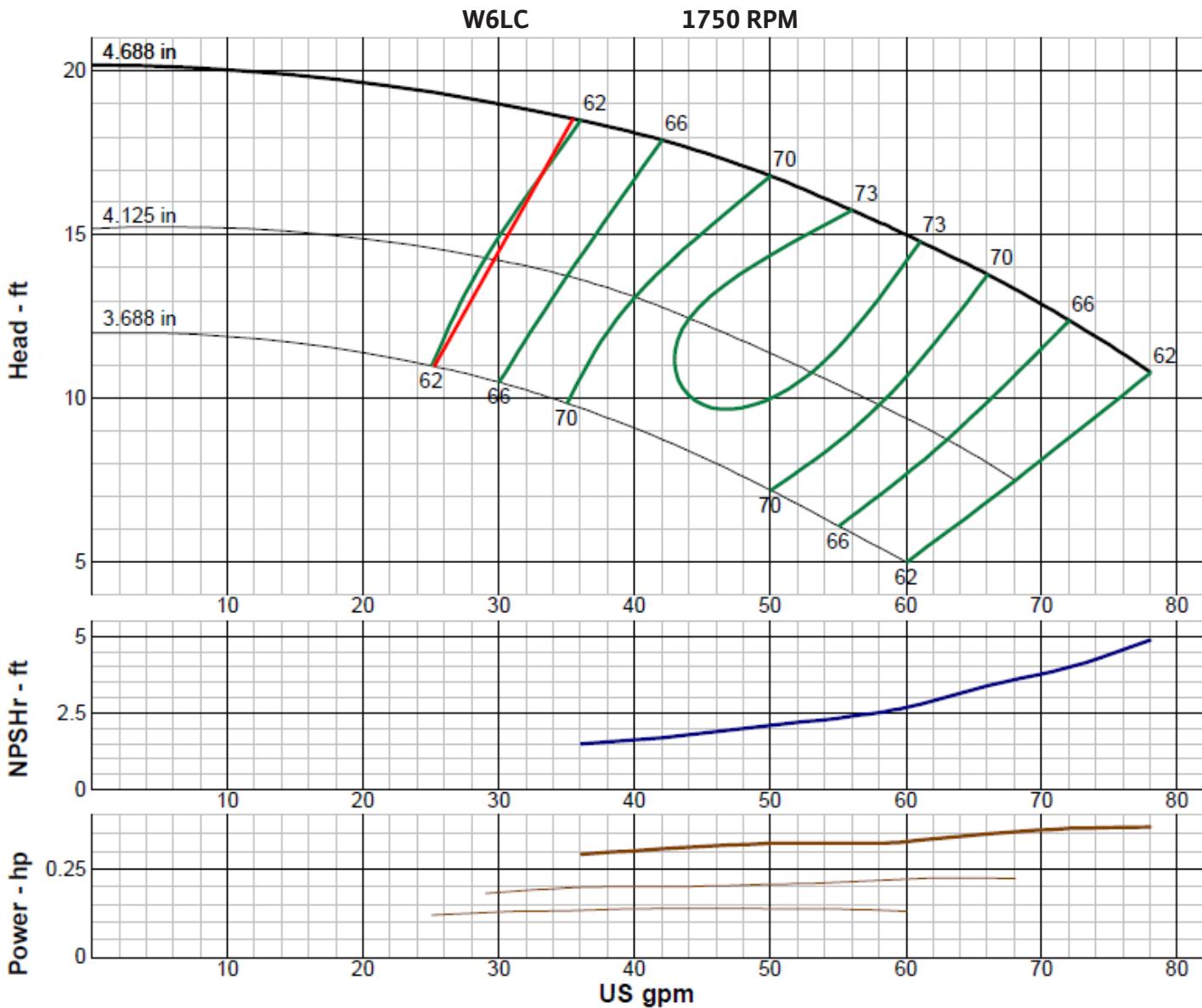
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	6505
TYPE	ENCLOSED
THRUST FACTOR	K=1.56
EYE AREA	2.41 SQ. IN.
WEIGHT	2.25 LB.

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

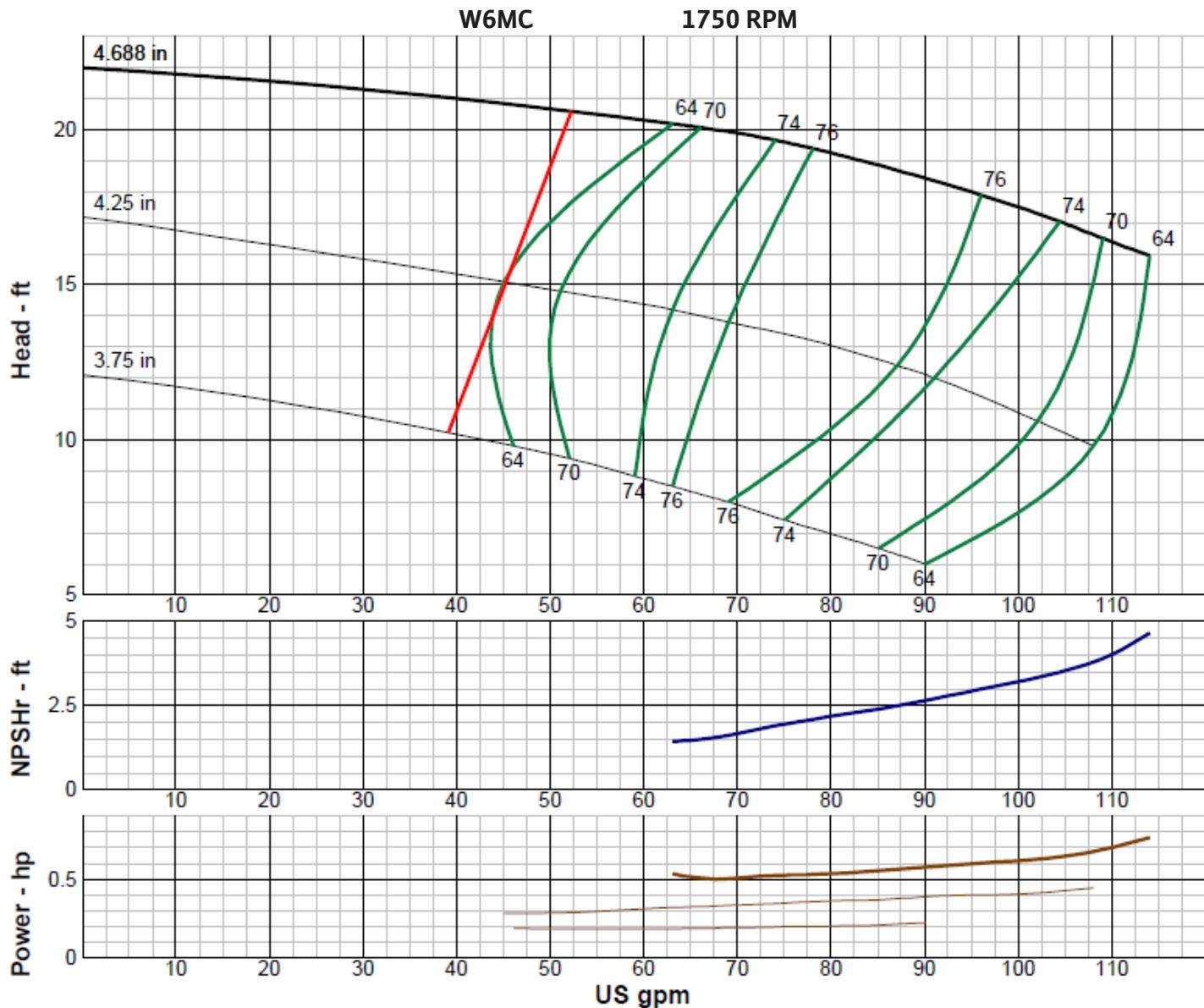
FLANGED BOWL DATA	
BOWL NUMBER	6515
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	55
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	0.625
STD. LATERAL	0.375
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	6707
TYPE	ENCLOSED
THRUST FACTOR	K=2.24
EYE AREA	3.20 SQ. IN.
WEIGHT	2.15 LB.

Minimum submergence above eye of bottom impeller: 12 IN.

FLANGED BOWL DATA	
BOWL NUMBER	6616
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.438
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.188 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

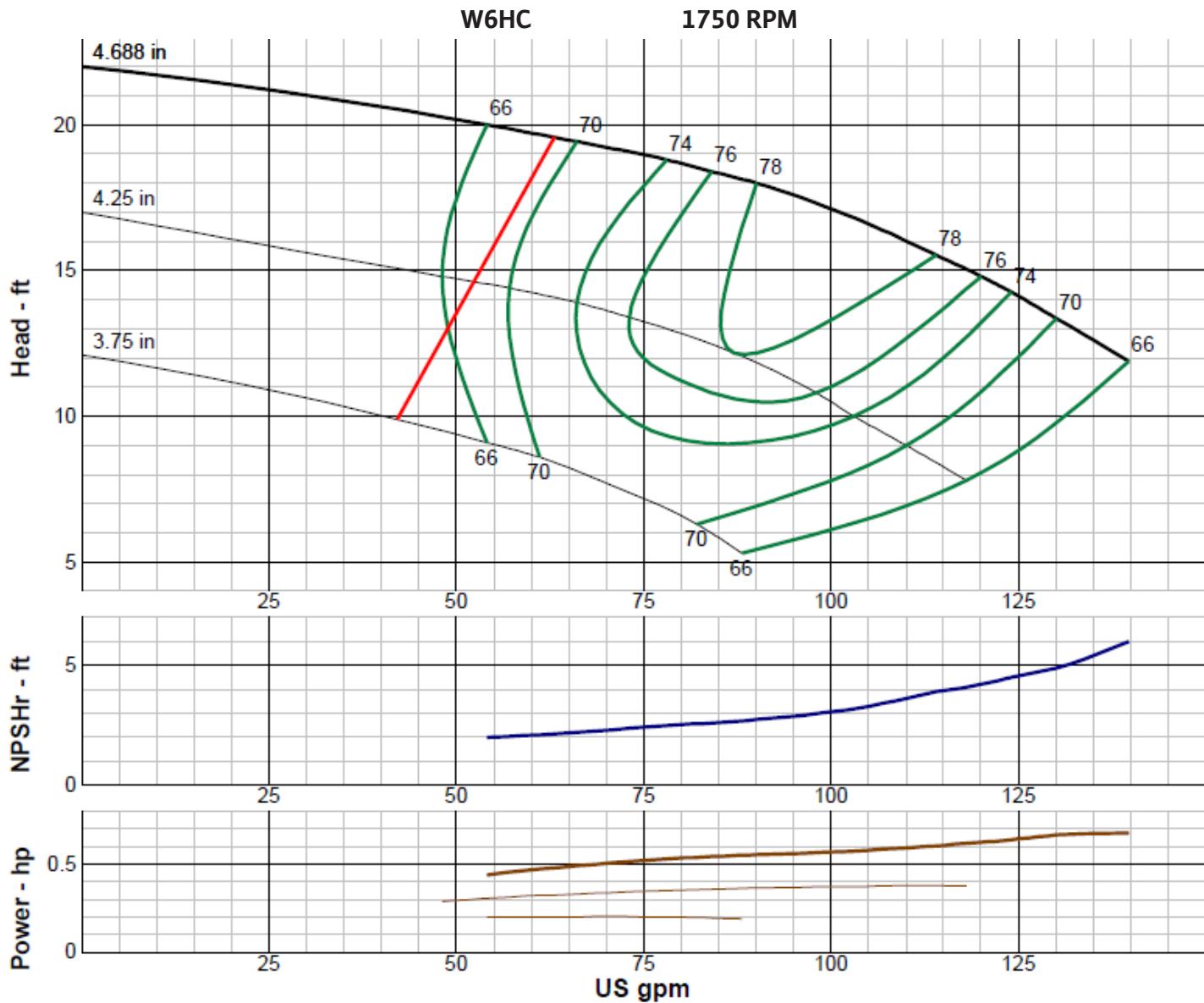
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	6706
TYPE	ENCLOSED
THRUST FACTOR	K=2.24
EYE AREA	3.65 SQ. IN.
WEIGHT	2.38 LB.

Minimum submergence above eye of bottom impeller: 12 IN.

FLANGED BOWL DATA	
BOWL NUMBER	6616
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.375
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.188 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

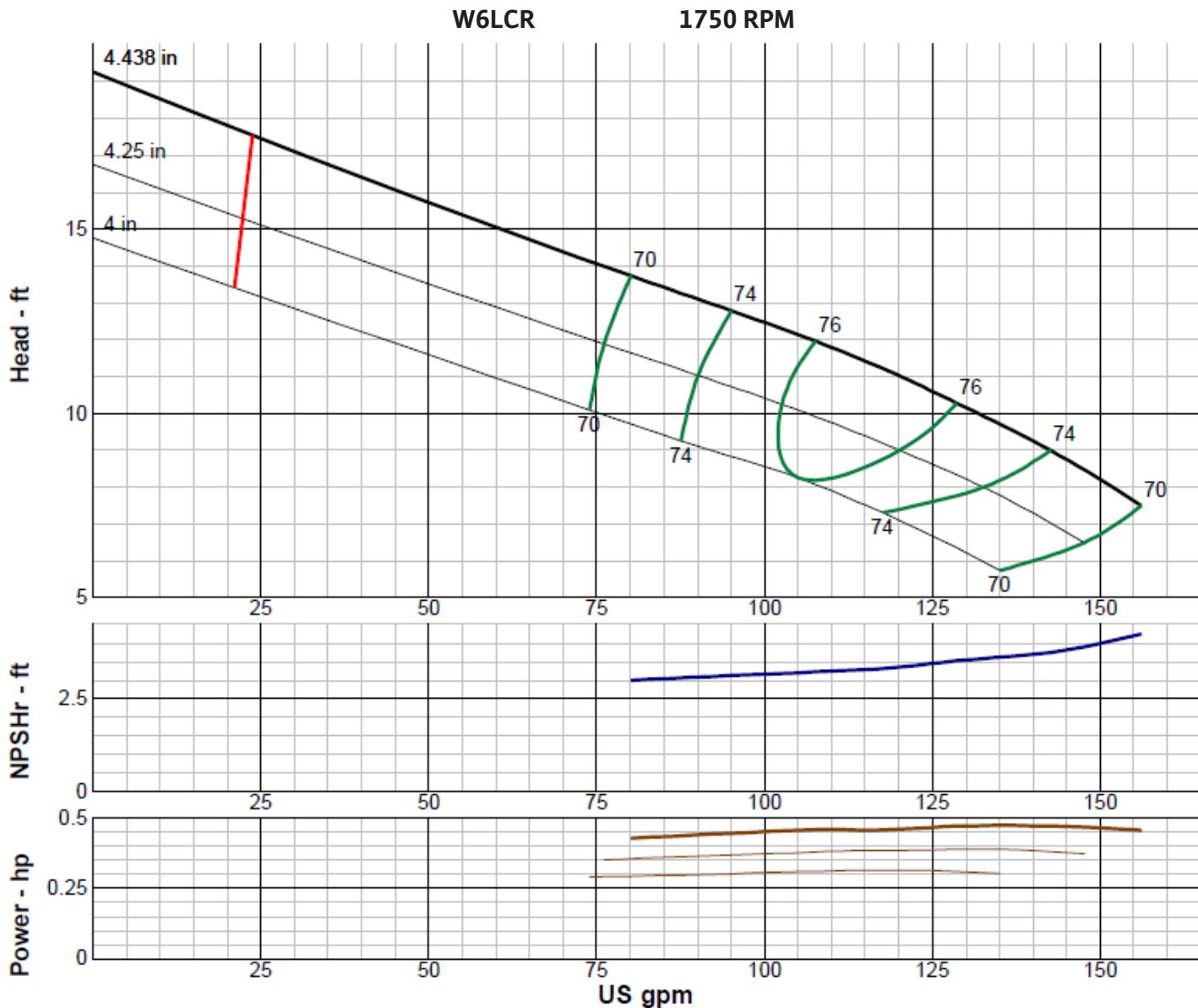
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0325
TYPE	ENCLOSED
THRUST FACTOR	K=2.40
EYE AREA	5.67 SQ. IN.
WEIGHT	6.00 LB.

Minimum submergence above eye of bottom impeller: 13 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0386
BOWL MAX. DIAMETER	5.500 IN.
BOWL MIN. DIAMETER	5.500 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	40 LB.
ADD STAGE WEIGHT	22 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.313
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	1000 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	7	12
CHANGE AS FOLLOWS:	-5	-2	+1	+1.5
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

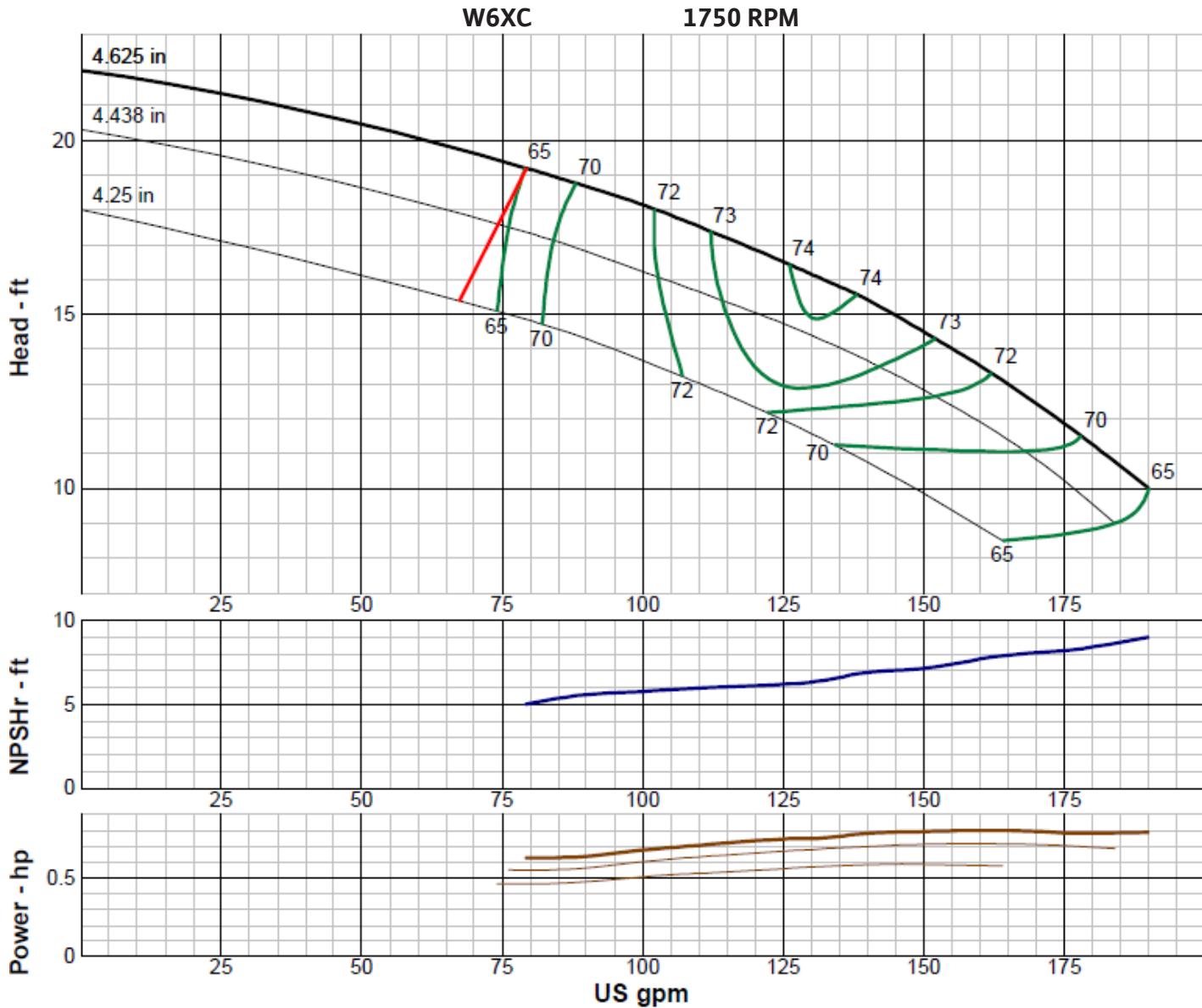
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	6909
TYPE	ENCLOSED
THRUST FACTOR	K=2.83
EYE AREA	4.01 SQ. IN.
WEIGHT	2.15 LB.

FLANGED BOWL DATA	
BOWL NUMBER	6919
BOWL MAX. DIAMETER	5.813 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.625
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.188 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

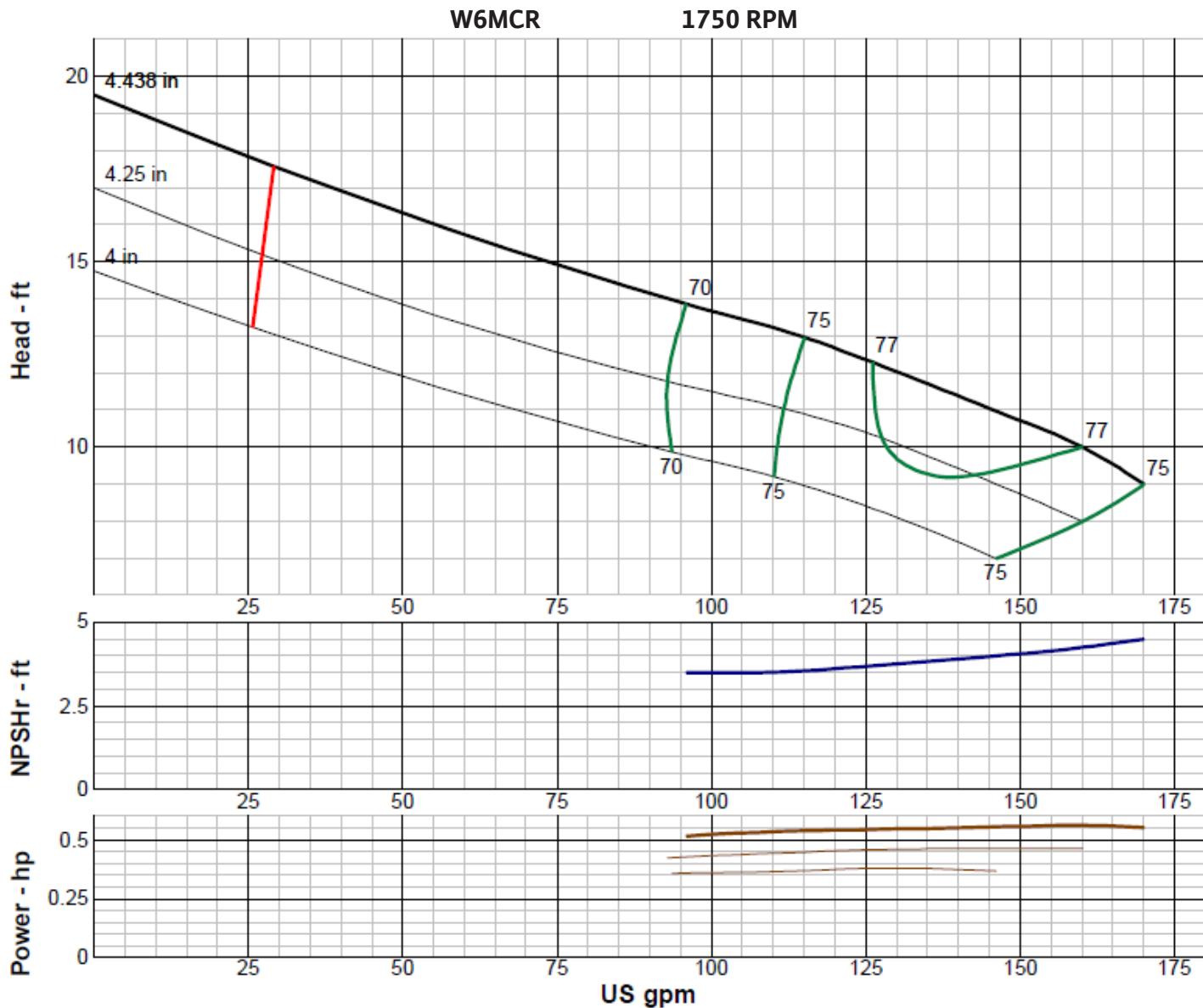
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0326
TYPE	ENCLOSED
THRUST FACTOR	K=2.40
EYE AREA	5.67 SQ. IN.
WEIGHT	6.00 LB.

Minimum submergence above eye of bottom impeller: 13 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0386
BOWL MAX. DIAMETER	5.500 IN.
BOWL MIN. DIAMETER	5.500 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	40 LB.
ADD STAGE WEIGHT	22 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.313
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	1000 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	7	12
CHANGE AS FOLLOWS:	-5	-2	+1	+1.5
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

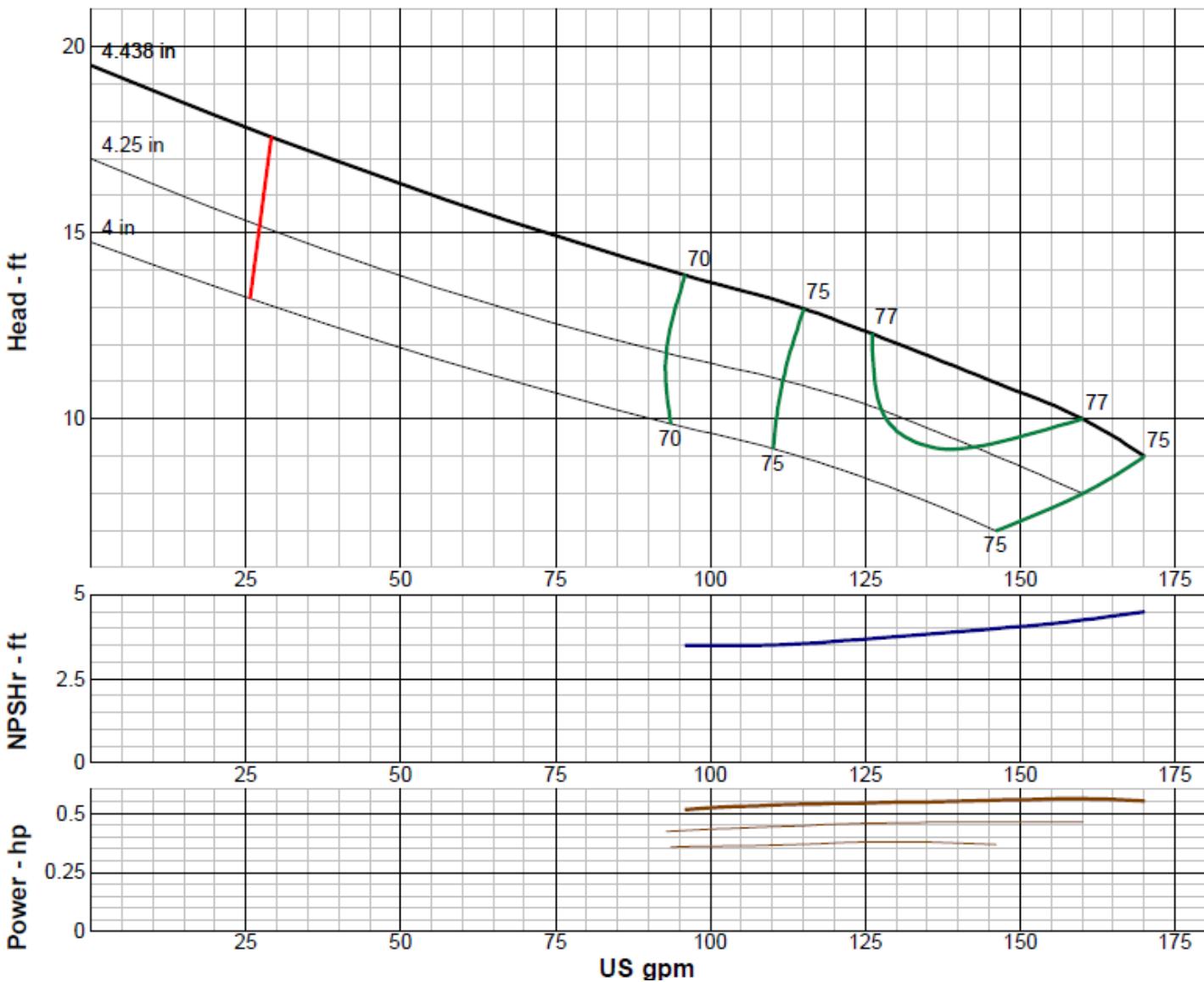
## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®

**W6HCR**

**1750 RPM**



IMPELLER DATA		
IMPELLER NUMBER	0326	
TYPE	ENCLOSED	
THRUST FACTOR	K=2.40	
EYE AREA	5.67 SQ. IN.	Minimum submergence above eye of bottom impeller: 13 IN.
WEIGHT	6.00 LB.	

FLANGED BOWL DATA	
BOWL NUMBER	0386
BOWL MAX. DIAMETER	5.500 IN.
BOWL MIN. DIAMETER	5.500 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	40 LB.
ADD STAGE WEIGHT	22 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.313
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	1000 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	7	12	
CHANGE AS FOLLOWS:	-5	-2	+1	+1.5	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

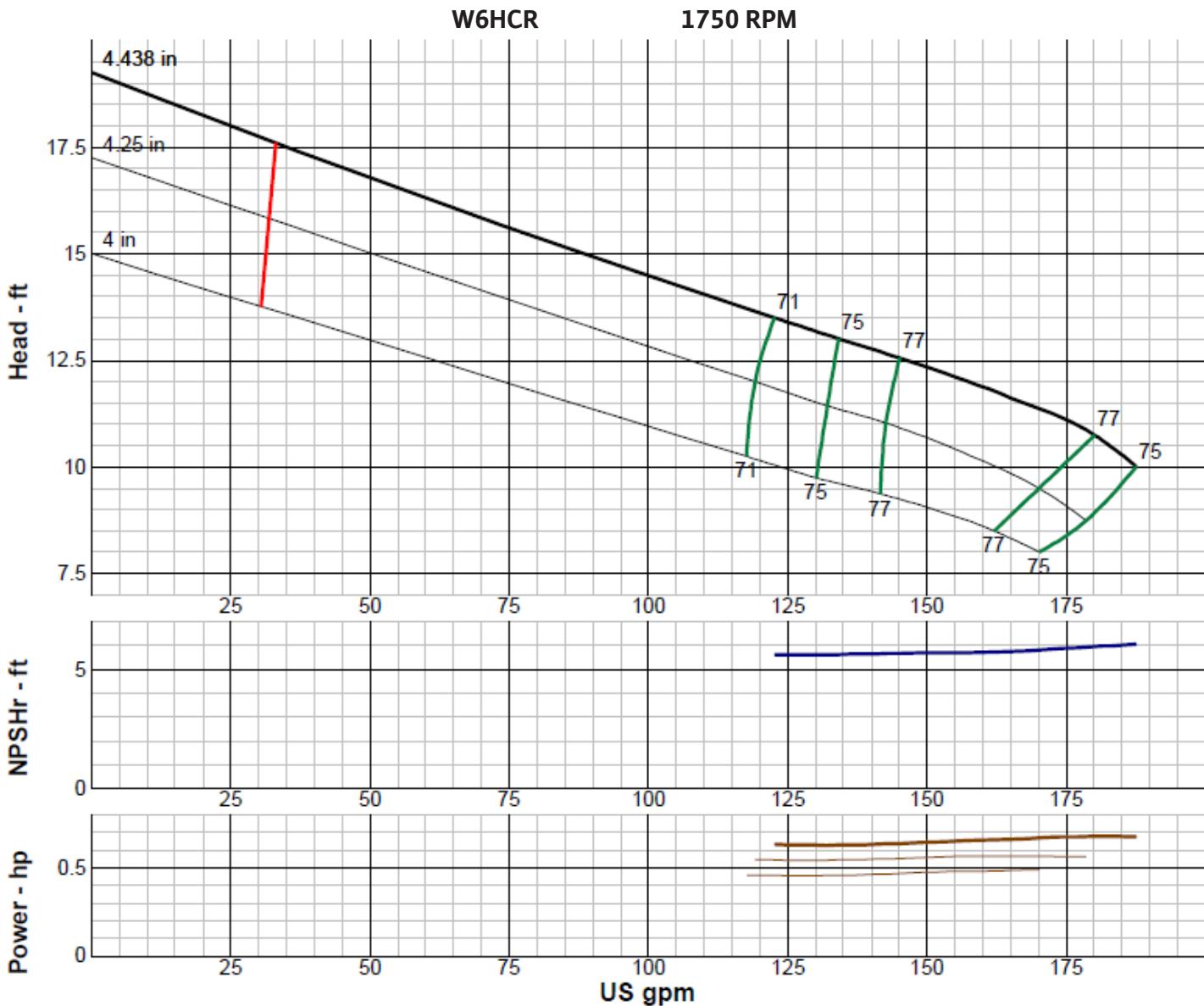
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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## IMPELLER DATA

IMPELLER NUMBER	0327
TYPE	ENCLOSED
THRUST FACTOR	K=2.40
EYE AREA	5.67 SQ. IN.
WEIGHT	6.00 LB.

Minimum submergence above eye of bottom impeller: 13 IN.

## FLANGED BOWL DATA

BOWL NUMBER	0386
BOWL MAX. DIAMETER	5.500 IN.
BOWL MIN. DIAMETER	5.500 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	40 LB.
ADD STAGE WEIGHT	22 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.313
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.125 IN
MAX. OPERATIONAL P.S.I.	1000 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-2	+1	+1.5	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

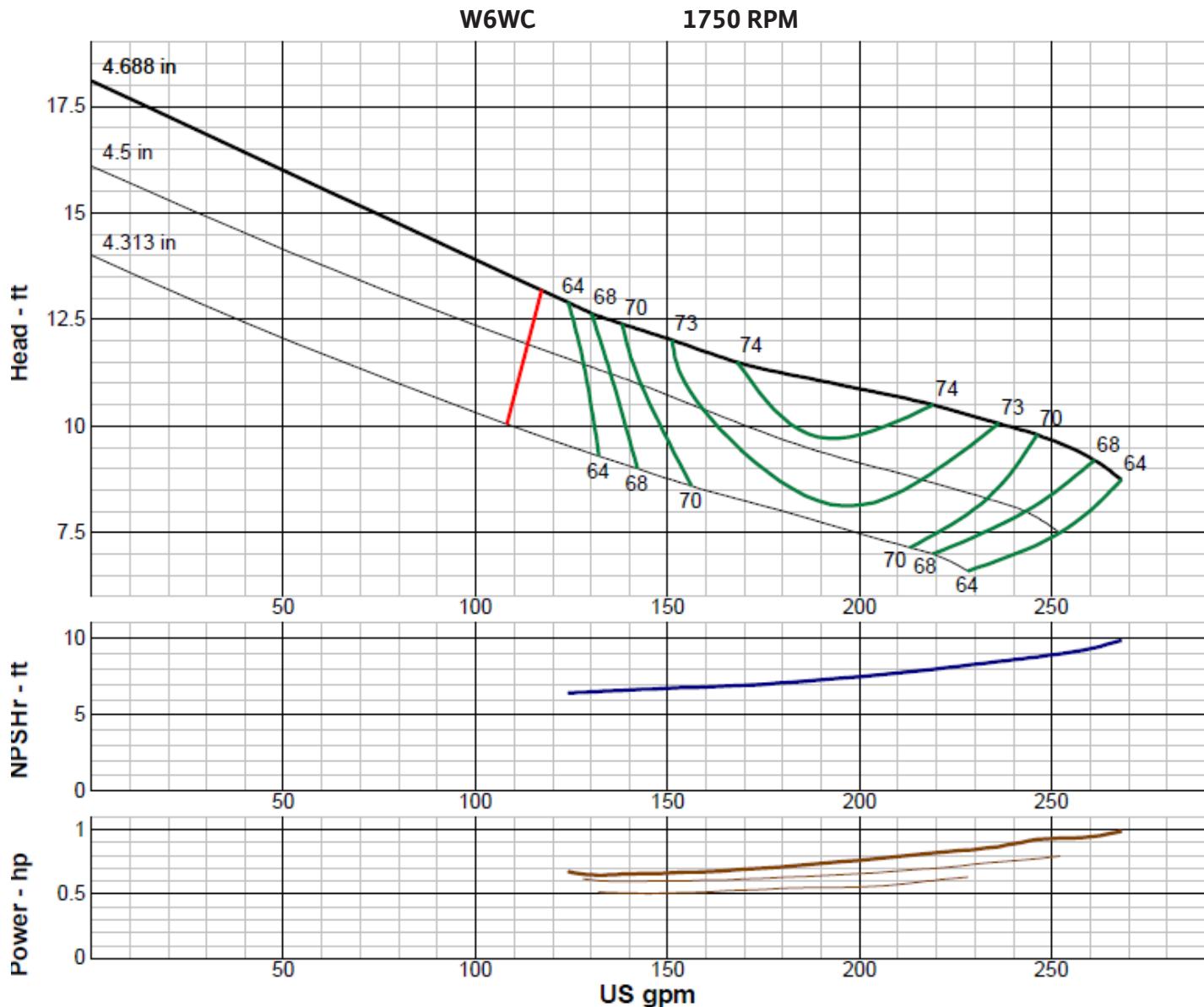
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	6808
TYPE	ENCLOSED
THRUST FACTOR	K=4.13
EYE AREA	4.13 SQ. IN.
WEIGHT	2.65 LB.

Minimum submergence above eye of bottom impeller: 20 IN.

FLANGED BOWL DATA	
BOWL NUMBER	6818
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	43
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.438
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

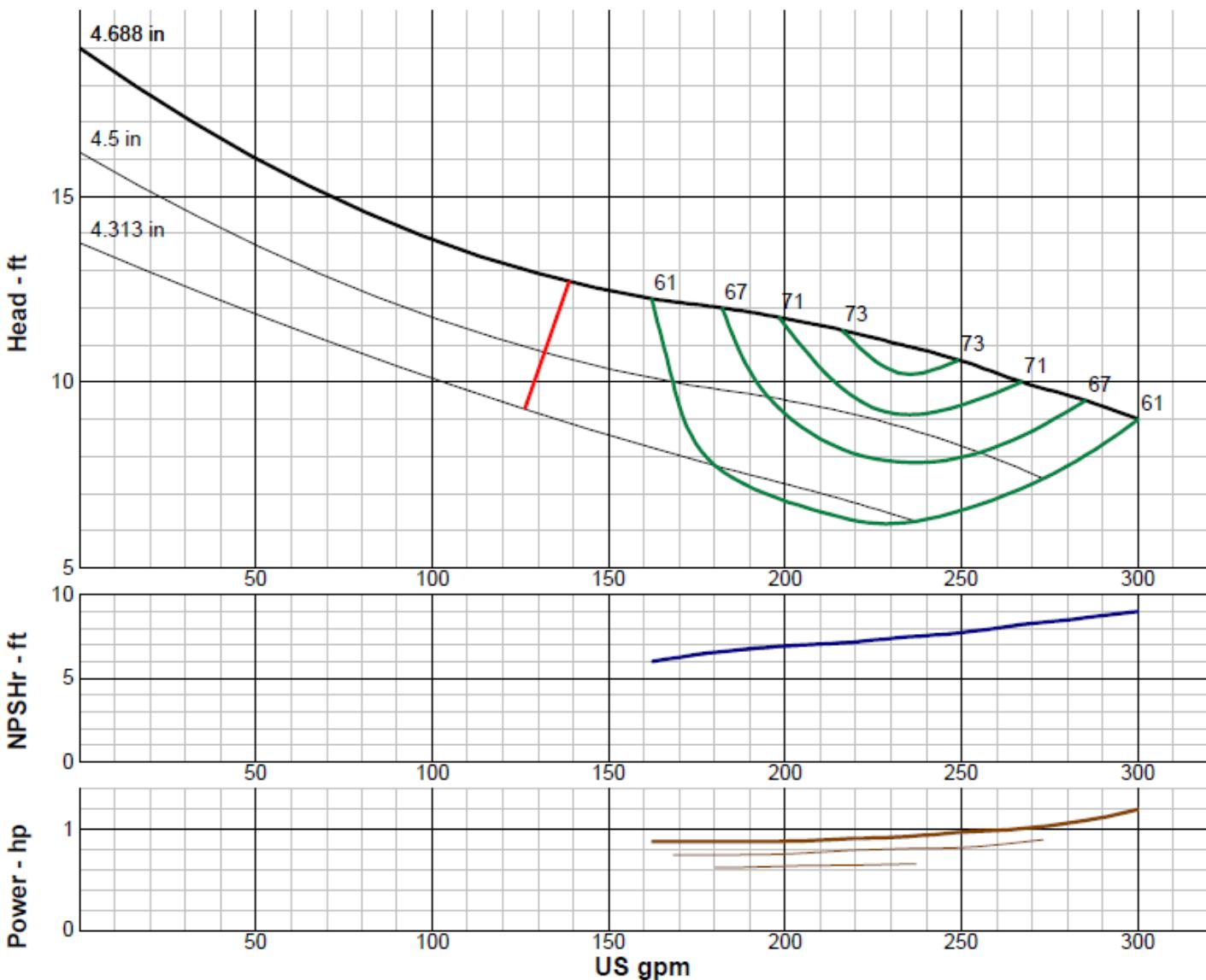
## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®

W6YC

**1750 RPM**



IMPELLER DATA	
IMPELLER NUMBER	6414
TYPE	ENCLOSED
THRUST FACTOR	K=4.10
EYE AREA	7.51 SQ. IN.
WEIGHT	2.35 LB.

FLANGED BOWL DATA	
BOWL NUMBER	6818
BOWL MAX. DIAMETER	5.875 IN.
BOWL MIN. DIAMETER	5.563 IN.
MAX. NO. STAGES	46
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.250
DISCHARGE SIZE	4 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	4 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

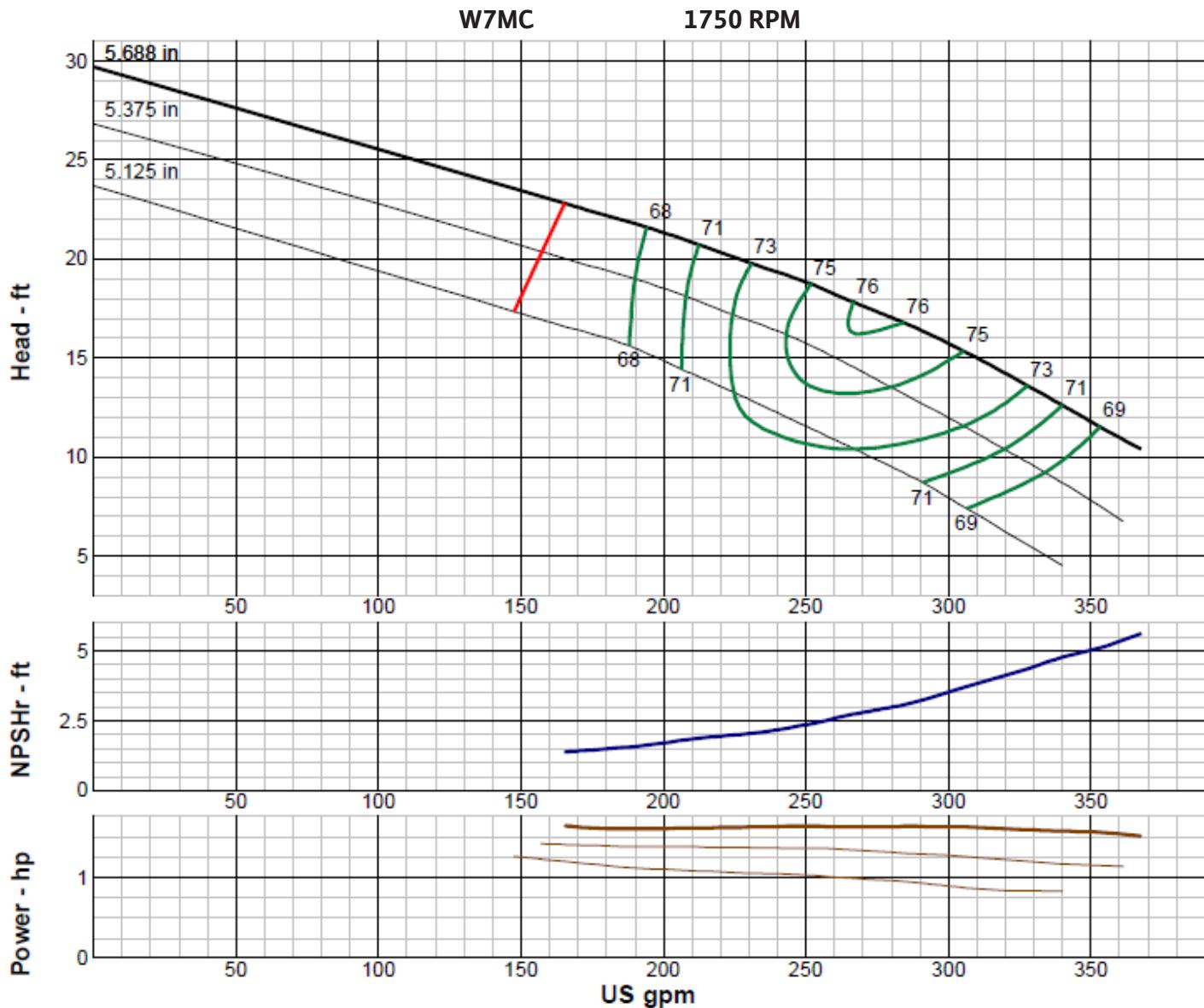
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-1	-1	-1	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	7647
TYPE	ENCLOSED
THRUST FACTOR	K=4.5
EYE AREA	11.3 SQ. IN.
WEIGHT	5.00 LB.

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-2	-2	-2	-6

FLANGED BOWL DATA	
BOWL NUMBER	6947
BOWL MAX. DIAMETER	7.313 IN.
BOWL MIN. DIAMETER	7.125 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	102 LB.
ADD STAGE WEIGHT	37 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.625
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	695 (SPECIAL)

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

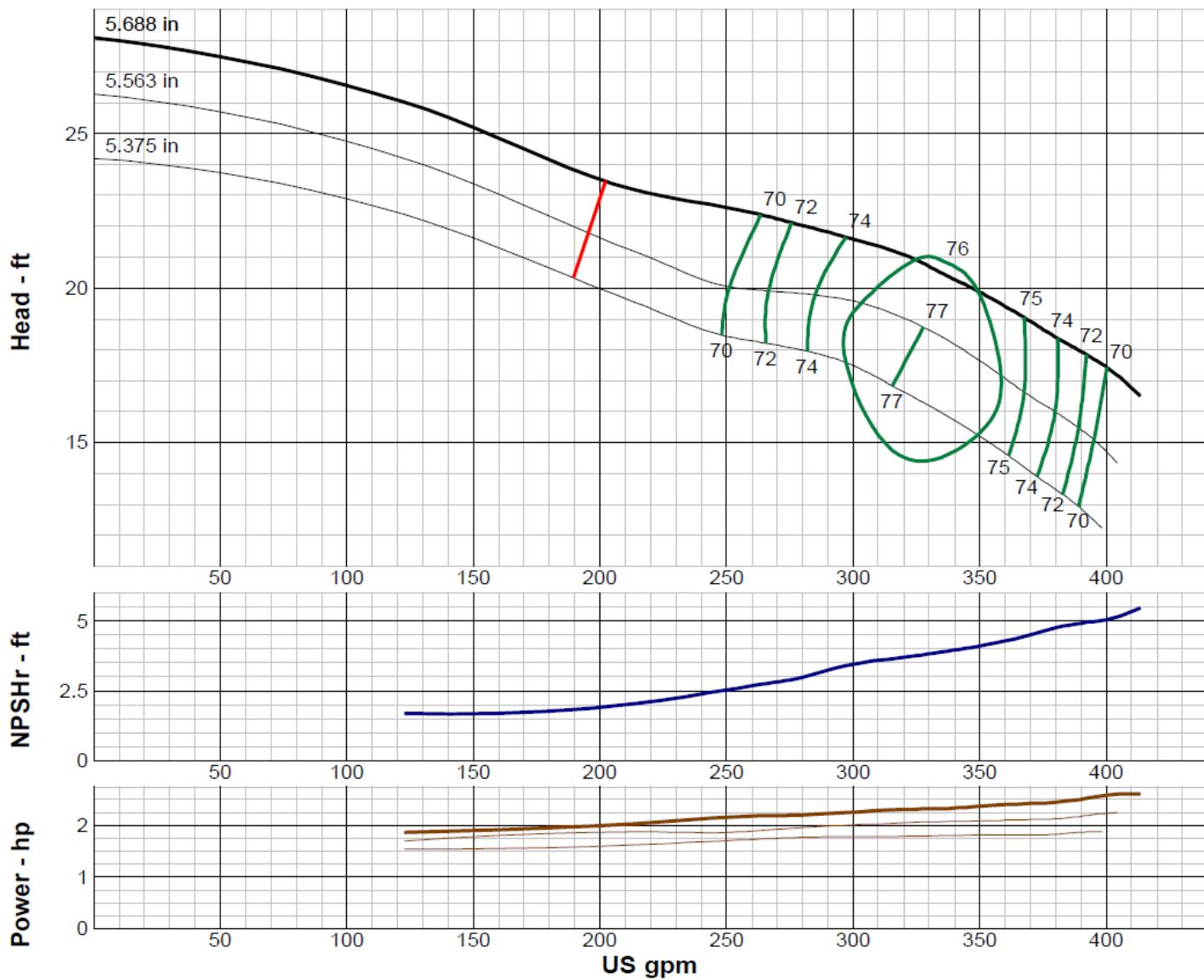
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W7HC

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	7656
TYPE	ENCLOSED
THRUST FACTOR	K=4.56
EYE AREA	11.3 SQ. IN.
WEIGHT	5.25 LB.

Minimum submergence above eye of bottom impeller: 18 IN.

## FLANGED BOWL DATA

BOWL NUMBER	6947
BOWL MAX. DIAMETER	7.313 IN.
BOWL MIN. DIAMETER	7.125 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	102 LB.
ADD STAGE WEIGHT	37 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.625
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-2	-1	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

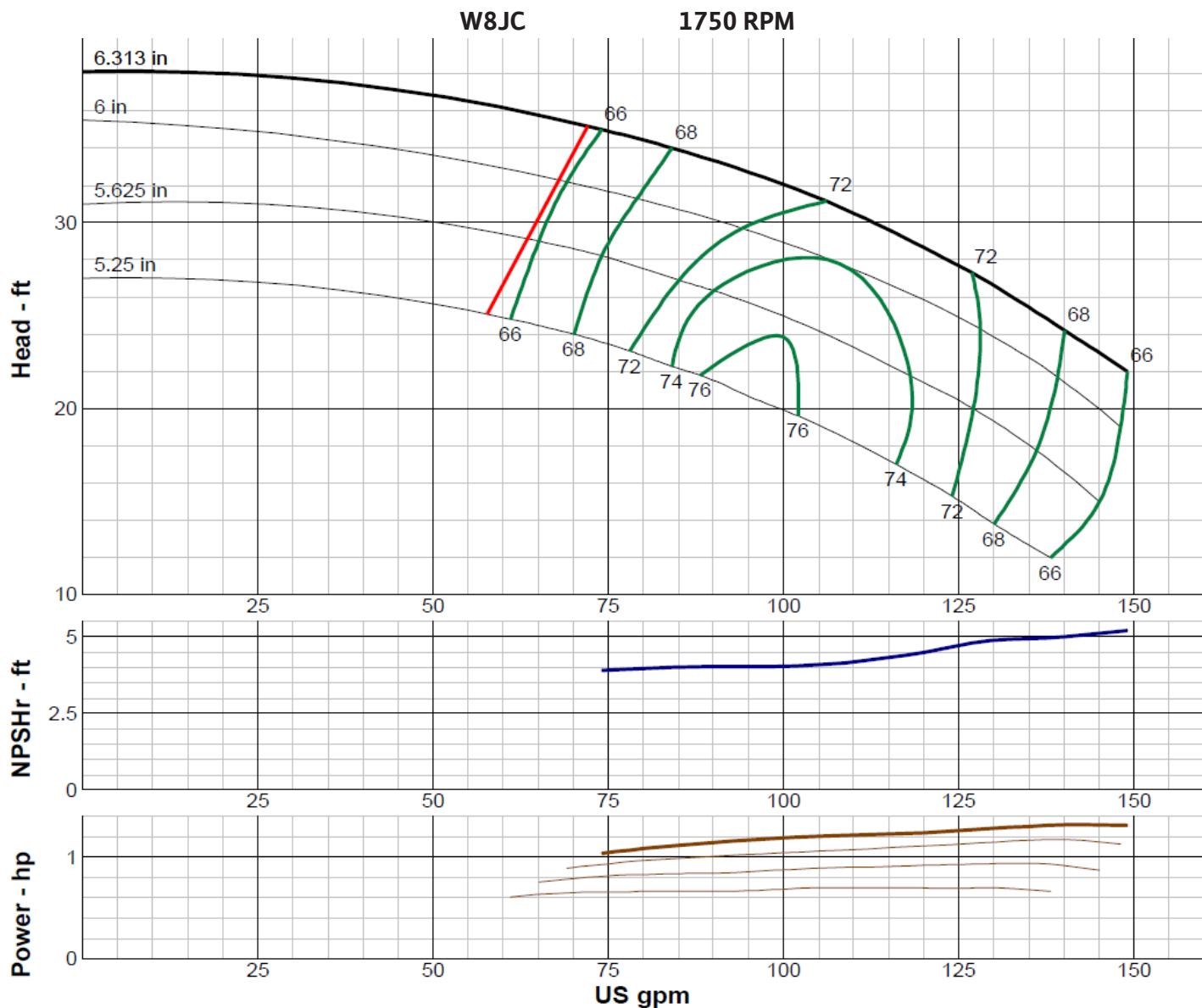
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-3
BOWL MATERIAL:	-2	-2	-2	-6

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3628
TYPE	ENCLOSED
THRUST FACTOR	K=2.98
EYE AREA	3.65 SQ. IN.
WEIGHT	5.75 LB.

Minimum submergence above eye of bottom impeller: 18 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	42
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.438
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.250 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

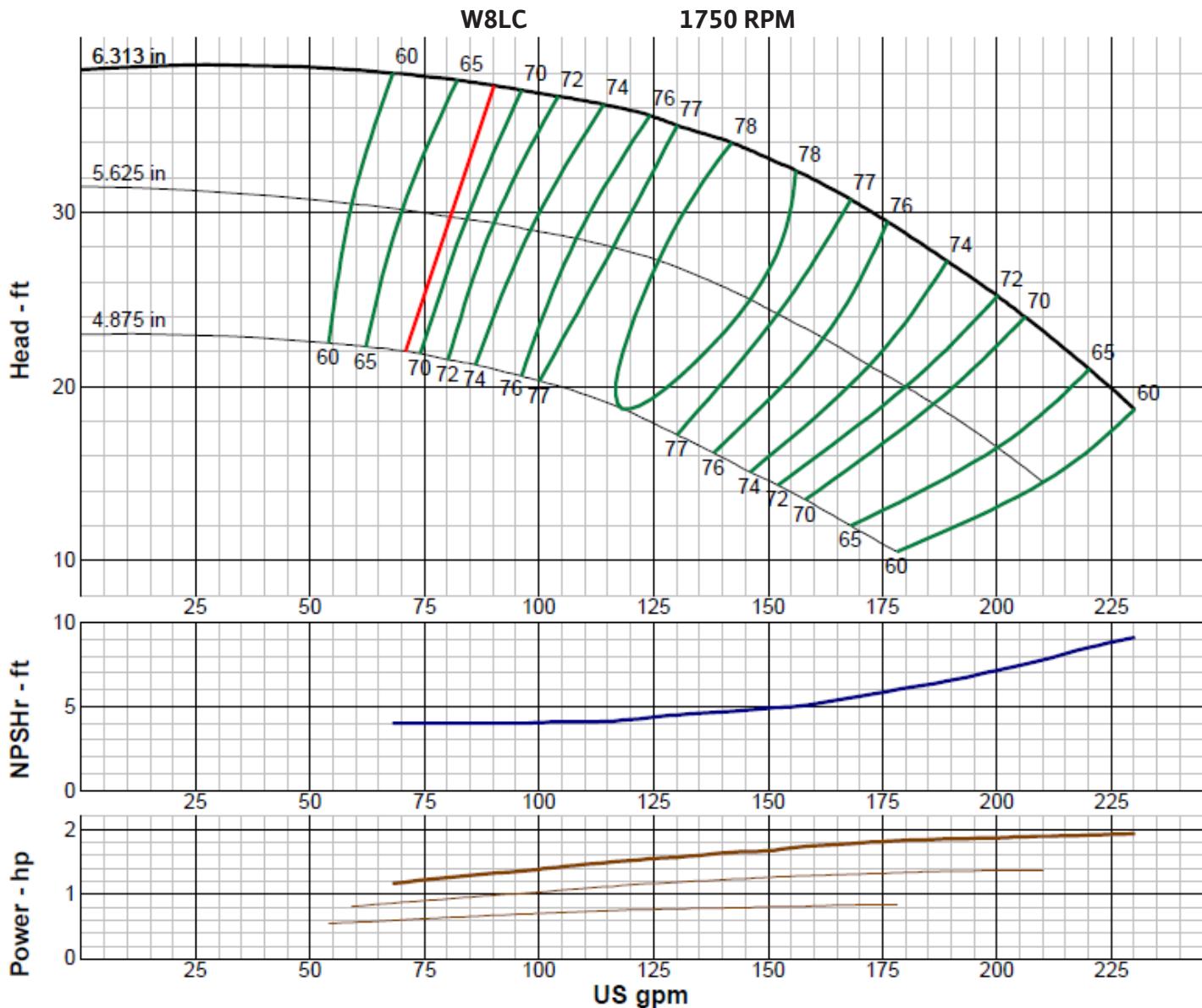
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3630
TYPE	ENCLOSED
THRUST FACTOR	K=2.98
EYE AREA	4.64 SQ. IN.
WEIGHT	5.75 LB.

Minimum submergence above eye of bottom impeller: 14 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3629
BOWL MAX. DIAMETER	7.813 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.438
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.250 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

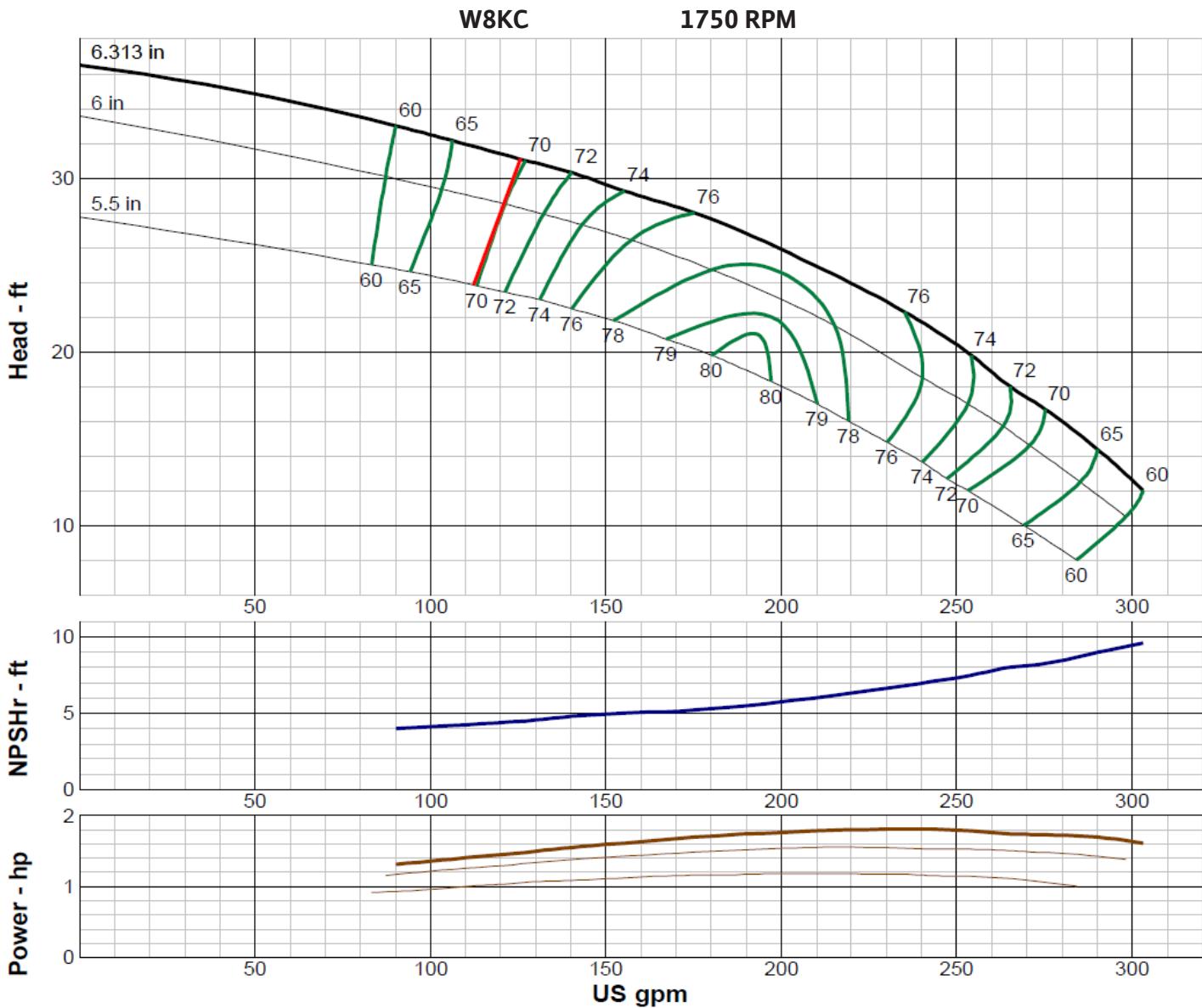
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3680
TYPE	ENCLOSED
THRUST FACTOR	K=3.93
EYE AREA	5.72 SQ. IN.
WEIGHT	5.50 LB.

Minimum submergence above eye of bottom impeller: 18 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.438
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.375 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

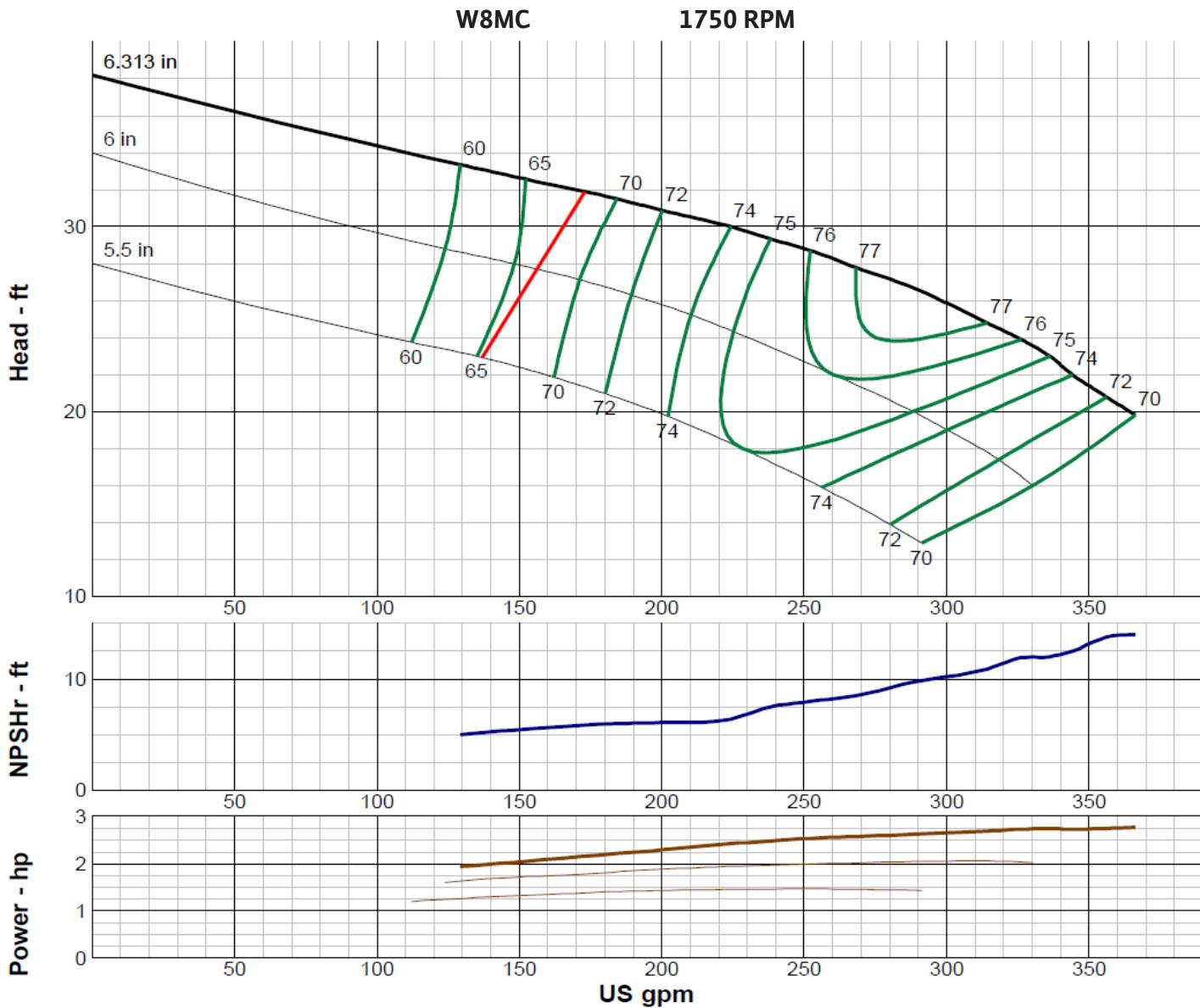
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3589
TYPE	ENCLOSED
THRUST FACTOR	K=3.93
EYE AREA	6.50 SQ. IN.
WEIGHT	5.00 LB.

Minimum submergence above eye of bottom impeller: 22 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3591
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000
STD. LATERAL	0.438
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.375 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

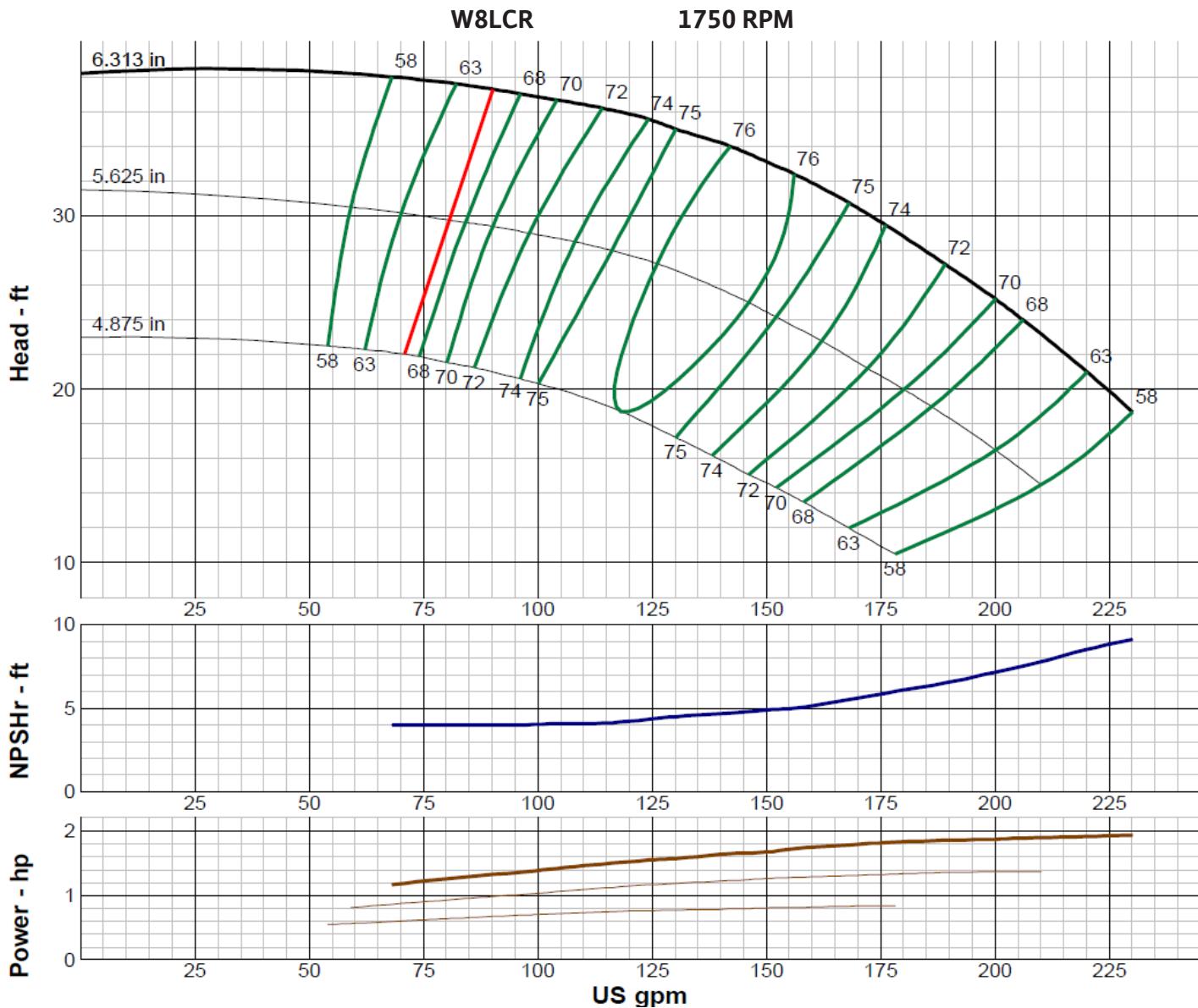
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0395
TYPE	ENCLOSED
THRUST FACTOR	K=4.30
EYE AREA	10.4 SQ. IN.
WEIGHT	11.00 LB.

Minimum submergence above eye of bottom impeller: 19 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0387
BOWL MAX. DIAMETER	7.625 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	140 LB.
ADD STAGE WEIGHT	45 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.375
DISCHARGE SIZE	6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.250 IN
MAX. OPERATIONAL P.S.I.	400 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

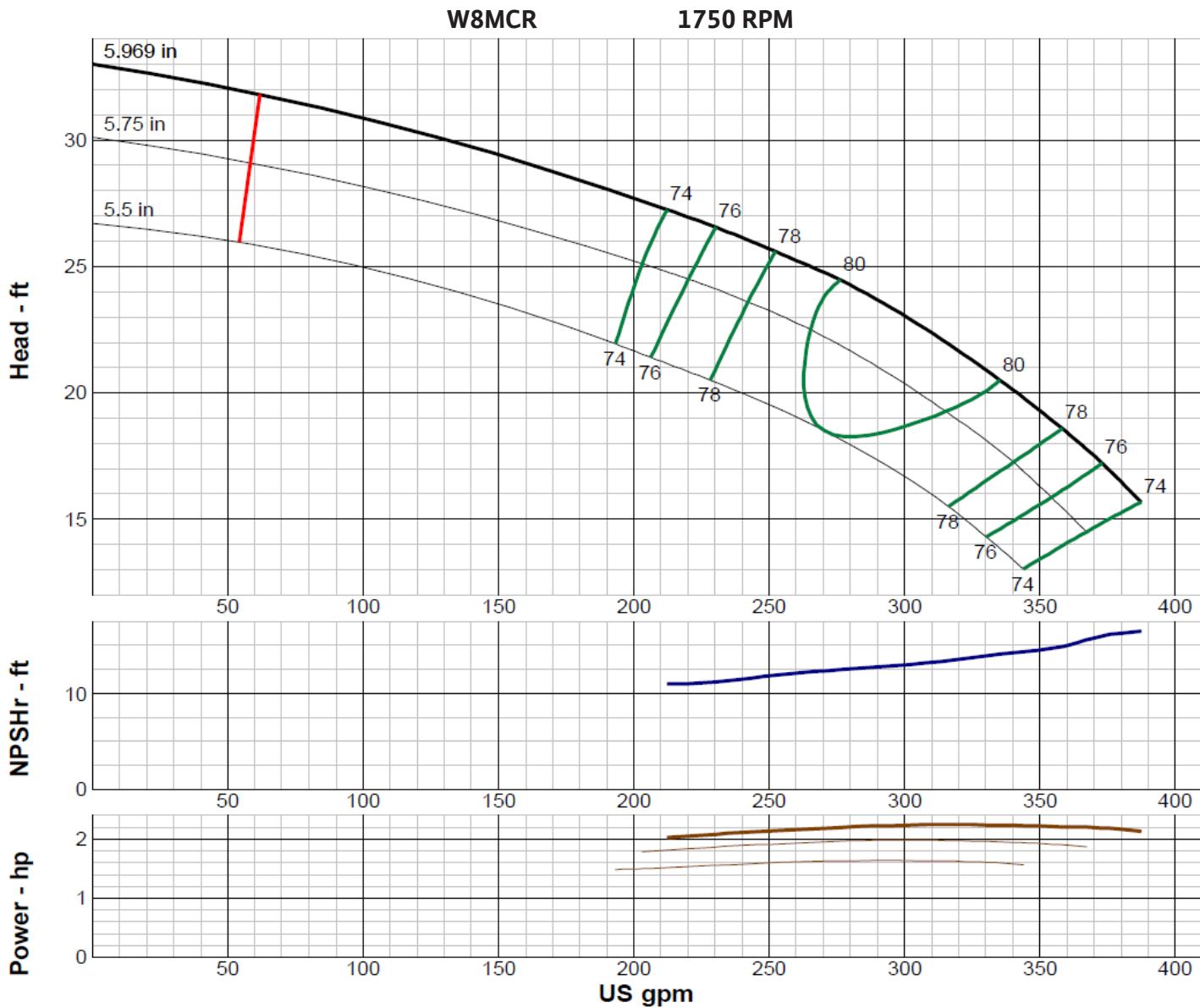
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0396
TYPE	ENCLOSED
THRUST FACTOR	K=4.30
EYE AREA	10.4 SQ. IN.
WEIGHT	11.00 LB.

Minimum submergence above eye of bottom impeller: 20 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0387
BOWL MAX. DIAMETER	7.625 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	140 LB.
ADD STAGE WEIGHT	45 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.375
DISCHARGE SIZE	6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.250 IN
MAX. OPERATIONAL P.S.I.	400 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

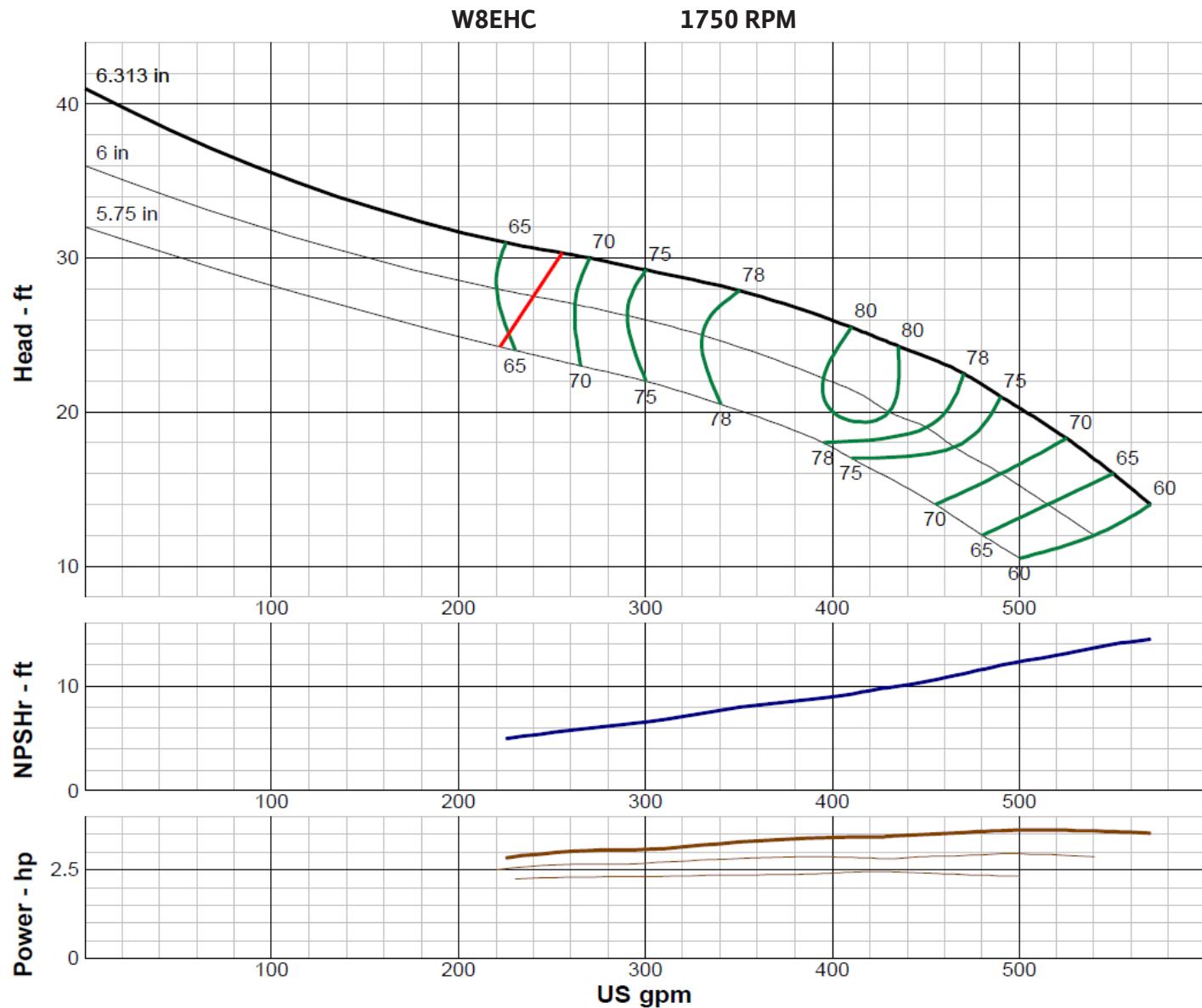
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	2978
TYPE	ENCLOSED
THRUST FACTOR	K=5.40
EYE AREA	8.33 SQ. IN.
WEIGHT	5.00 LB.

Minimum submergence above eye of bottom impeller: 22 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2883
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.375
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-3	-2	-1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

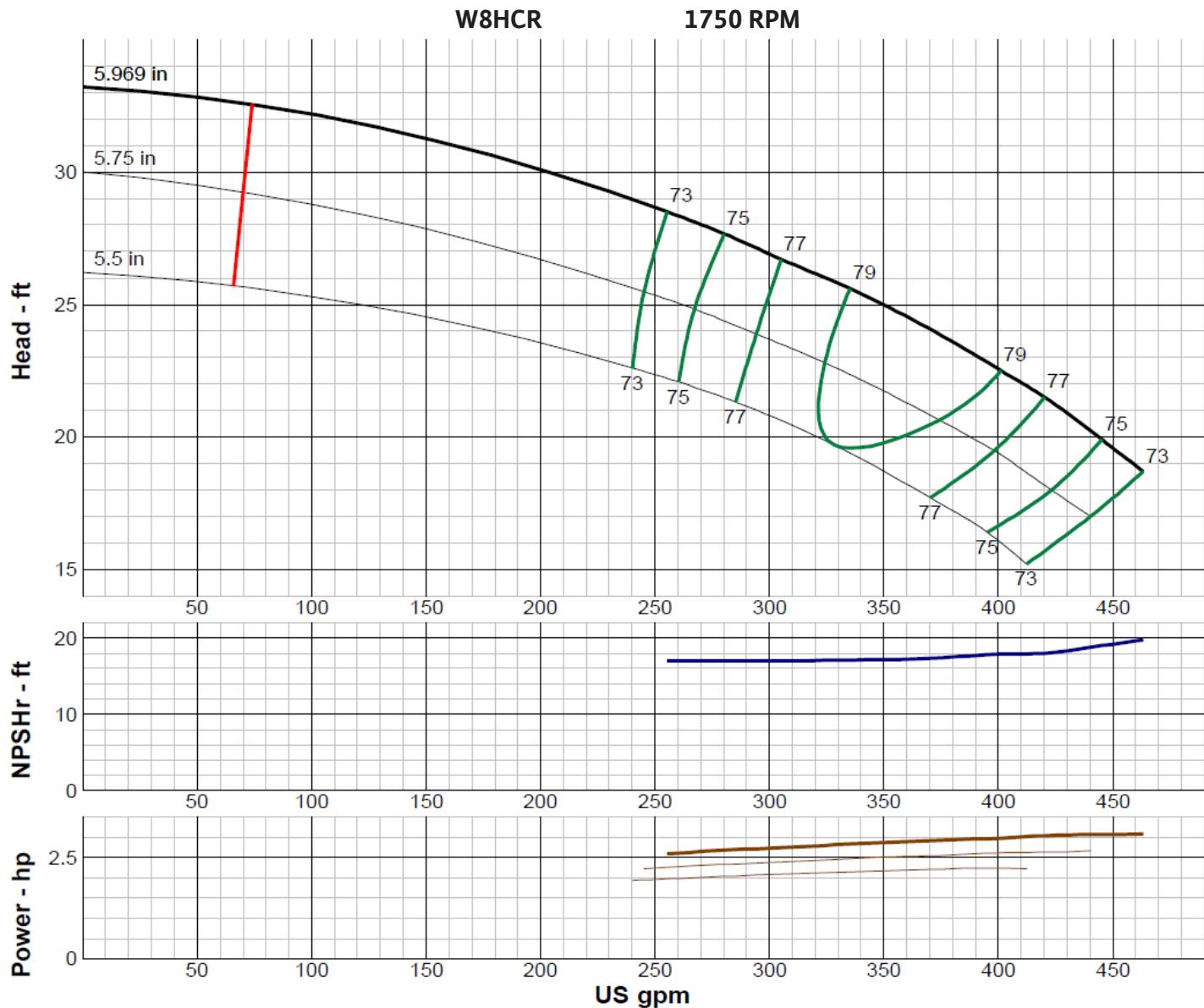
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0379
TYPE	ENCLOSED
THRUST FACTOR	K=4.30
EYE AREA	10.4 SQ. IN.
WEIGHT	11.00 LB.

Minimum submergence above eye of bottom impeller: 20 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0387
BOWL MAX. DIAMETER	7.625 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	140 LB.
ADD STAGE WEIGHT	45 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.375
DISCHARGE SIZE	6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.250 IN
MAX. OPERATIONAL P.S.I.	400 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	-0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

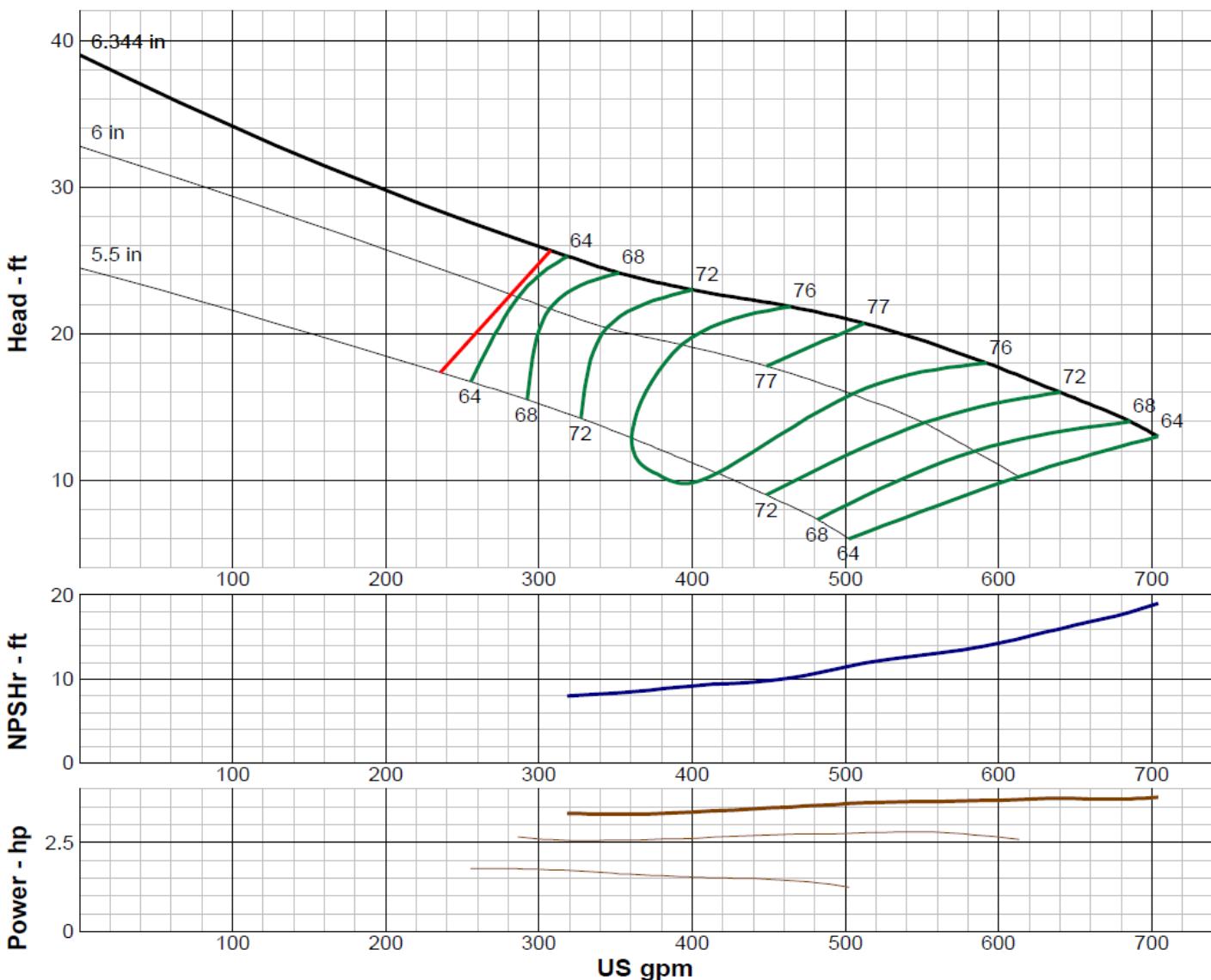
## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®

**W8YC**

**1750 RPM**



IMPELLER DATA	
IMPELLER NUMBER	5502
TYPE	ENCLOSED
THRUST FACTOR	K=8.00
EYE AREA	15.9 SQ. IN.
WEIGHT	5.25 LB.

FLANGED BOWL DATA	
BOWL NUMBER	5503
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	32
ONE STAGE WEIGHT	139 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.375
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.125 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

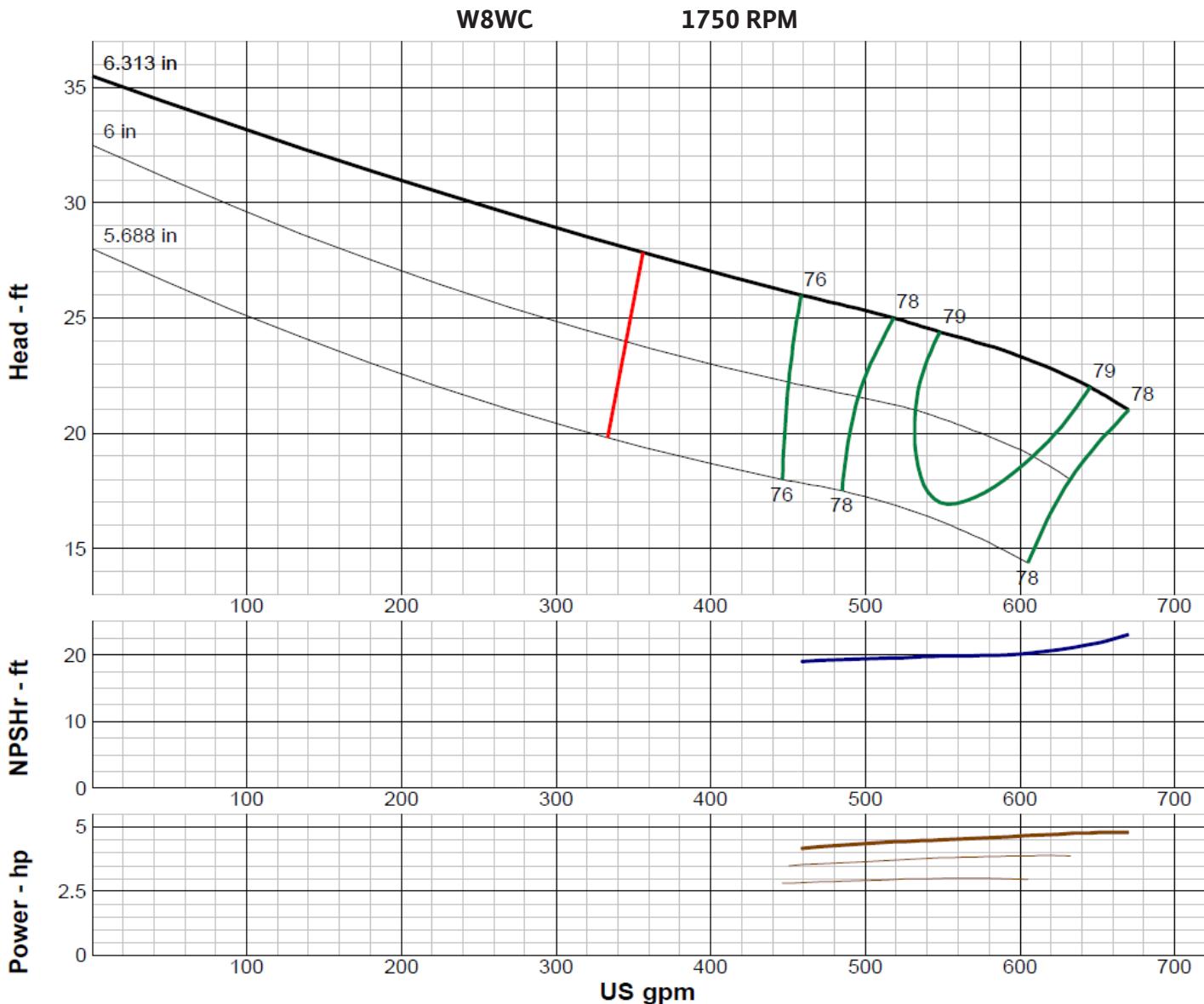
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3050
TYPE	ENCLOSED
THRUST FACTOR	K=6.20
EYE AREA	17.2 SQ. IN.
WEIGHT	6.50 LB.

Minimum submergence above eye of bottom impeller: 28 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3169
BOWL MAX. DIAMETER	7.750 IN.
BOWL MIN. DIAMETER	7.625 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	88 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188
STD. LATERAL	0.500
DISCHARGE SIZE	5 - 6 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.125 IN
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

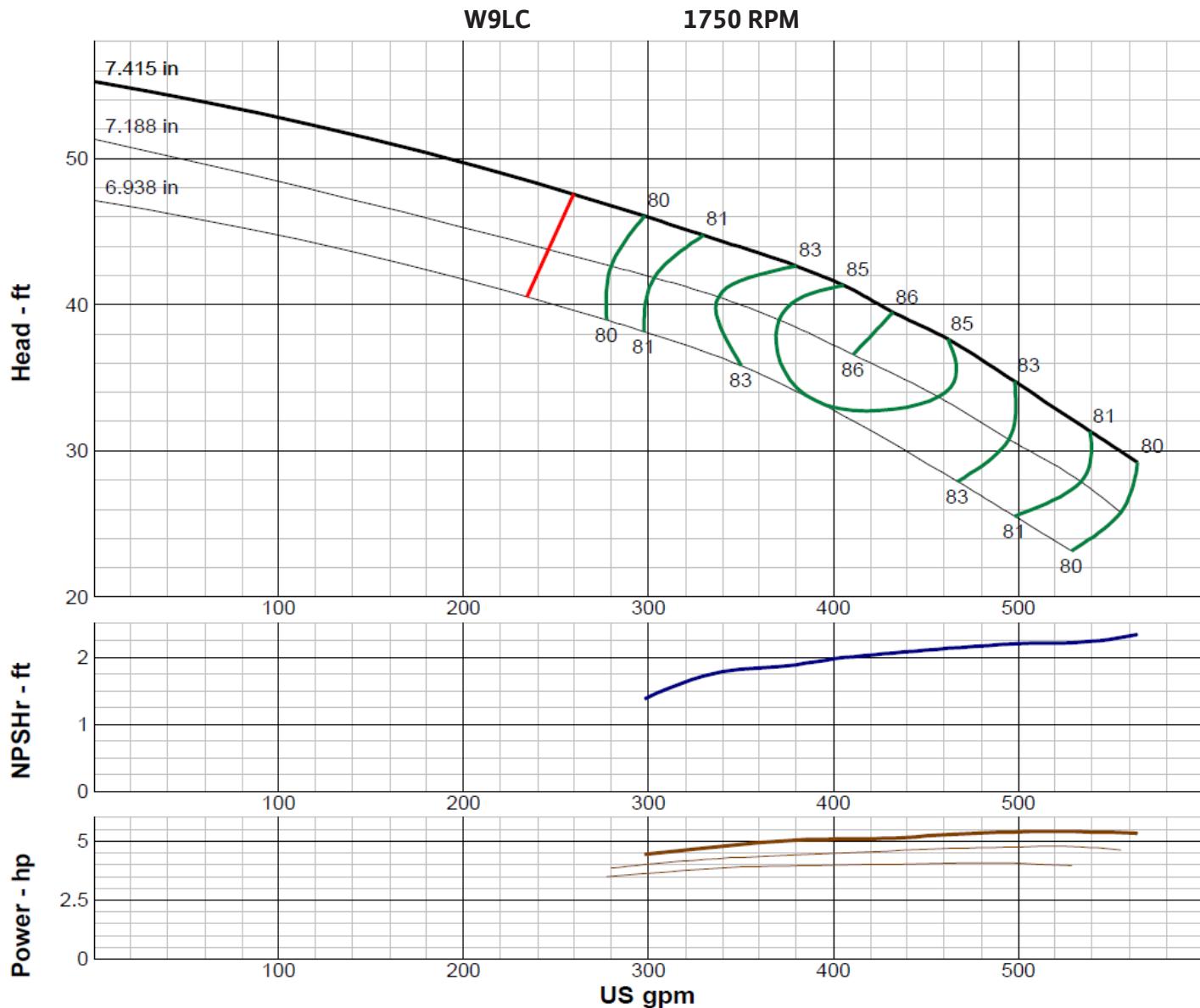
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-2	-2	-5

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER NUMBER	7747
TYPE	ENCLOSED
THRUST FACTOR	K=4.90
EYE AREA	12.4 SQ. IN.
WEIGHT	8.20 LB.

#### IMPELLER DATA

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	7038
BOWL MAX. DIAMETER	9.438 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	46
ONE STAGE WEIGHT	145 LB.
ADD STAGE WEIGHT	50 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.875
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	5 - 6 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.125 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

#### EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	-0.5	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

#### PUMP MATERIAL EFFICIENCY CORRECTION

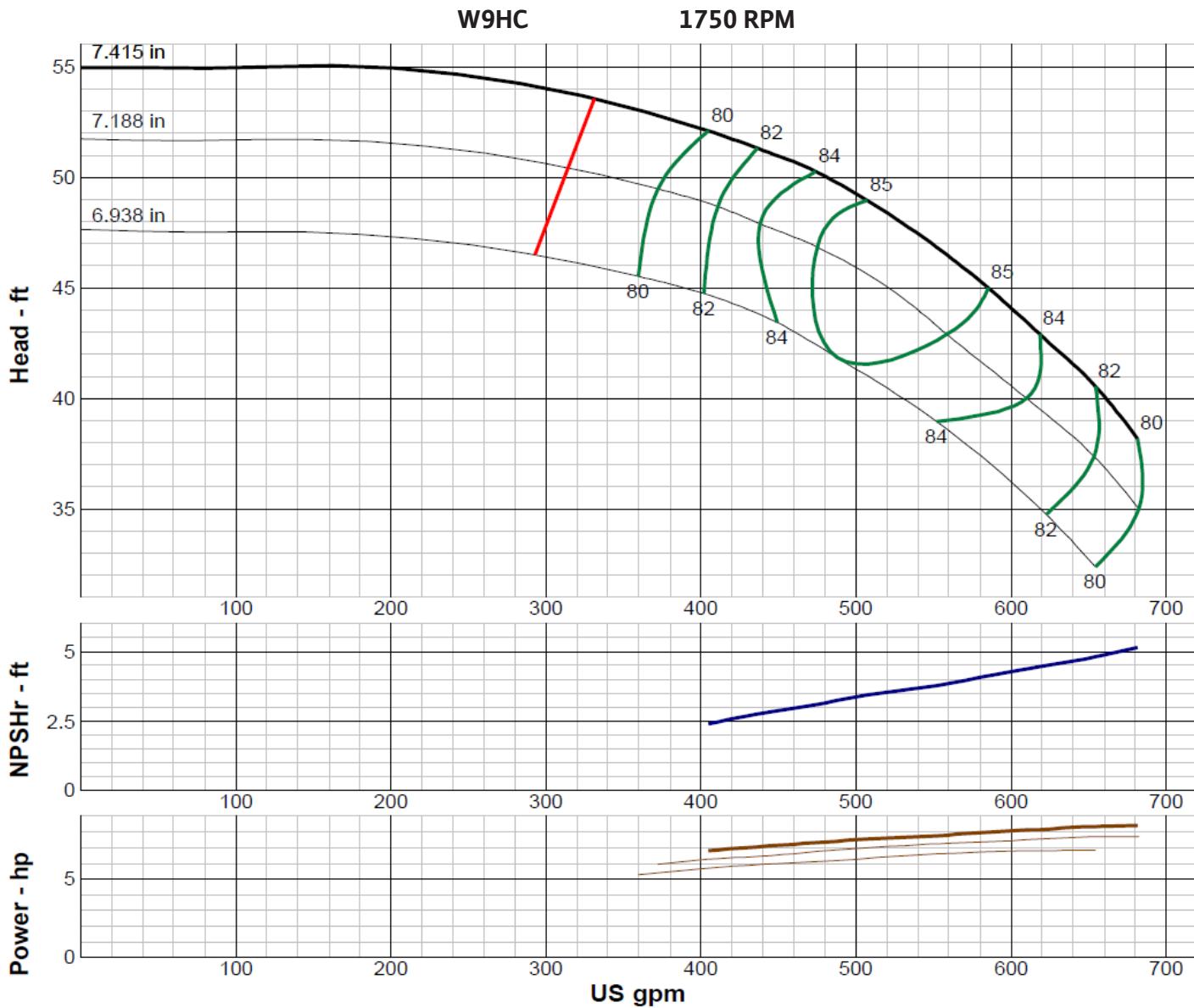
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	7756
TYPE	ENCLOSED
THRUST FACTOR	K=3.10
EYE AREA	12.4 SQ. IN.
WEIGHT	8.20 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	7038
BOWL MAX. DIAMETER	9.438 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	36
ONE STAGE WEIGHT	145 LB.
ADD STAGE WEIGHT	50 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.875
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.125 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	-0.5	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

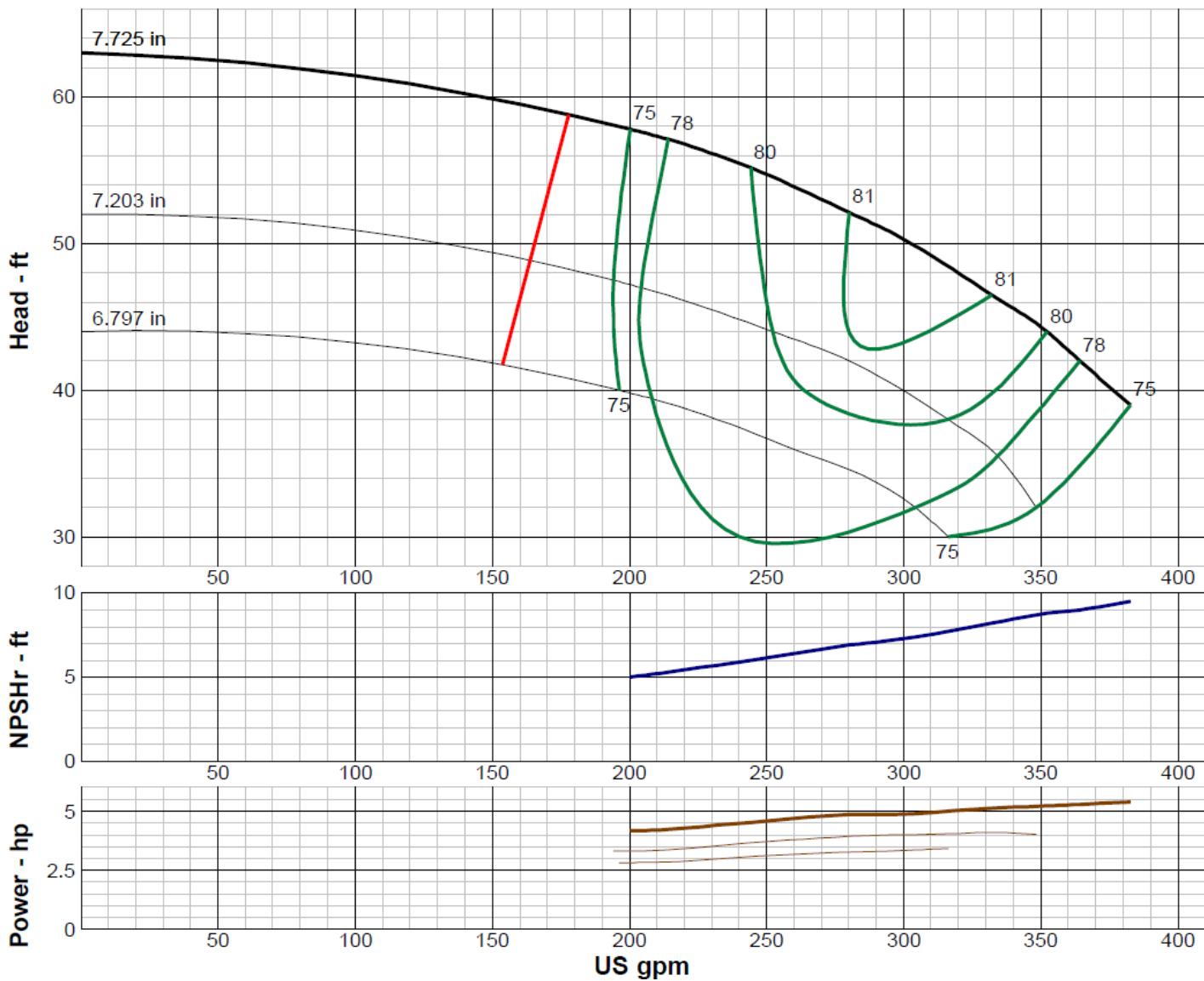
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W10JC

1750 RPM



#### IMPELLER DATA

IMPELLER NUMBER	3094
TYPE	ENCLOSED
THRUST FACTOR	K=3.98
EYE AREA	7.89 SQ. IN.
WEIGHT	9.25 LB.

Minimum submergence above eye of bottom impeller: 32 IN.

#### FLANGED BOWL DATA

BOWL NUMBER	3096
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	33
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.500
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.438 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

#### EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-3	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

#### PUMP MATERIAL EFFICIENCY CORRECTION

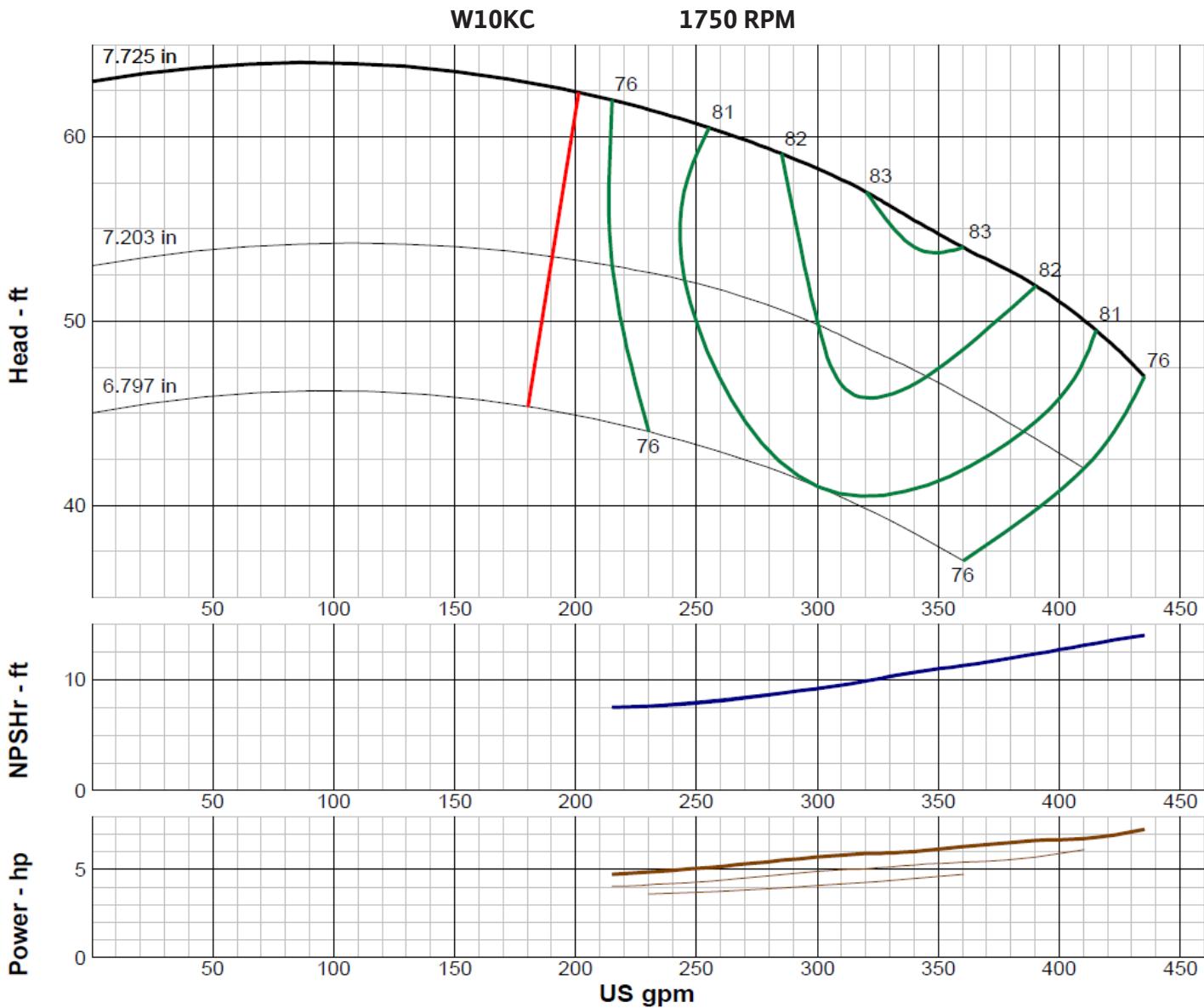
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3095
TYPE	ENCLOSED
THRUST FACTOR	K=4.20
EYE AREA	7.89 SQ. IN.
WEIGHT	9.50 LB.

Minimum submergence above eye of bottom impeller: 32 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3096
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	33
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.500
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.438 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-5	-4	-3	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

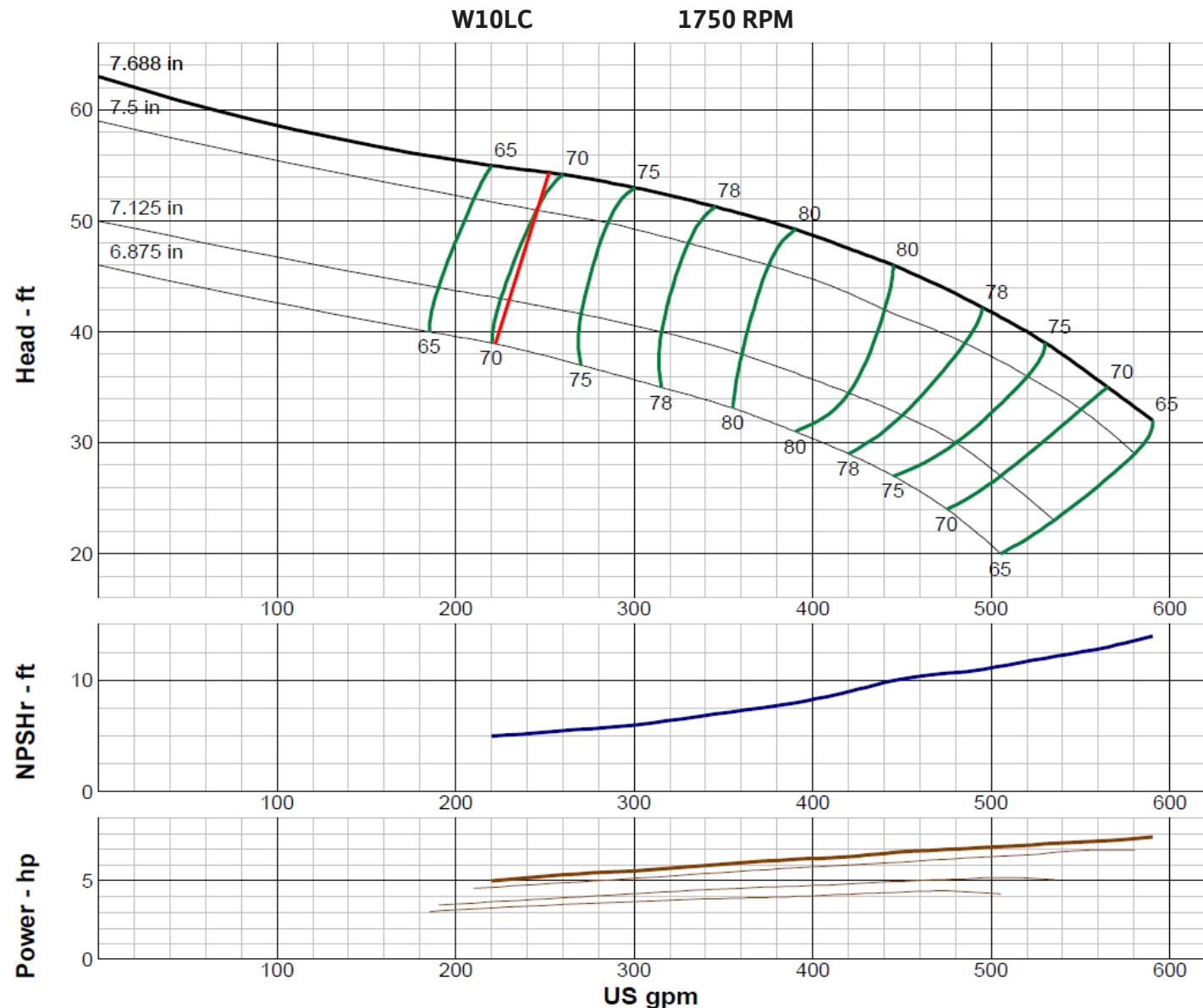
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3102
TYPE	ENCLOSED
THRUST FACTOR	K=6.60
EYE AREA	10.2 SQ. IN.
WEIGHT	9.75 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3908
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	34
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.563
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

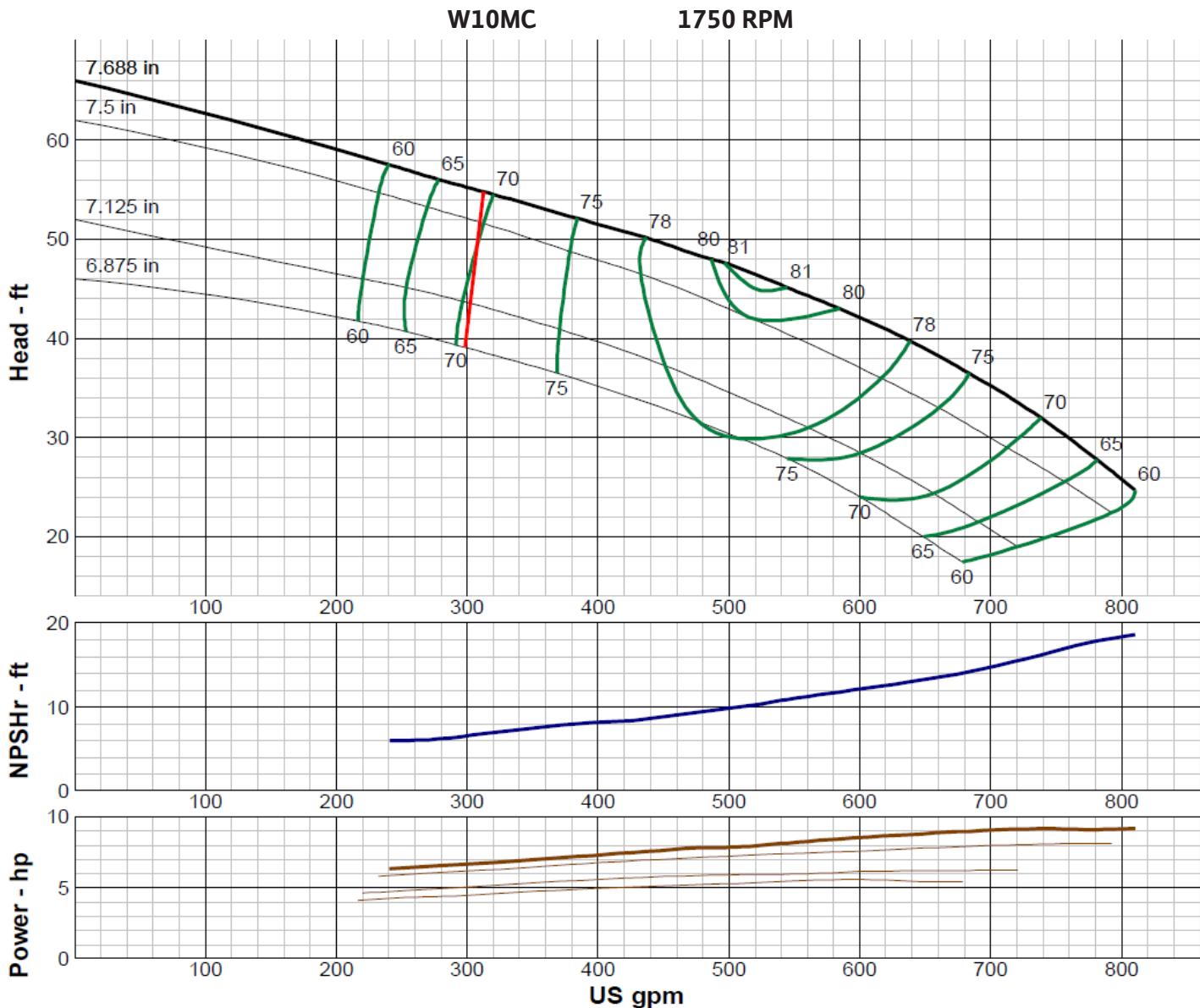
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3097
TYPE	ENCLOSED
THRUST FACTOR	K=6.60
EYE AREA	11.7 SQ. IN.
WEIGHT	8.50 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3908
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	30
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.625
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

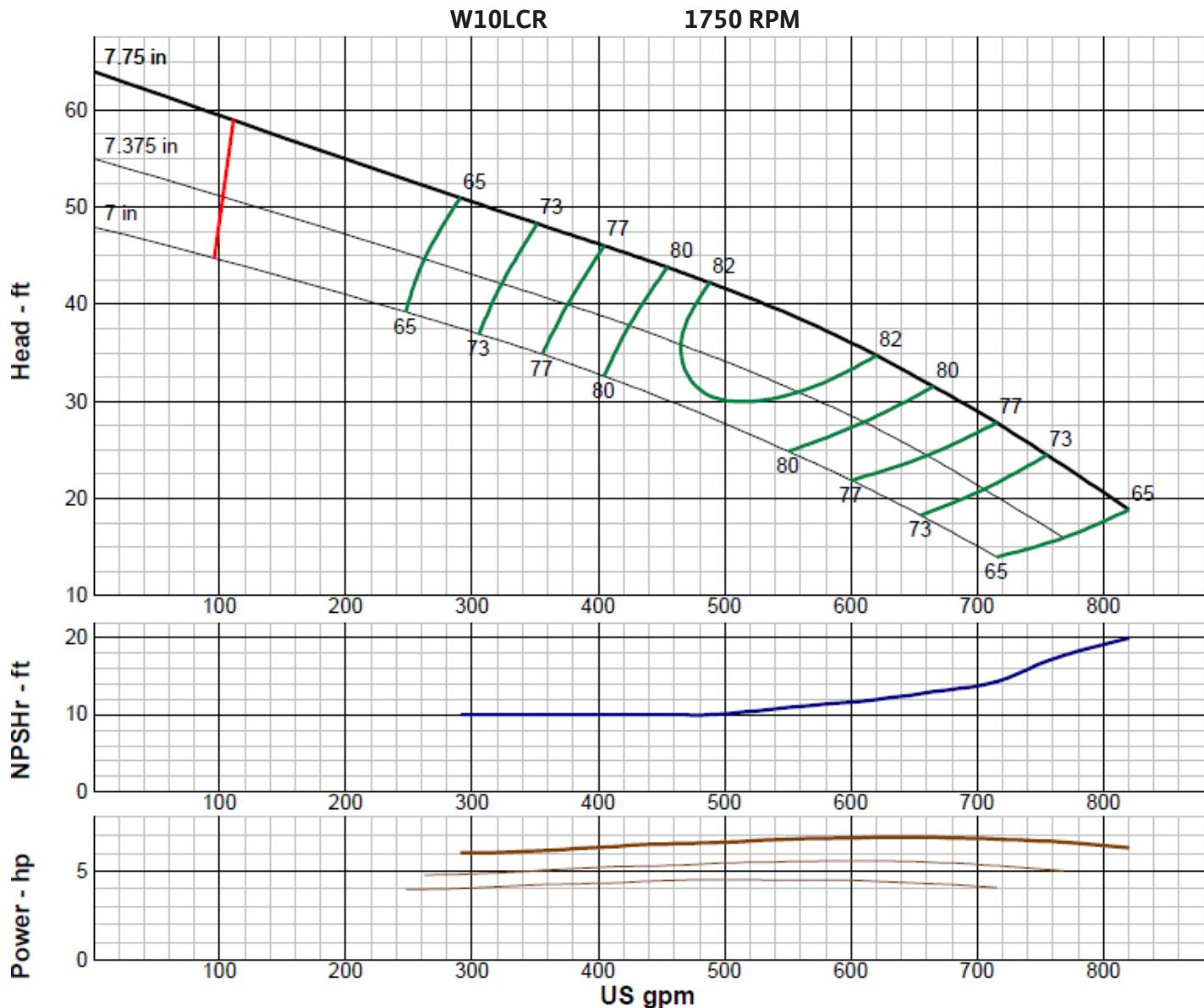
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	0341
TYPE	ENCLOSED
THRUST FACTOR	K=6.90
EYE AREA	18.0 SQ. IN.
WEIGHT	15.00 LB.

Minimum submergence above eye of bottom impeller: 22 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0340
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.375 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	260 LB.
ADD STAGE WEIGHT	80 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.375
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

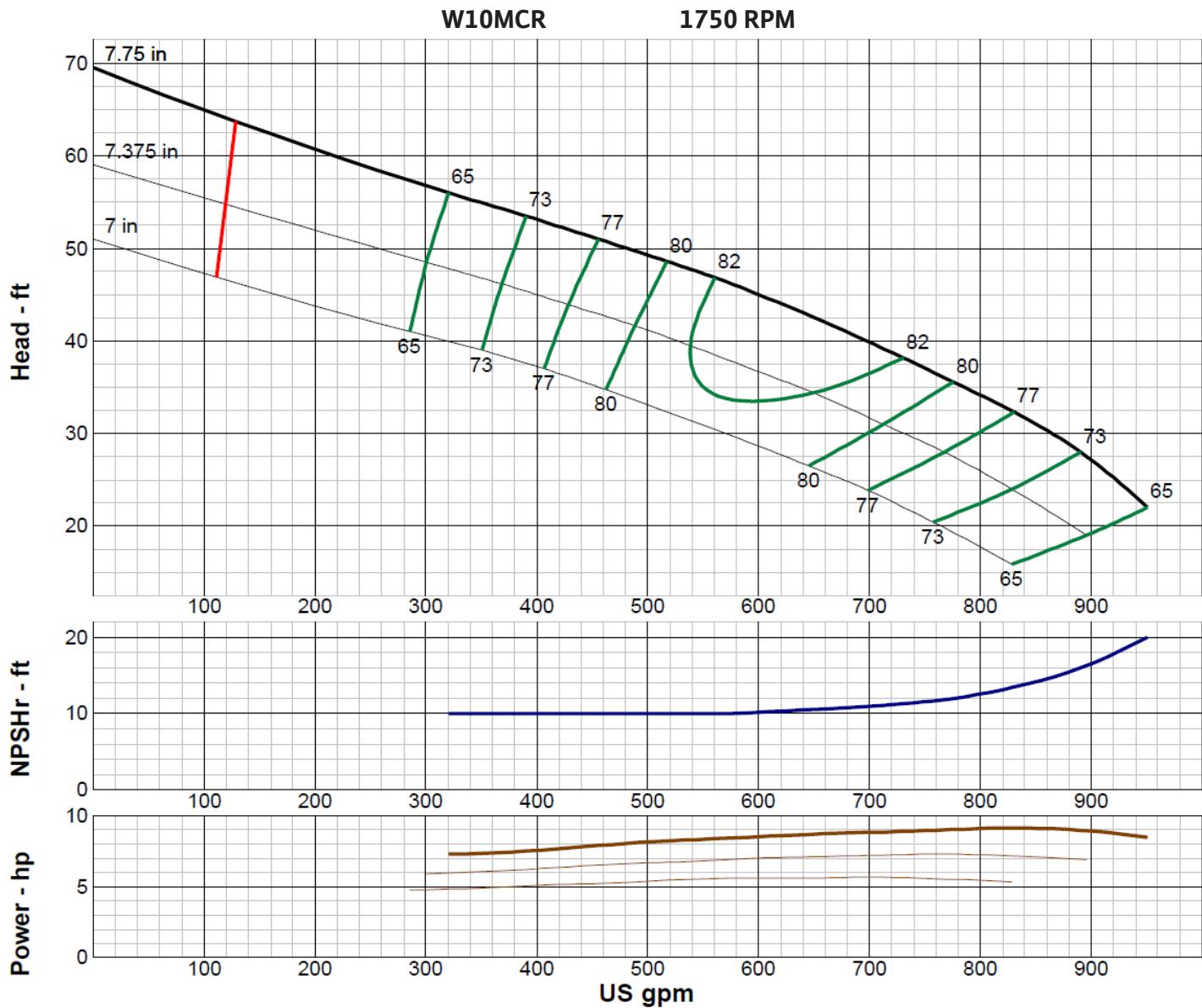
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	0342
TYPE	ENCLOSED
THRUST FACTOR	K=6.70
EYE AREA	18.0 SQ. IN.
WEIGHT	15.00 LB.

Minimum submergence above eye of bottom impeller: 22 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0340
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.375 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	260 LB.
ADD STAGE WEIGHT	80 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.375
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

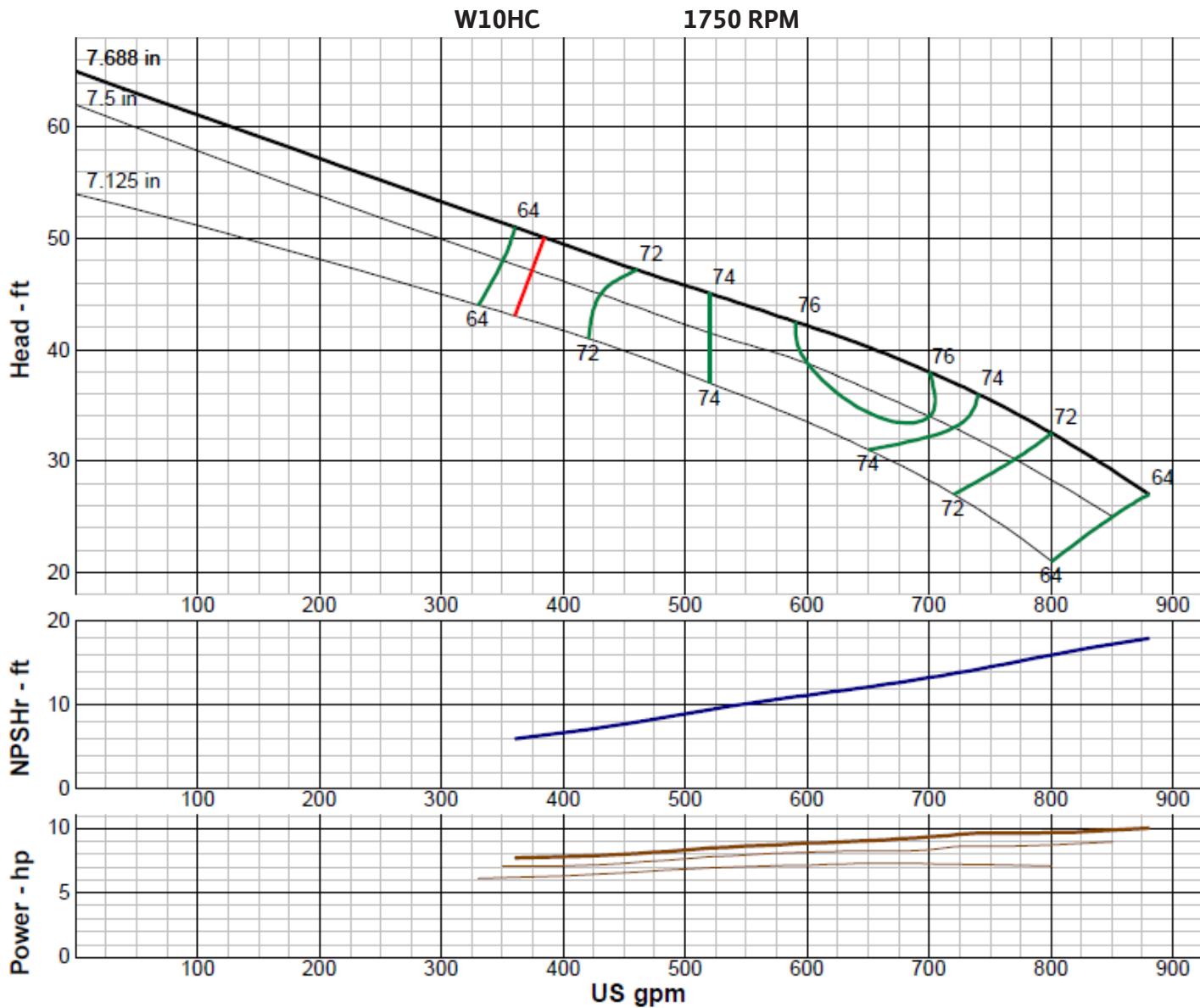
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	2967
TYPE	ENCLOSED
THRUST FACTOR	K=8.10
EYE AREA	14.9 SQ. IN.
WEIGHT	8.50 LB.

Minimum submergence above eye of bottom impeller: 39 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2968
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	27
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500
STD. LATERAL	0.625
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

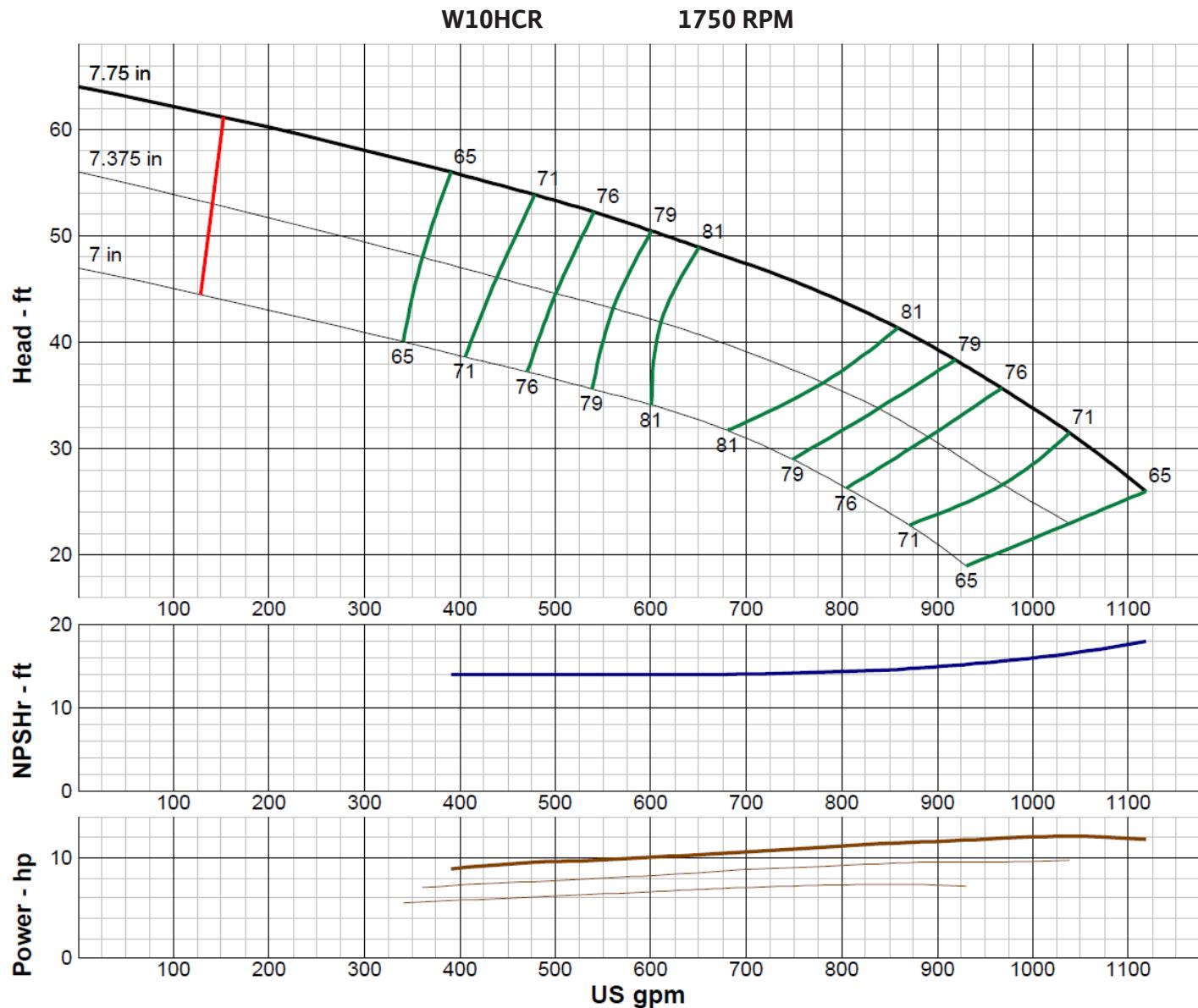
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



#### IMPELLER DATA

IMPELLER NUMBER	0343
TYPE	ENCLOSED
THRUST FACTOR	K=6.70
EYE AREA	18.0 SQ. IN.
WEIGHT	15.00 LB.

Minimum submergence above eye of bottom impeller: 22 IN.

#### FLANGED BOWL DATA

BOWL NUMBER	0340
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.375 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	260 LB.
ADD STAGE WEIGHT	80 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.375
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

#### EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

#### PUMP MATERIAL EFFICIENCY CORRECTION

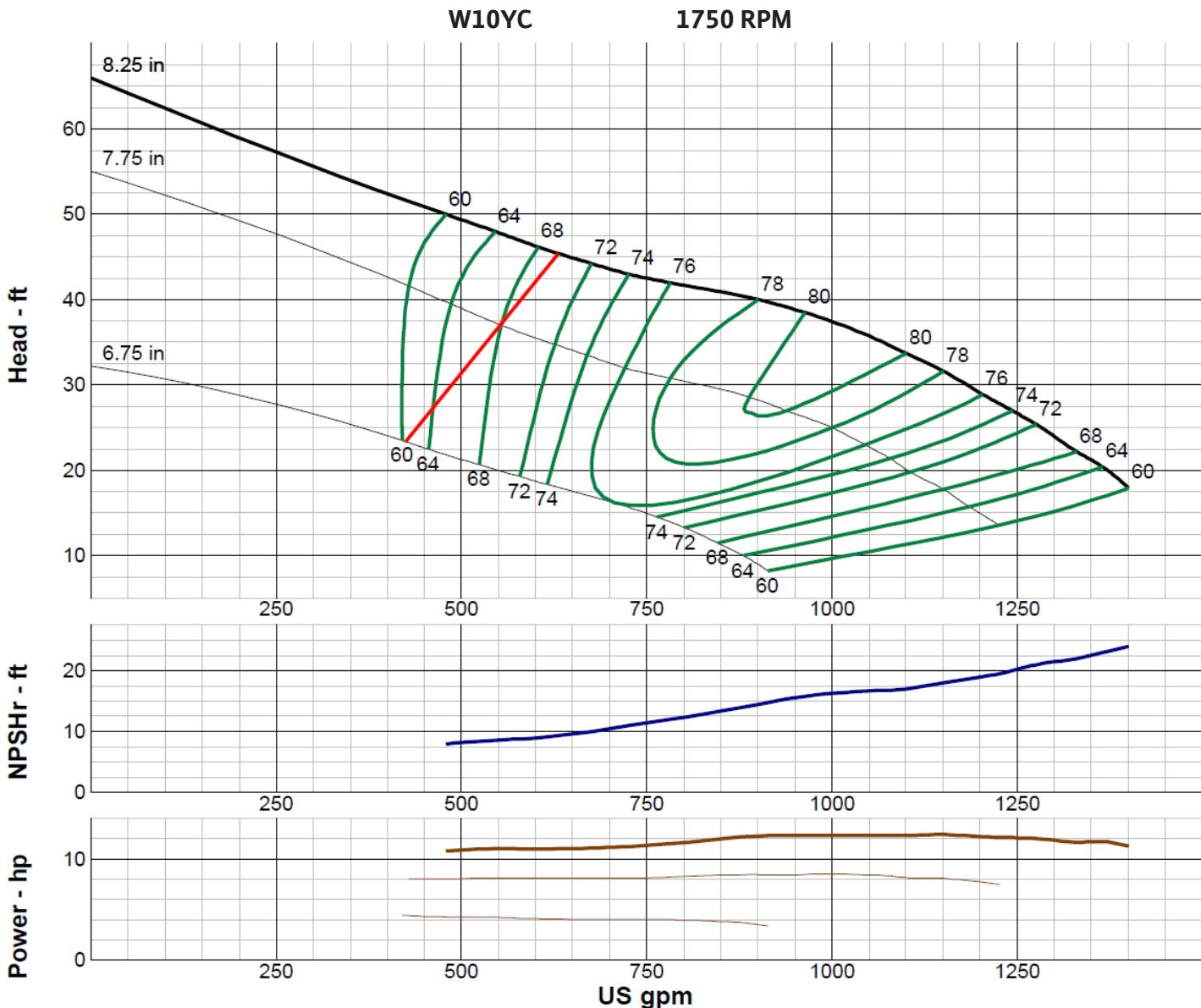
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3540
TYPE	ENCLOSED
THRUST FACTOR	K=10.30
EYE AREA	19.4 SQ. IN.
WEIGHT	11.00 LB.

Minimum submergence above eye of bottom impeller: 40 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3541
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.875 IN
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

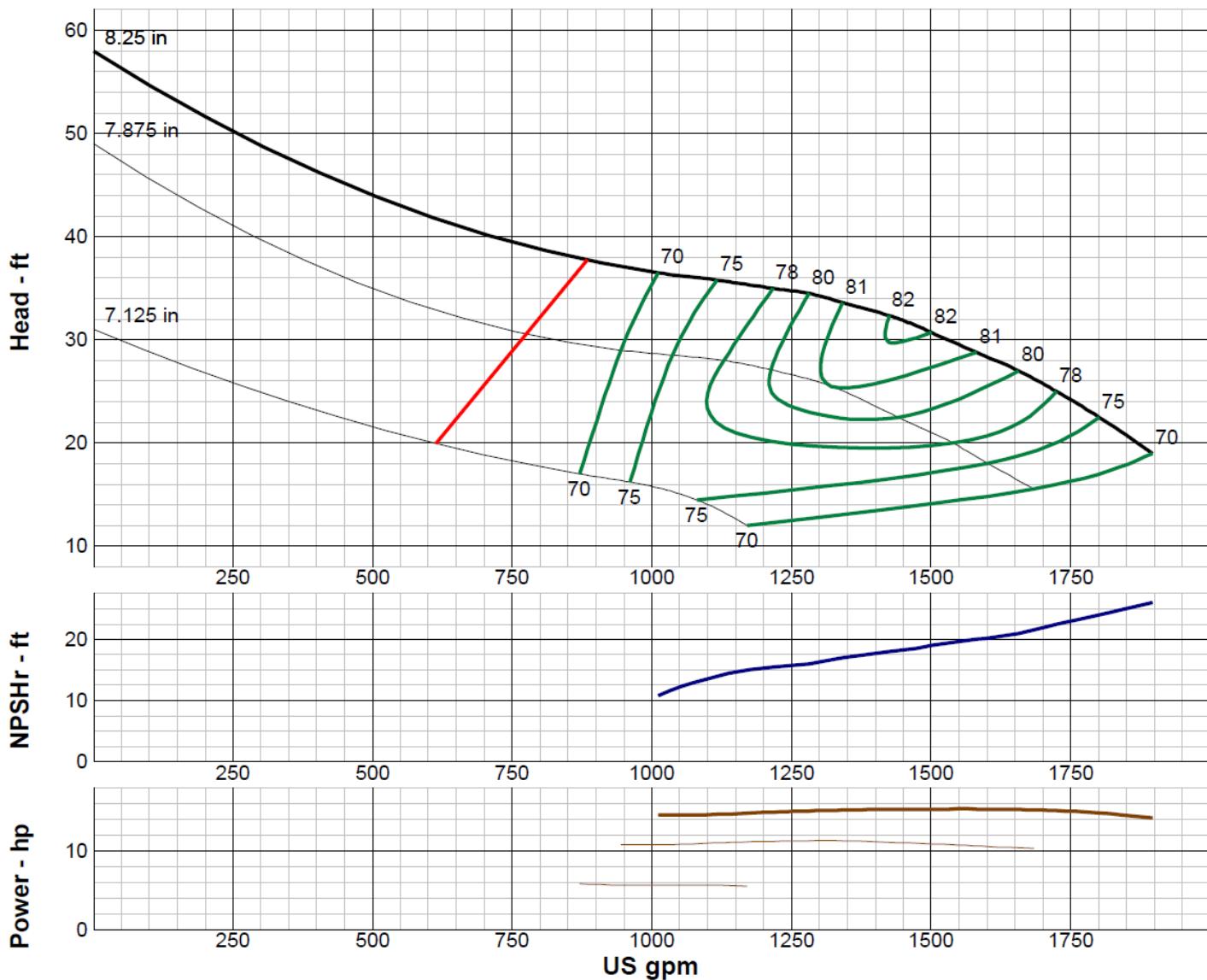
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W10ZC

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	3862
TYPE	ENCLOSED
THRUST FACTOR	K=13.60
EYE AREA	26.7 SQ. IN.
WEIGHT	9.75 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

## FLANGED BOWL DATA

BOWL NUMBER	3864
BOWL MAX. DIAMETER	9.875 IN.
BOWL MIN. DIAMETER	9.500 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.500
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.438 IN
MAX. OPERATIONAL P.S.I.	455 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-6	-5	-3	-1	0

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

## PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

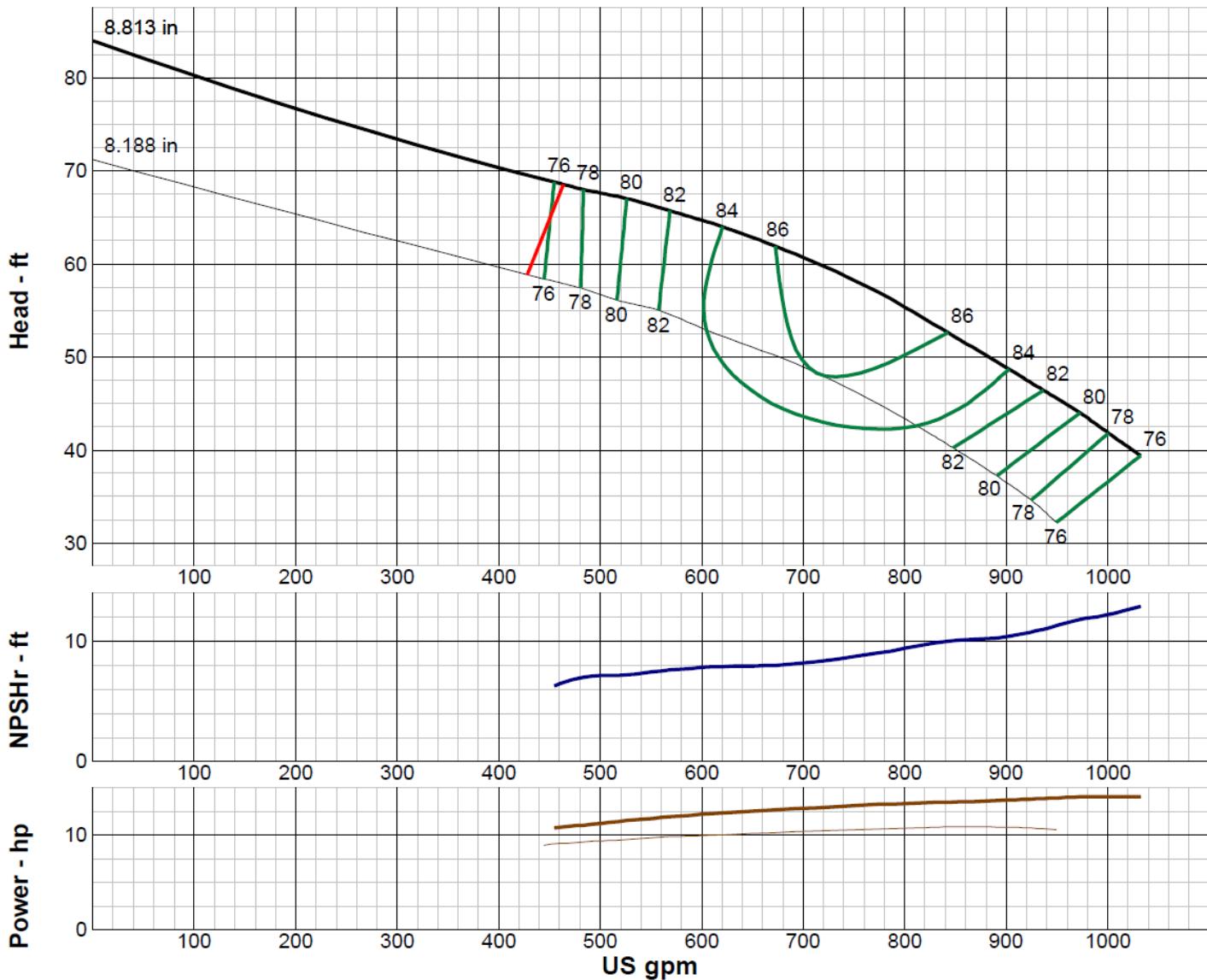
## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®

**W11LC**

**1750 RPM**



IMPELLER DATA	
IMPELLER NUMBER	0183
TYPE	ENCLOSED
THRUST FACTOR	K=7.90
EYE AREA	17.7 SQ. IN.
WEIGHT	15.40 LB.

FLANGED BOWL DATA	
BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	25
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

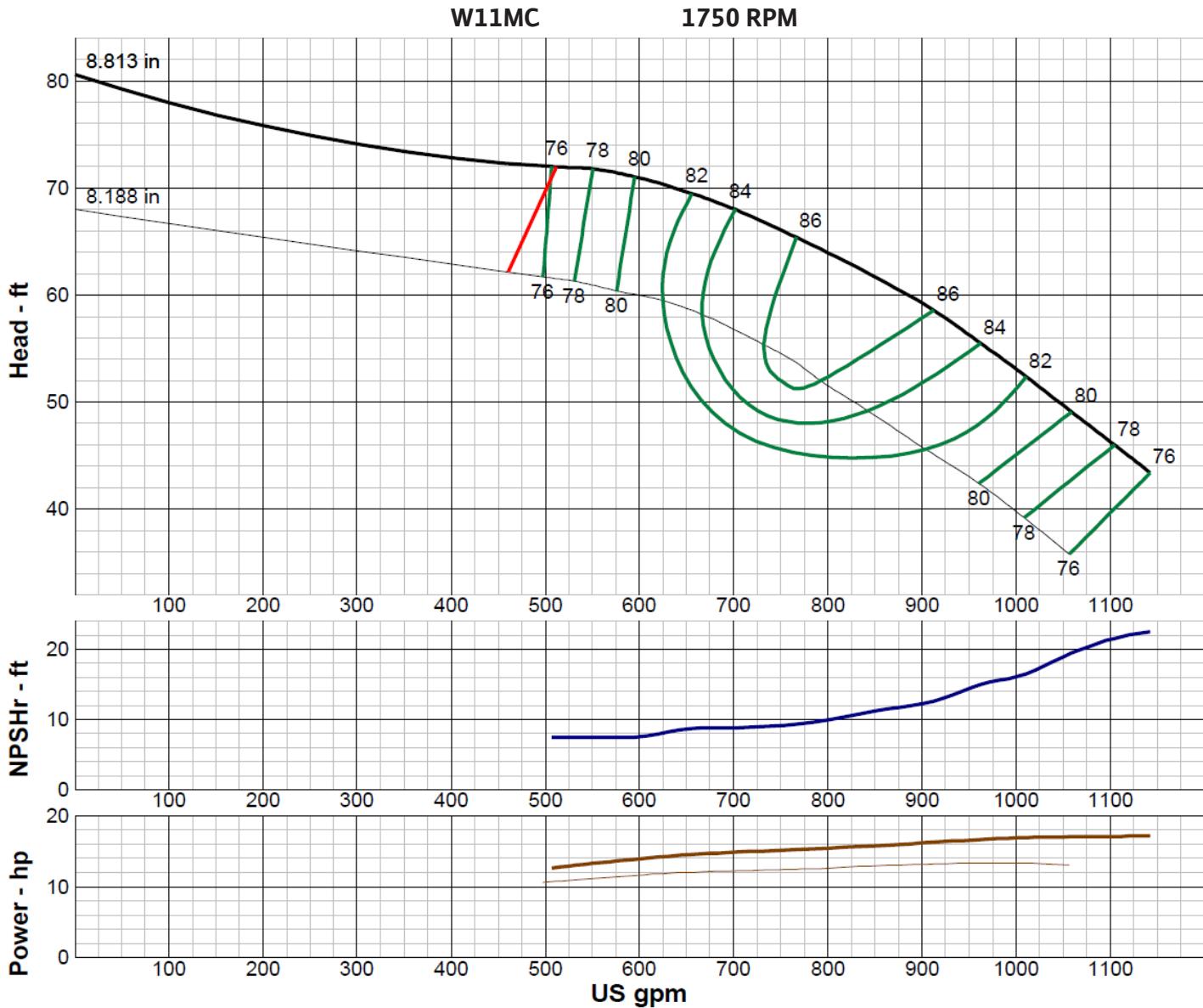
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



## IMPELLER DATA

IMPELLER NUMBER	0184
TYPE	ENCLOSED
THRUST FACTOR	K=7.80
EYE AREA	17.7 SQ. IN.
WEIGHT	15.50 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

## FLANGED BOWL DATA

BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	22
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

## PUMP MATERIAL EFFICIENCY CORRECTION

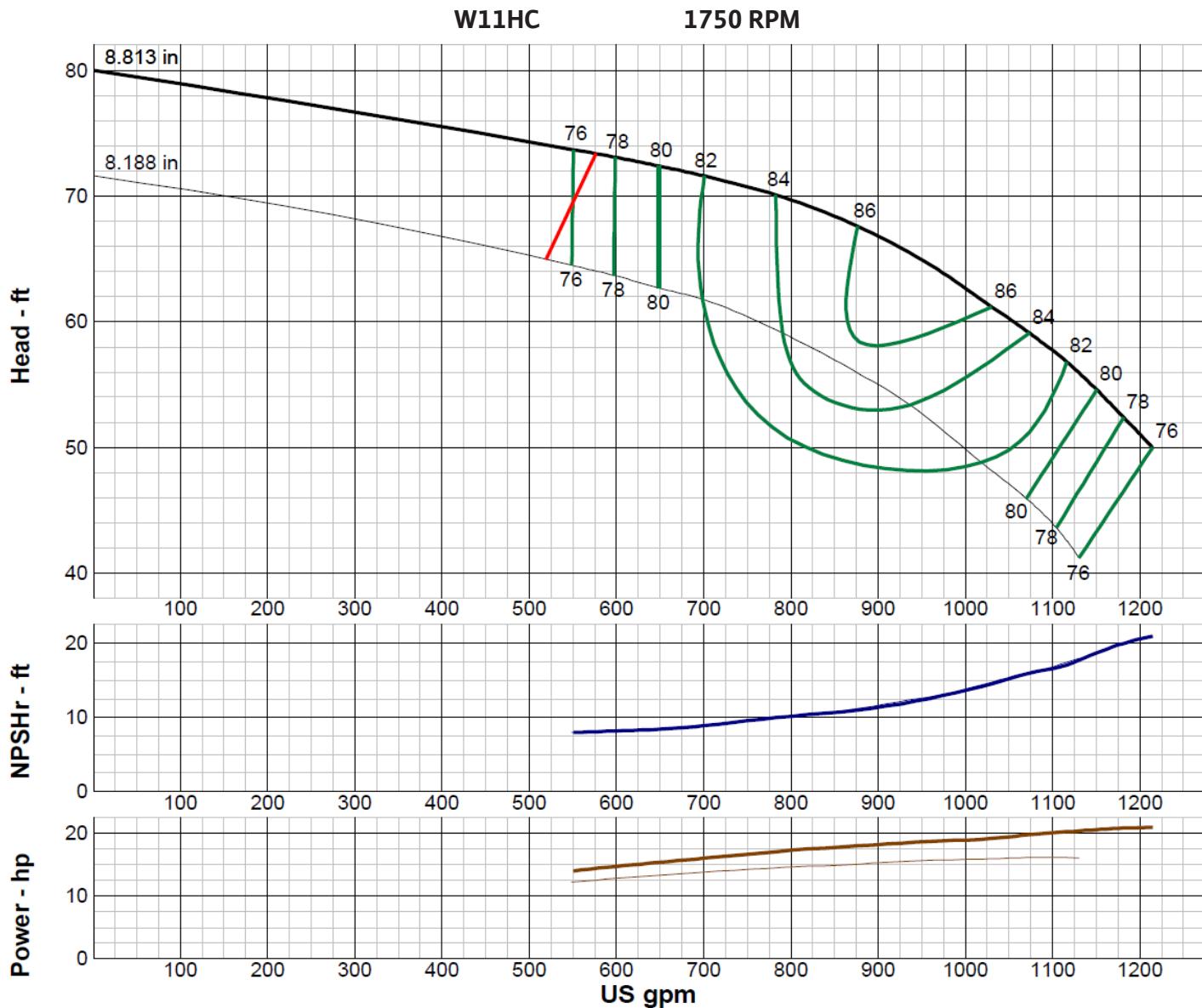
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-2	-1	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0185
TYPE	ENCLOSED
THRUST FACTOR	K=7.40
EYE AREA	17.7 SQ. IN.
WEIGHT	15.50 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0201
BOWL MAX. DIAMETER	11.188 IN.
BOWL MIN. DIAMETER	11.000 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	235 LB.
ADD STAGE WEIGHT	105 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-2
BOWL MATERIAL:	-2	-1	-1	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

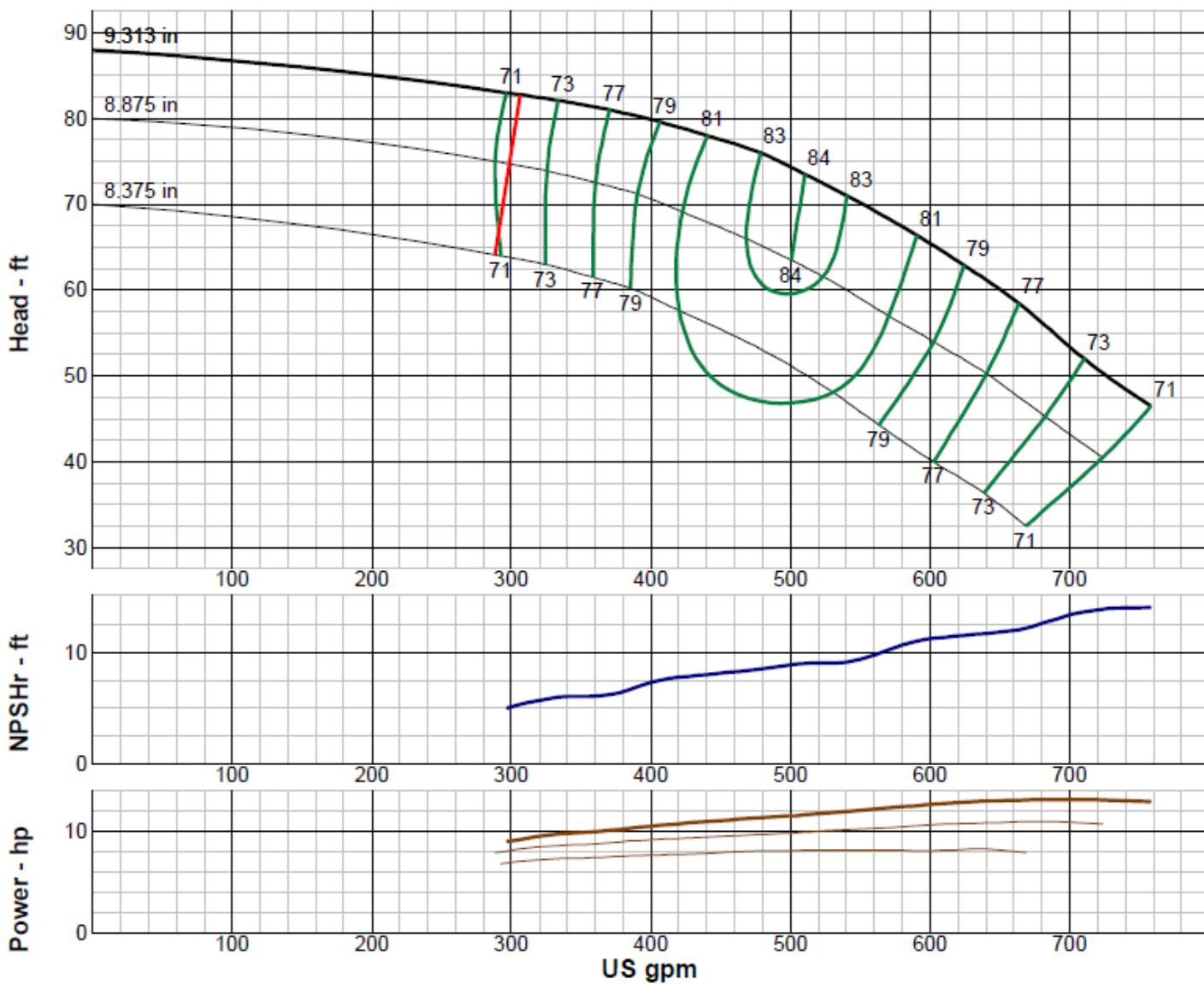
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W12DC

1750 RPM



IMPELLER NUMBER	2995
TYPE	ENCLOSED
THRUST FACTOR	K=5.13
EYE AREA	15.9 SQ. IN.
WEIGHT	14.25 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

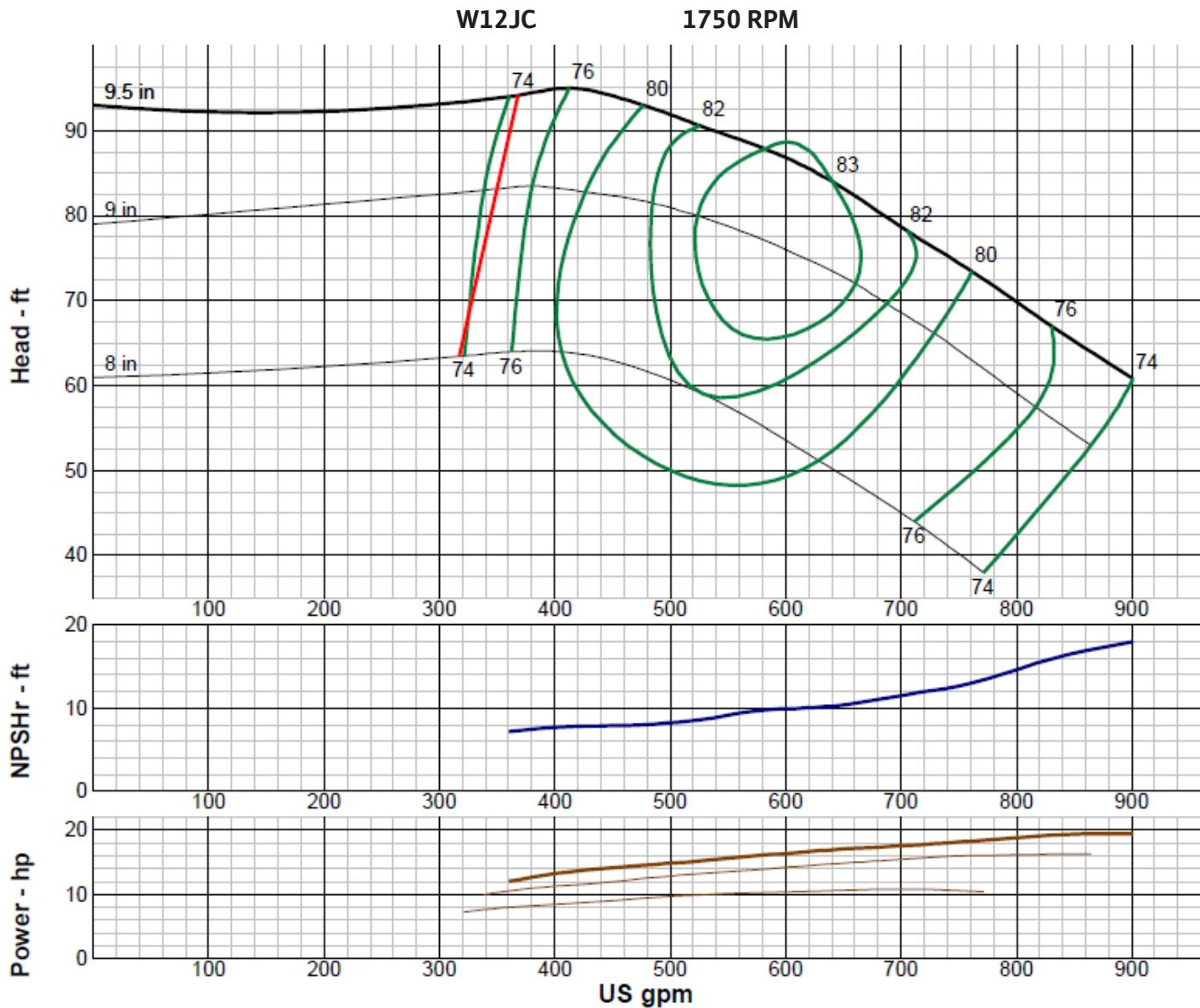
FLANGED BOWL DATA	
BOWL NUMBER	2993
BOWL MAX. DIAMETER	11.688 IN.
BOWL MIN. DIAMETER	11.563 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.625
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



## IMPELLER DATA

IMPELLER NUMBER	2990
TYPE	ENCLOSED
THRUST FACTOR	K=6.60
EYE AREA	15.9 SQ. IN.
WEIGHT	14.50 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

## FLANGED BOWL DATA

BOWL NUMBER	2993
BOWL MAX. DIAMETER	11.688 IN.
BOWL MIN. DIAMETER	11.563 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.625
DISCHARGE SIZE	6 - 8 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	6 - 8 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

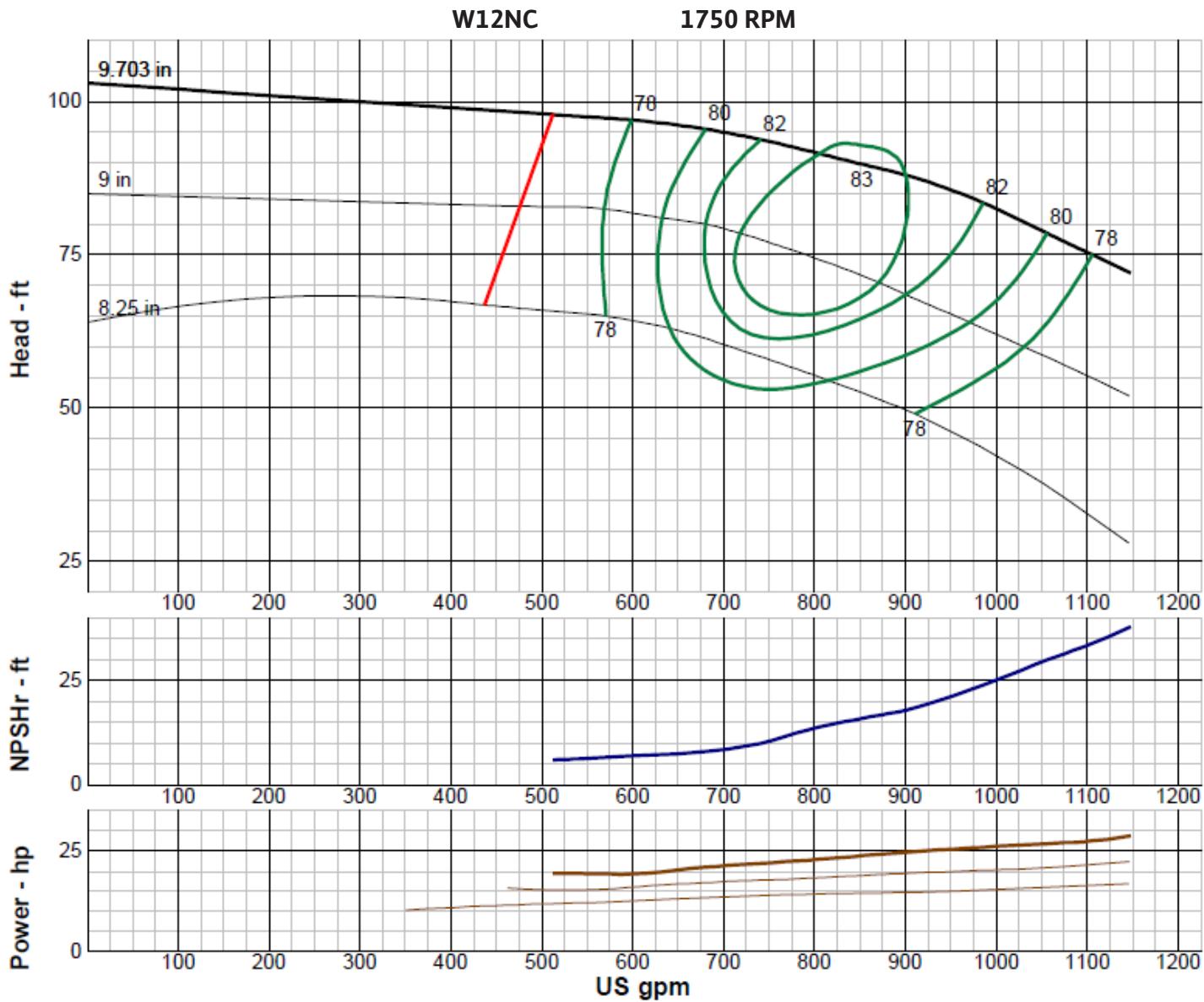
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0704
TYPE	ENCLOSED
THRUST FACTOR	K=4.40
EYE AREA	14.1 SQ. IN.
WEIGHT	12.50 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0902
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	245 LB.
ADD STAGE WEIGHT	102 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.625
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	515 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

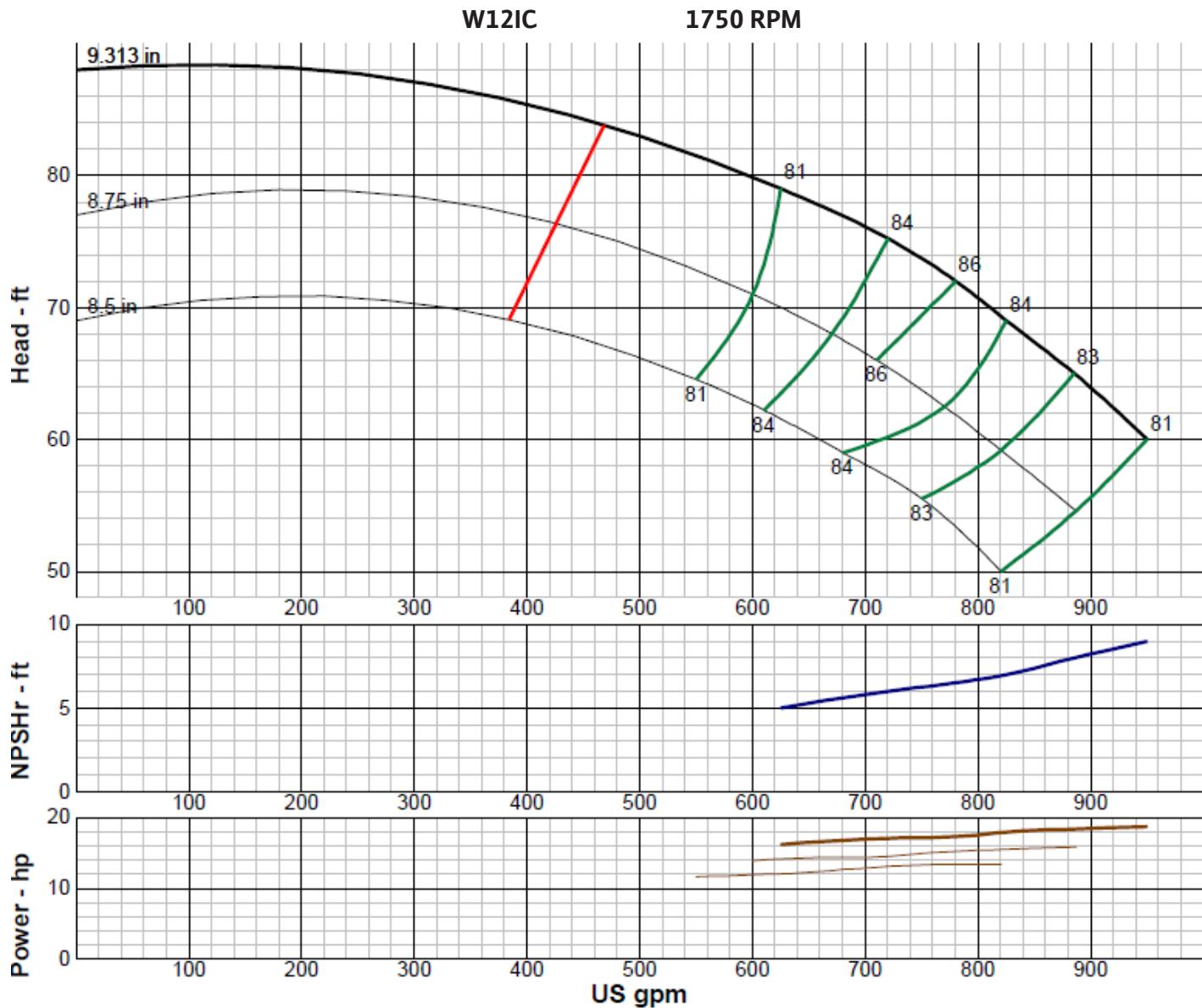
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	2996
TYPE	ENCLOSED
THRUST FACTOR	K=6.75
EYE AREA	18.1 SQ. IN.
WEIGHT	15.00 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2994
BOWL MAX. DIAMETER	12.000 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.625
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

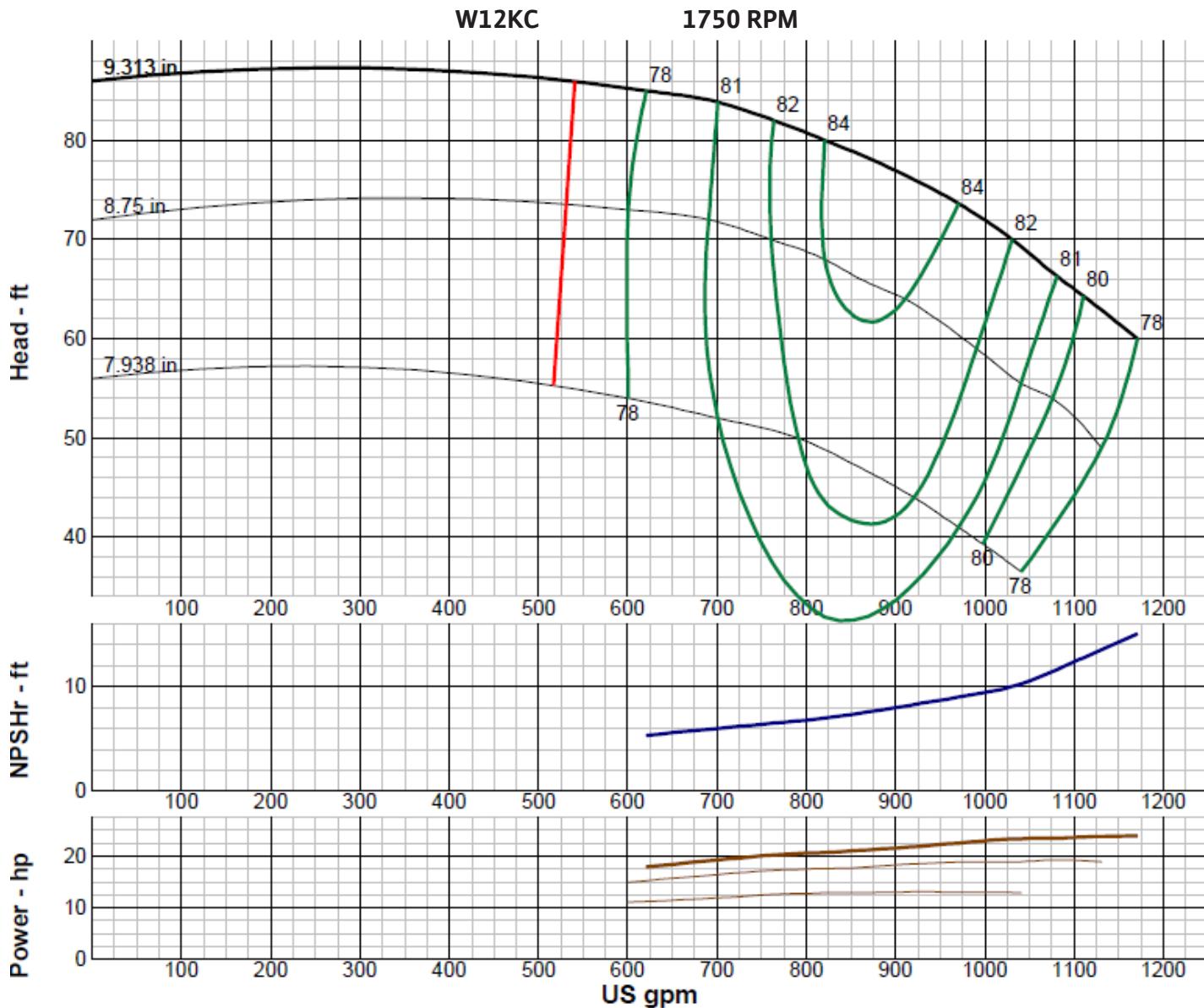
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	2991
TYPE	ENCLOSED
THRUST FACTOR	K=6.50
EYE AREA	18.1 SQ. IN.
WEIGHT	16.00 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2994
BOWL MAX. DIAMETER	12.000 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.625
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

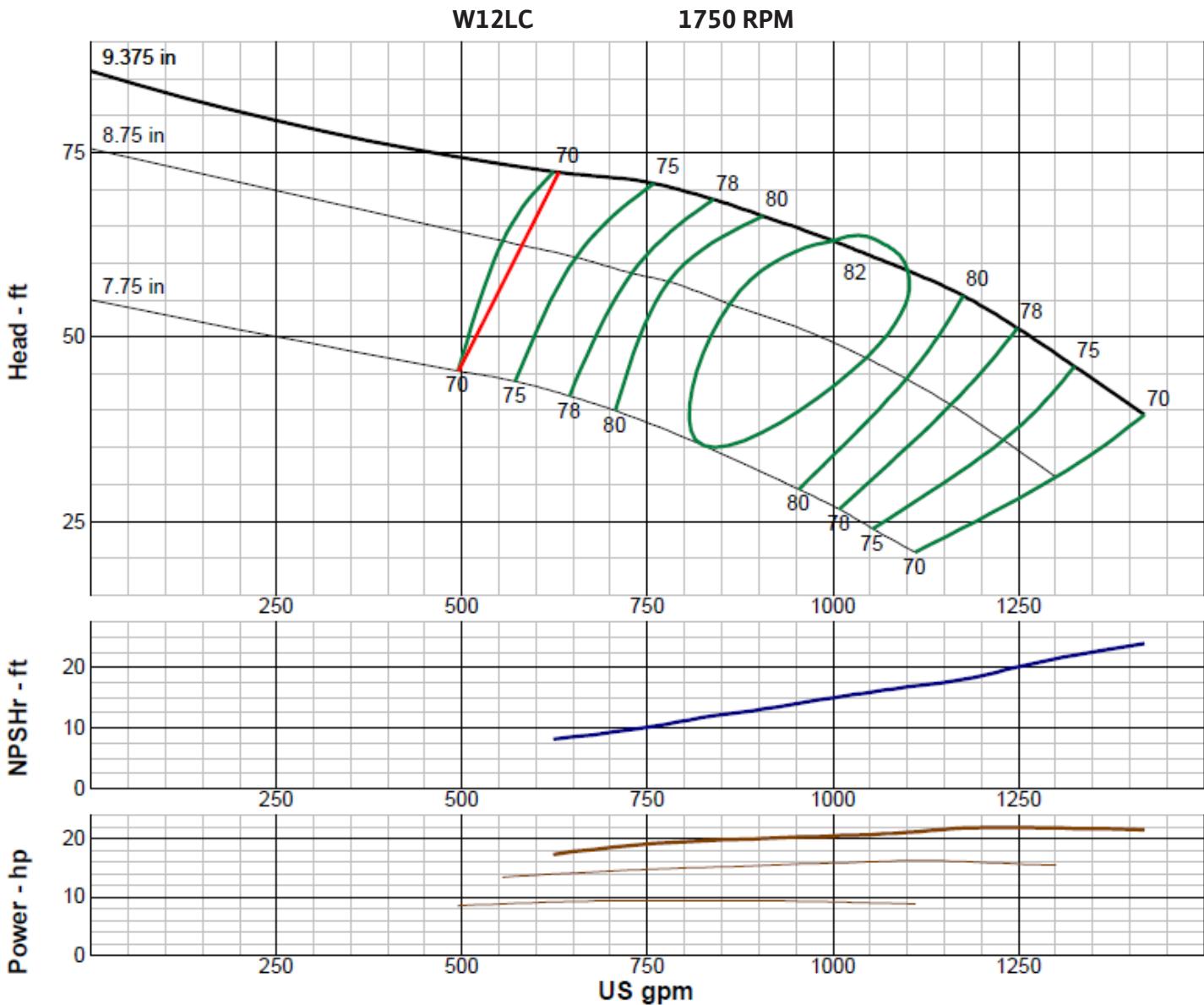
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3778
TYPE	ENCLOSED
THRUST FACTOR	K=10.60
EYE AREA	20.1 SQ. IN.
WEIGHT	15.50 LB.

FLANGED BOWL DATA	
BOWL NUMBER	2952
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.875
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

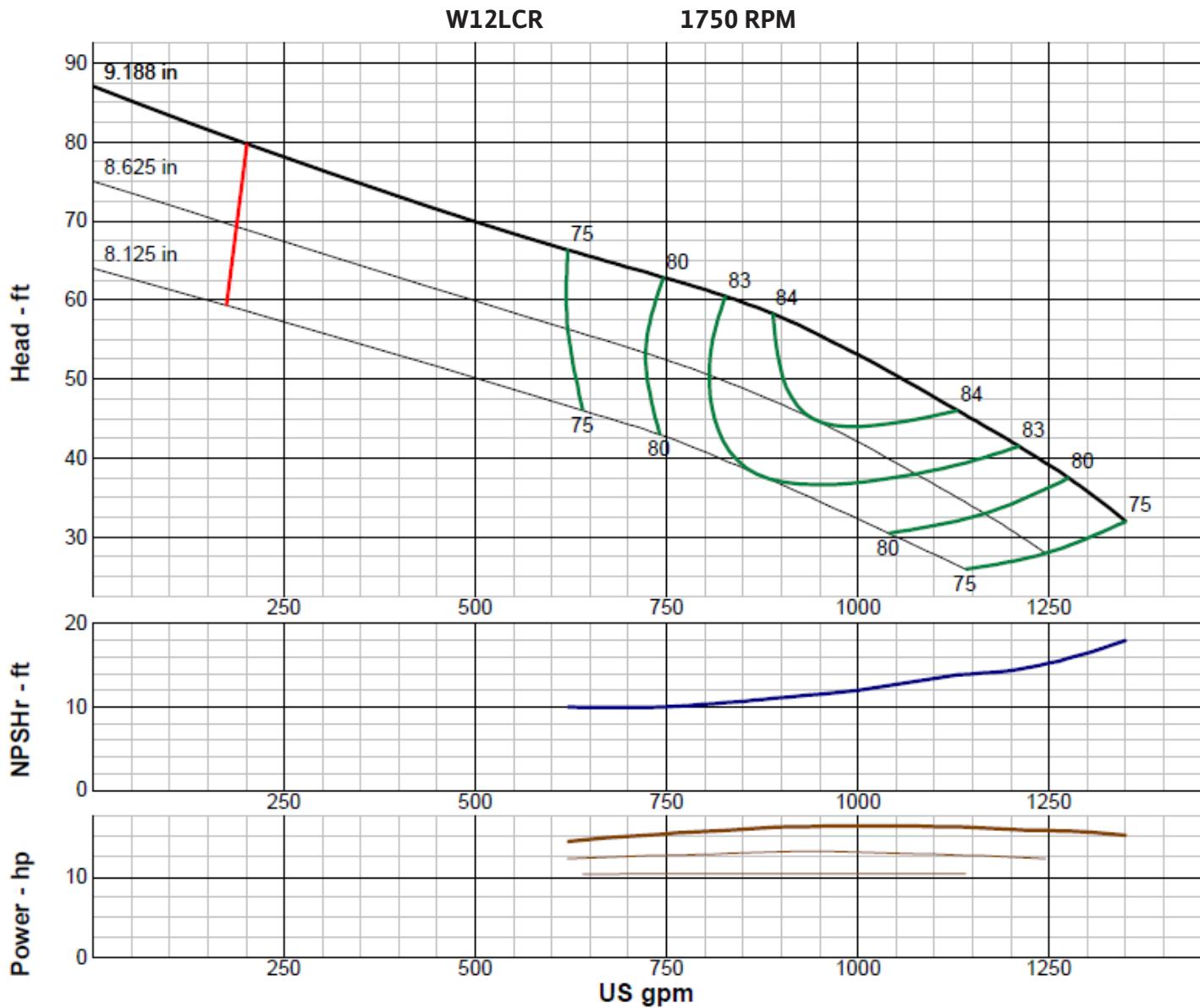
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	0256
TYPE	ENCLOSED
THRUST FACTOR	K=9.4
EYE AREA	25.5 SQ. IN.
WEIGHT	LB.

Minimum submergence above eye of bottom impeller: 22 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0255
BOWL MAX. DIAMETER	11.438 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	410 LB.
ADD STAGE WEIGHT	145 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.813
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

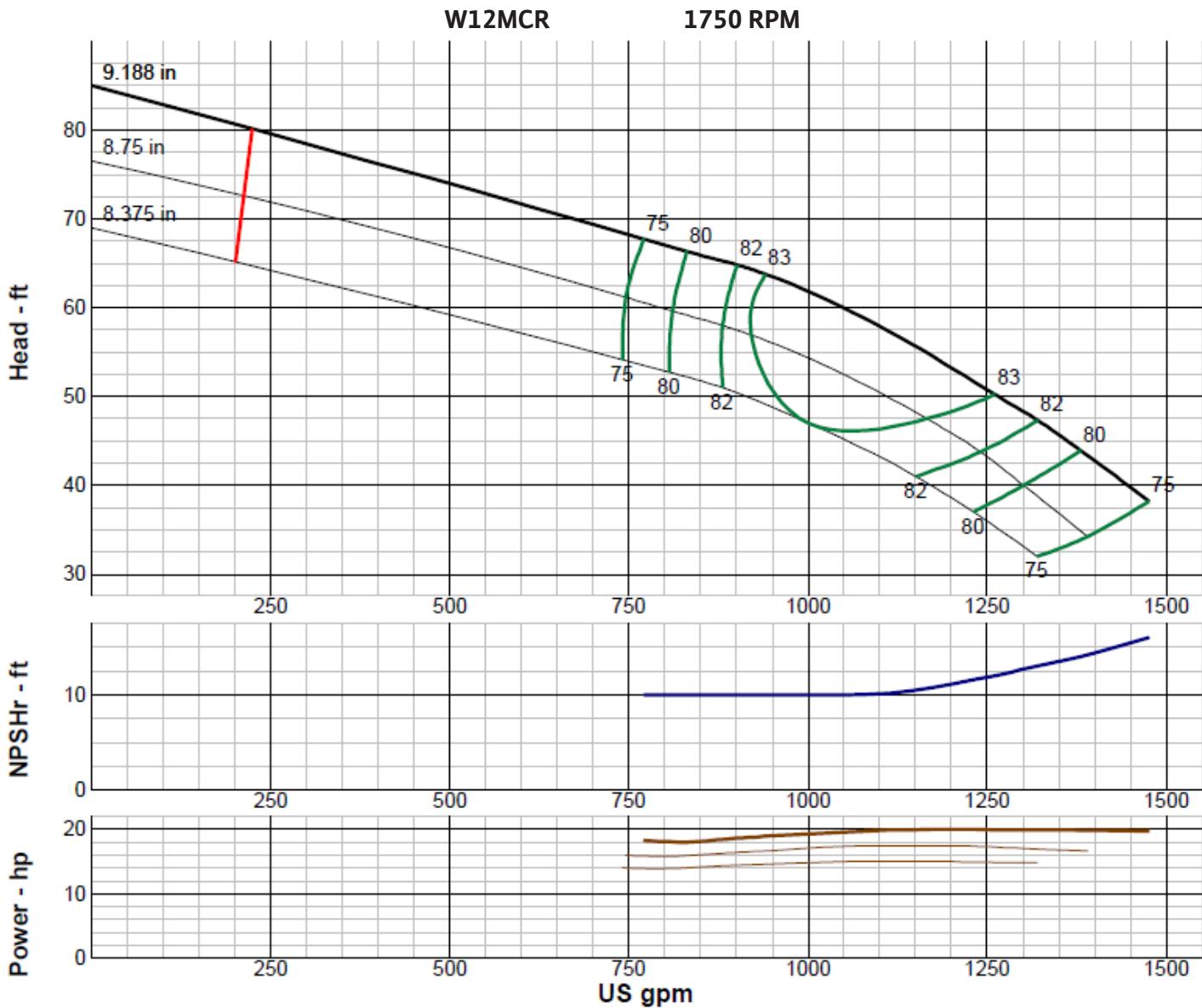
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



#### IMPELLER DATA

IMPELLER NUMBER	0256
TYPE	ENCLOSED
THRUST FACTOR	K=9.4
EYE AREA	23.2 SQ. IN.
WEIGHT	19 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

#### FLANGED BOWL DATA

BOWL NUMBER	0255
BOWL MAX. DIAMETER	11.438 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	410 LB.
ADD STAGE WEIGHT	145 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.813
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

#### EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	

CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.

#### PUMP MATERIAL EFFICIENCY CORRECTION

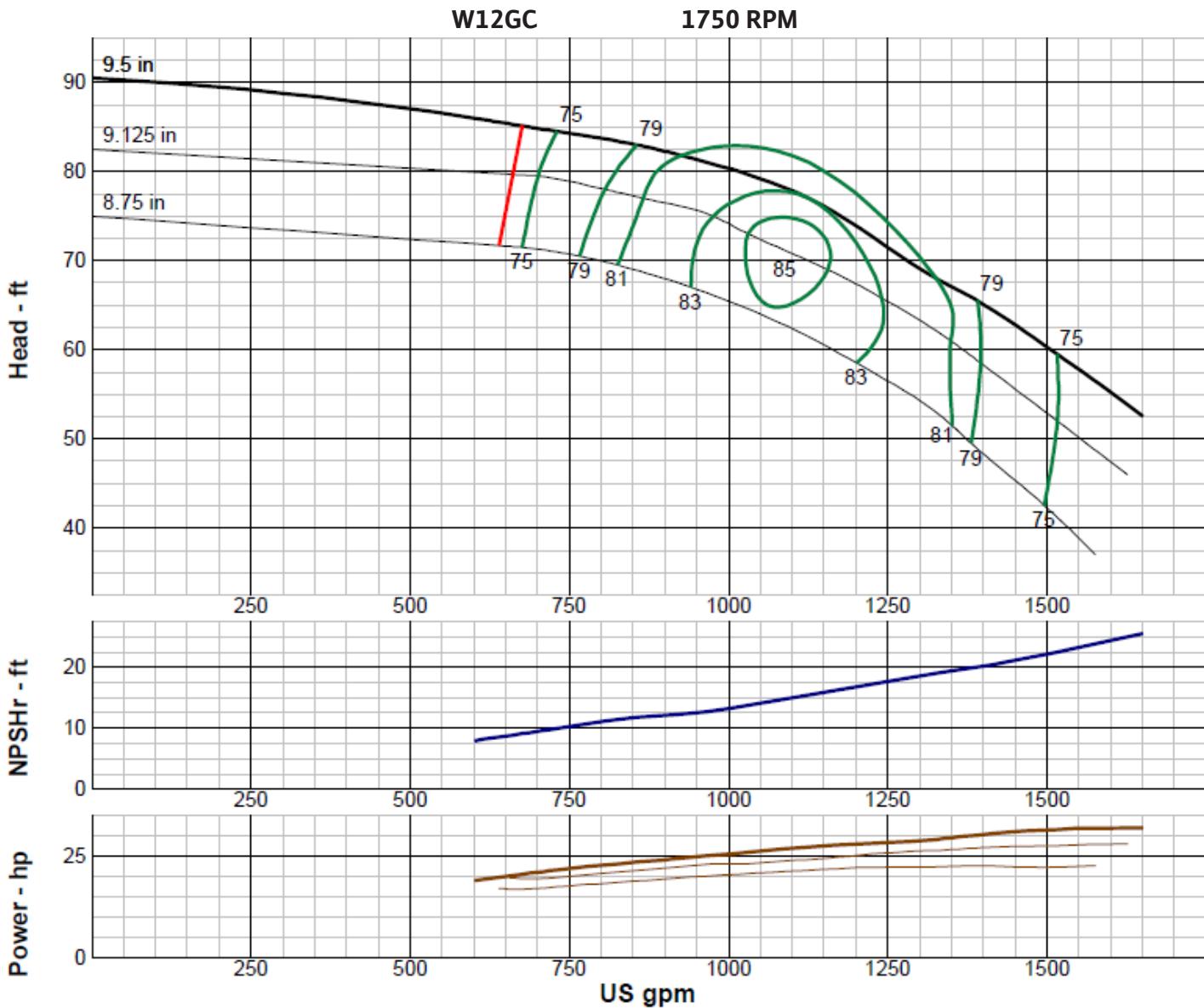
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

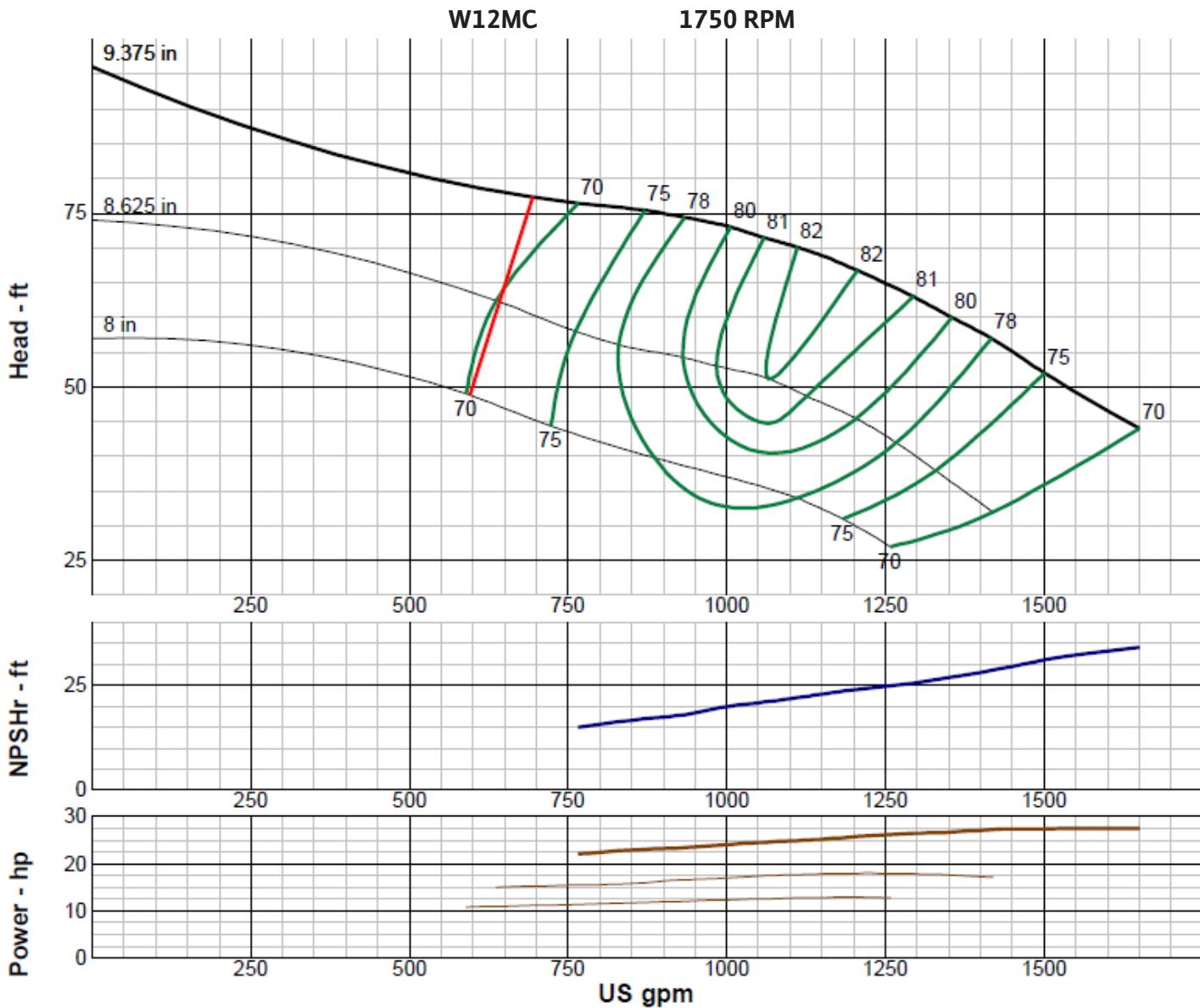
wilo®



# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	2951
TYPE	ENCLOSED
THRUST FACTOR	K=10.60
EYE AREA	20.1 SQ. IN.
WEIGHT	15.00 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2952
BOWL MAX. DIAMETER	12.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

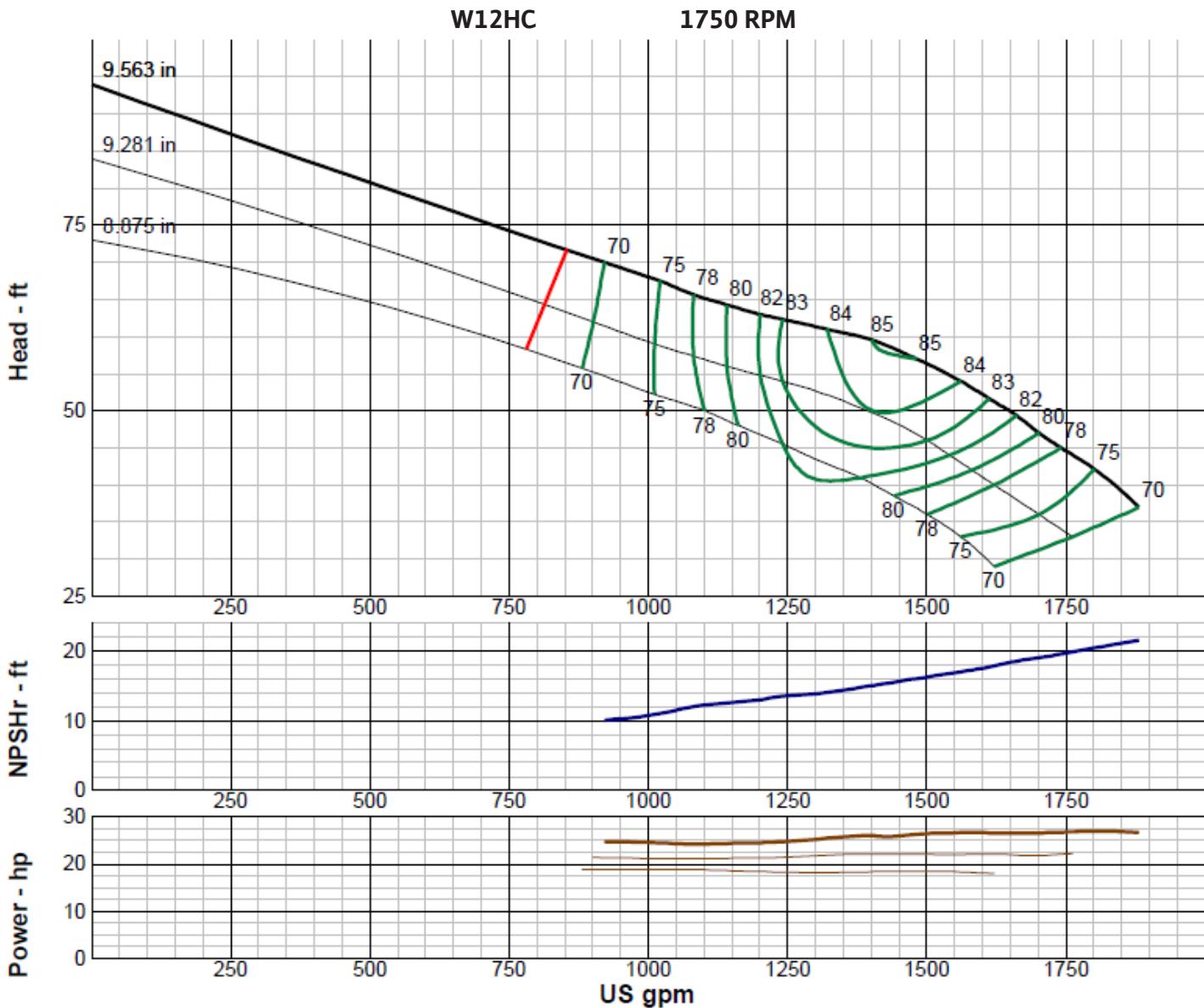
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	2914
TYPE	ENCLOSED
THRUST FACTOR	K=16.50
EYE AREA	32.4 SQ. IN.
WEIGHT	11.50 LB.

Minimum submergence above eye of bottom impeller: 26 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2915
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

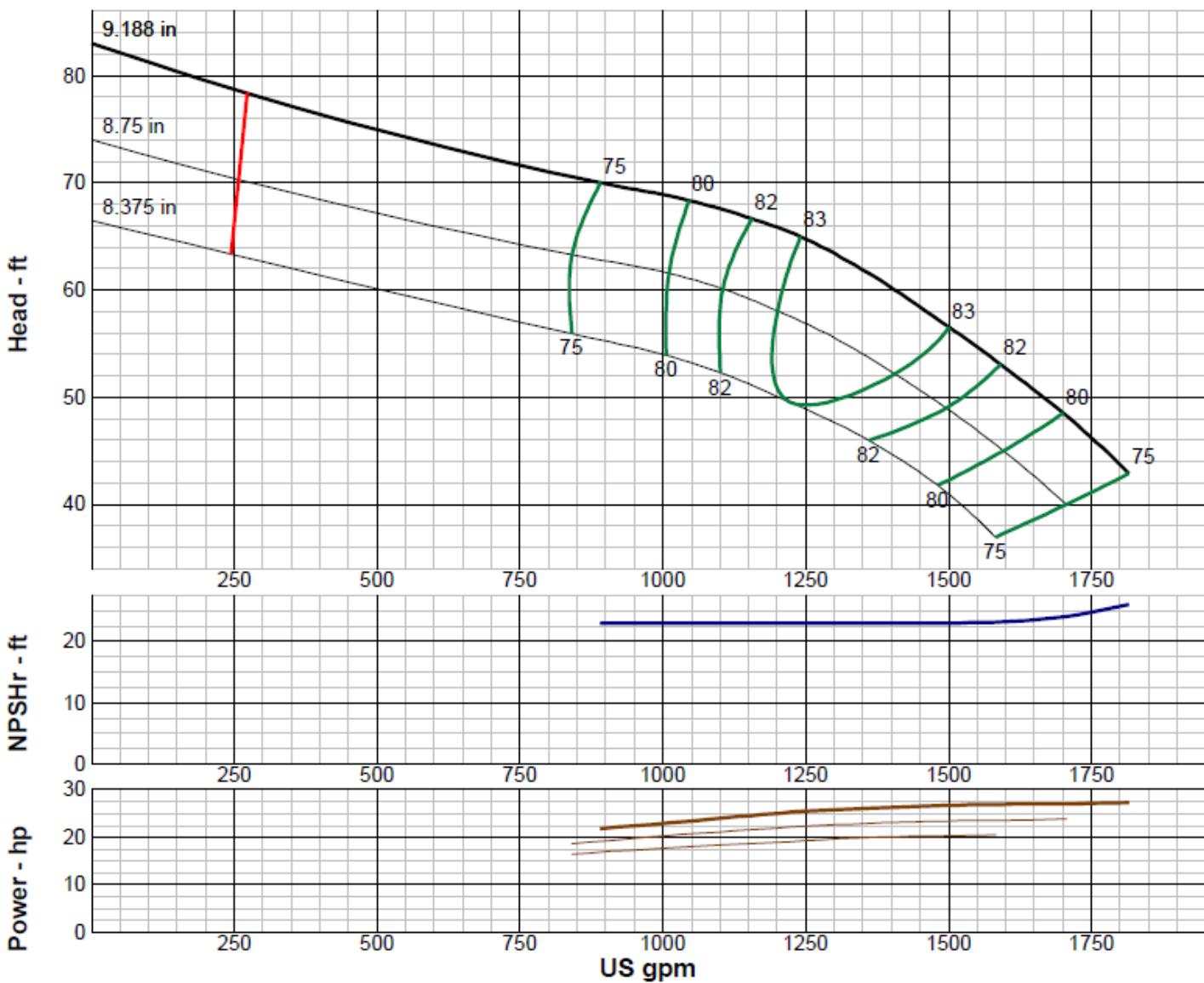
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W12HCR

1750 RPM



#### IMPELLER DATA

IMPELLER NUMBER	0256
TYPE	ENCLOSED
THRUST FACTOR	K=23.22
EYE AREA	SQ. IN.
WEIGHT	17 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

#### FLANGED BOWL DATA

BOWL NUMBER	0255
BOWL MAX. DIAMETER	11.438 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	11
ONE STAGE WEIGHT	410 LB.
ADD STAGE WEIGHT	145 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.813
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

#### EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

#### PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

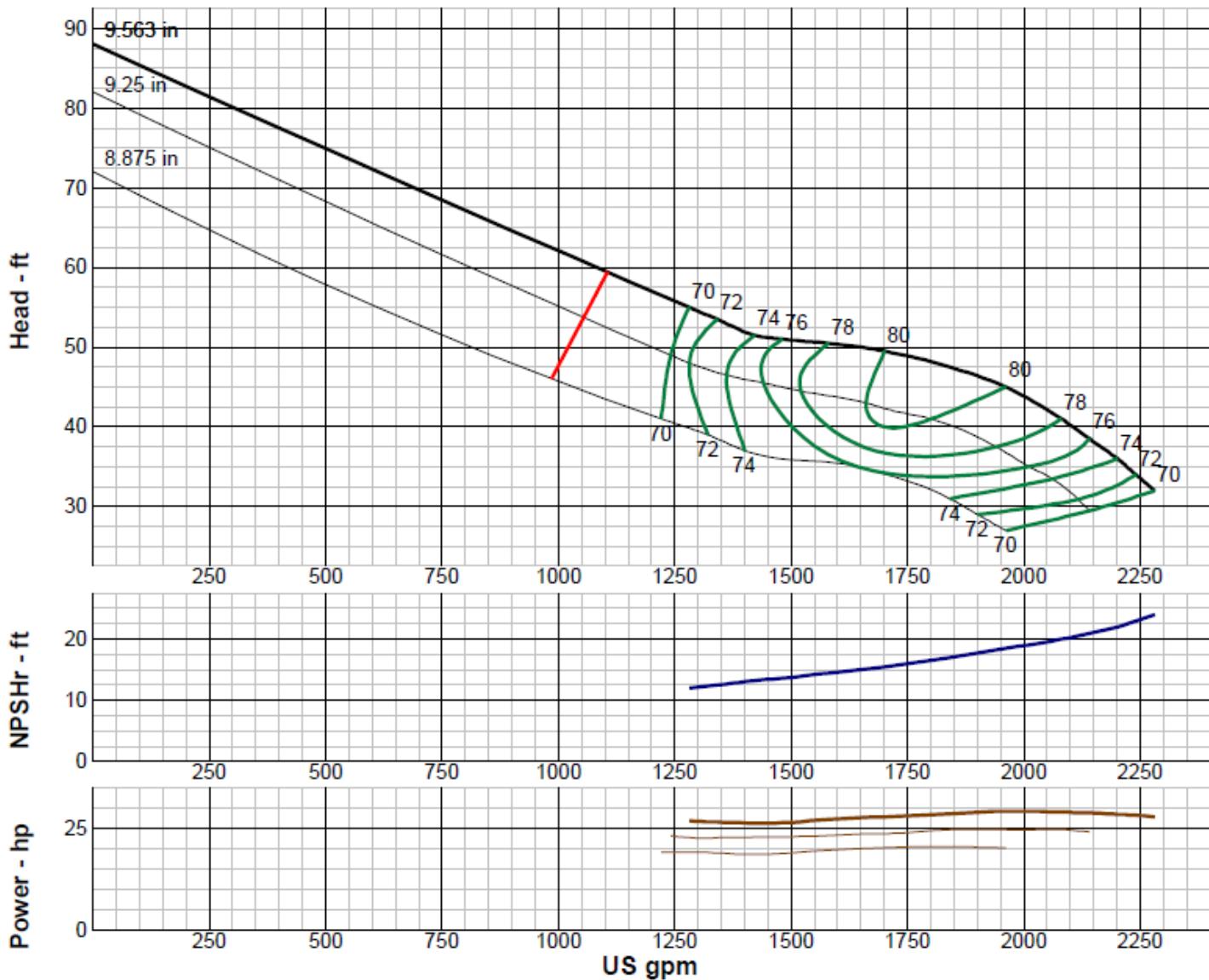
## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®

**W12XC**

**1750 RPM**



IMPELLER DATA	
IMPELLER NUMBER	3360
TYPE	ENCLOSED
THRUST FACTOR	K=18.20
EYE AREA	36.6 SQ. IN.
WEIGHT	15.25 LB.

FLANGED BOWL DATA	
BOWL NUMBER	3361
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.875
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.000 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

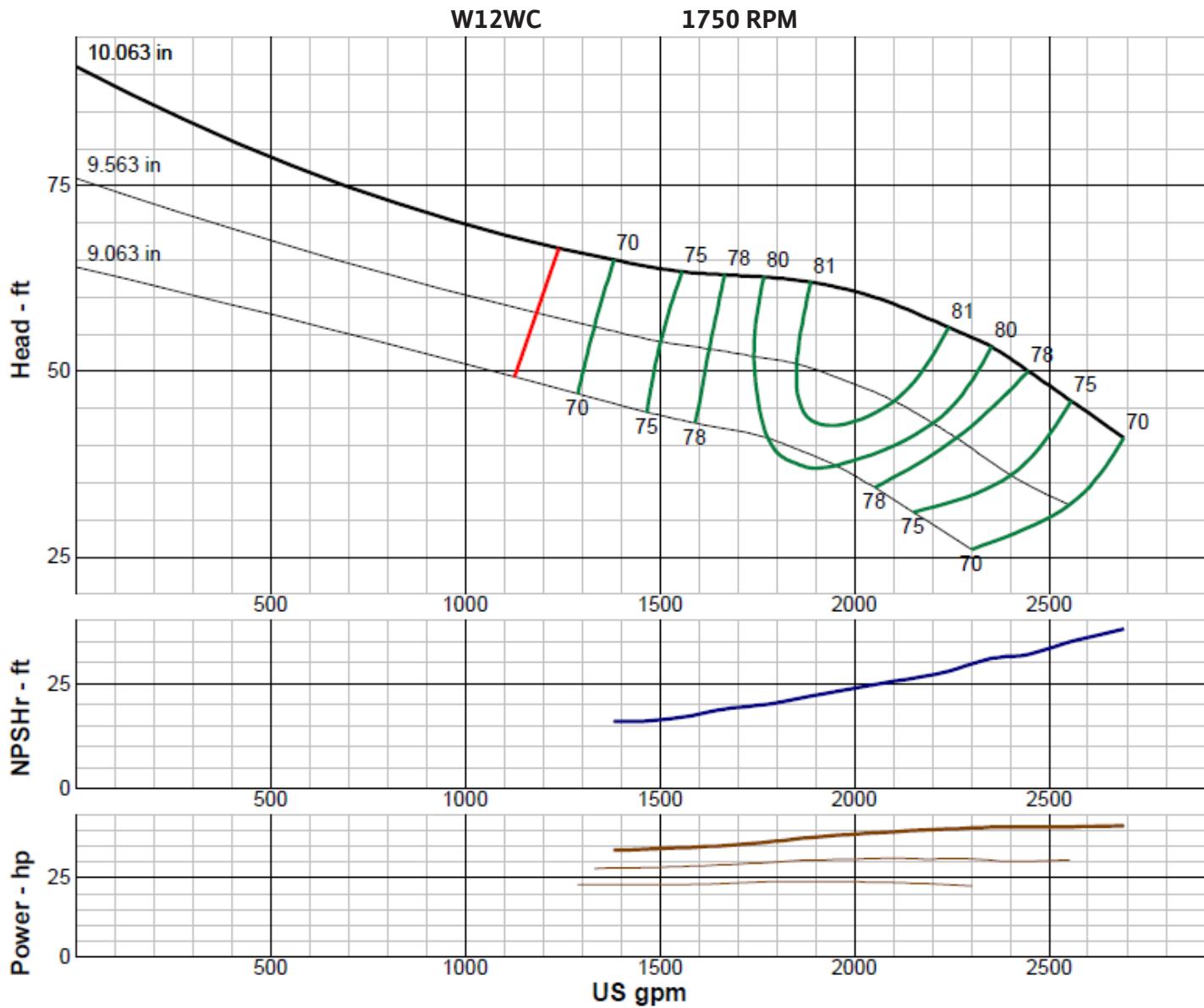
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	4777
TYPE	ENCLOSED
THRUST FACTOR	K=29.7
EYE AREA	36.6 SQ. IN.
WEIGHT	21.00 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	4771
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.750
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.375 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

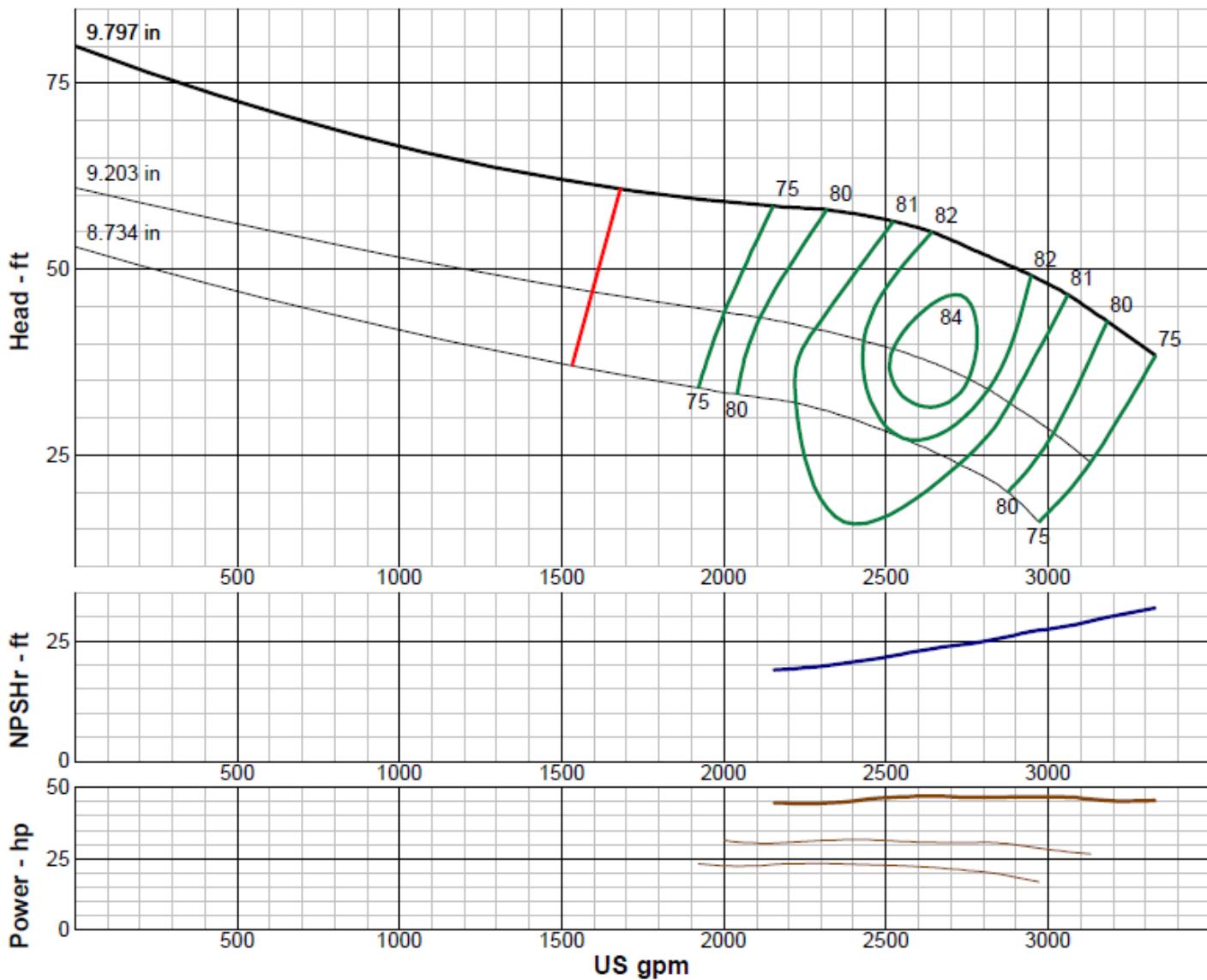
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W12YC

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	4778
TYPE	ENCLOSED
THRUST FACTOR	K=14.20
EYE AREA	38.0 SQ. IN.
WEIGHT	19.00 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

## FLANGED BOWL DATA

BOWL NUMBER	4772
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.875
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.500 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

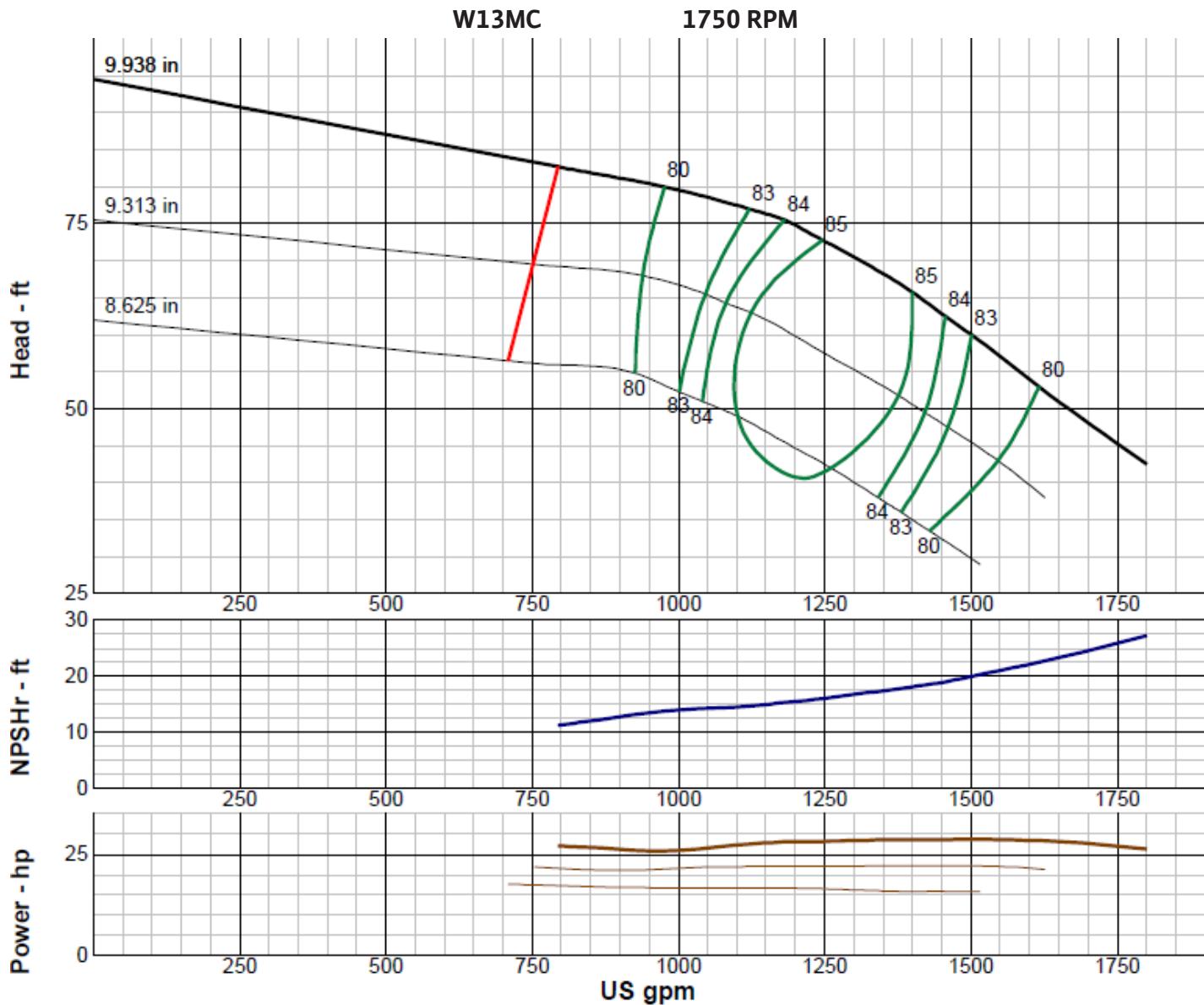
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-2
BOWL MATERIAL:	-2	-1	-2	-3

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	2999
TYPE	ENCLOSED
THRUST FACTOR	K=7.90
EYE AREA	23.4 SQ. IN.
WEIGHT	14.70 LB.

Minimum submergence above eye of bottom impeller: 24 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2998
BOWL MAX. DIAMETER	12.500 IN.
BOWL MIN. DIAMETER	11.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	240 LB.
ADD STAGE WEIGHT	115 LB.
STD. SHAFT DIA.	1.688
STD. LATERAL	0.813
DISCHARGE SIZE	8 - 10 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	8 - 10 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	0.750 IN
MAX. OPERATIONAL P.S.I.	584 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	-4	-3	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-1	-3

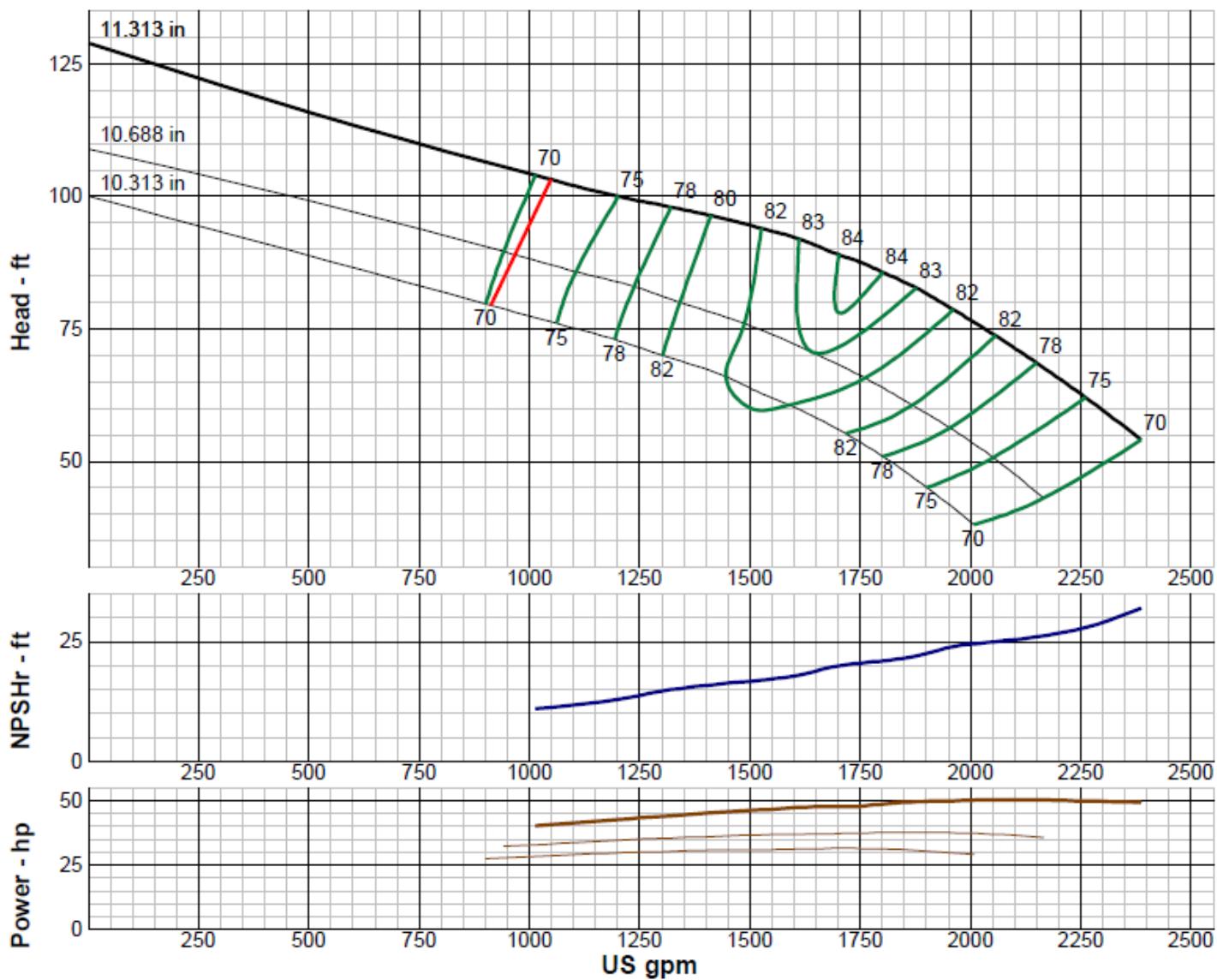
Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W14LC 1750 RPM

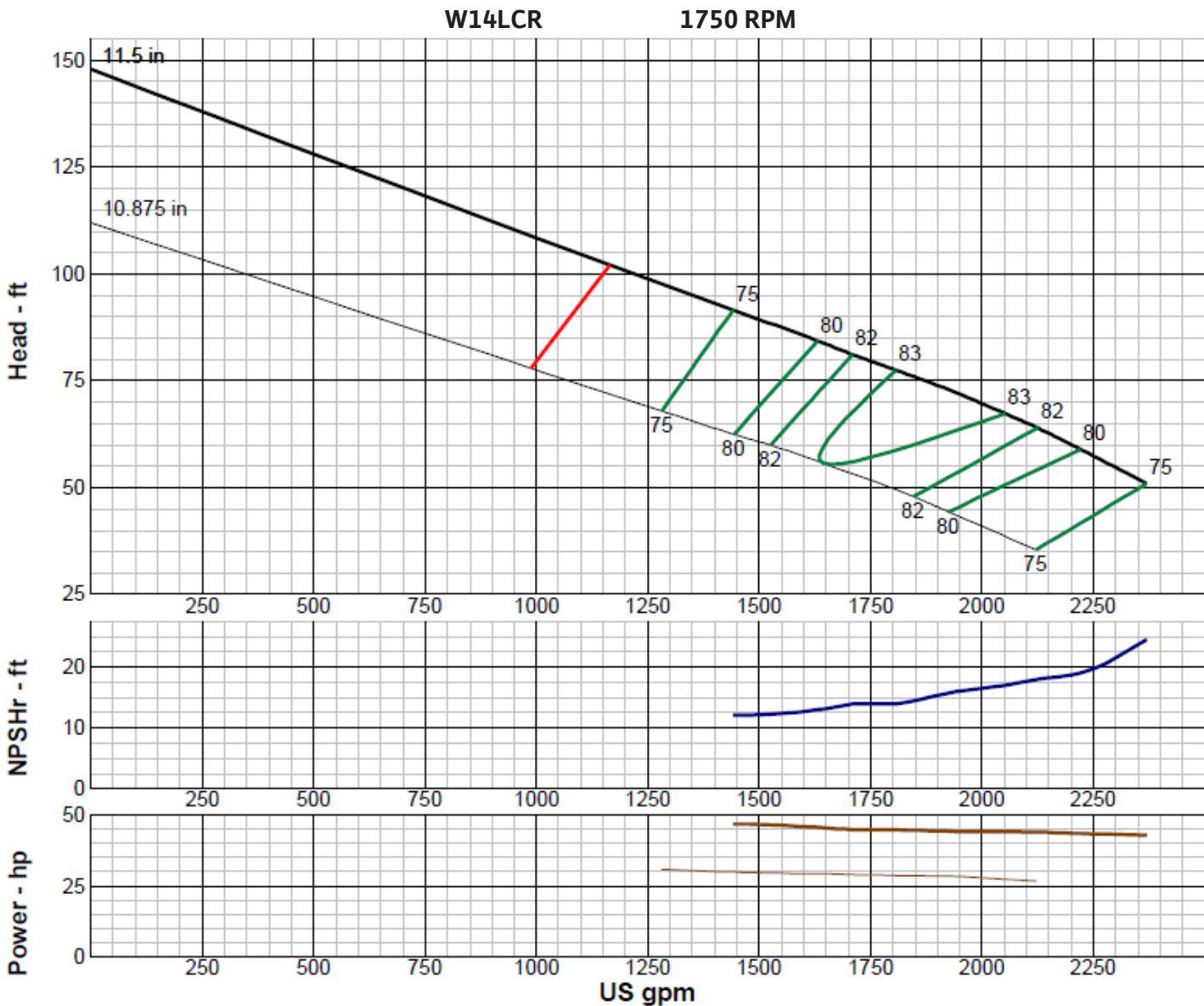


Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	0098
TYPE	ENCLOSED
THRUST FACTOR	K=15.50
EYE AREA	37.8 SQ. IN.
WEIGHT	26 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188
STD. LATERAL	0.813
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

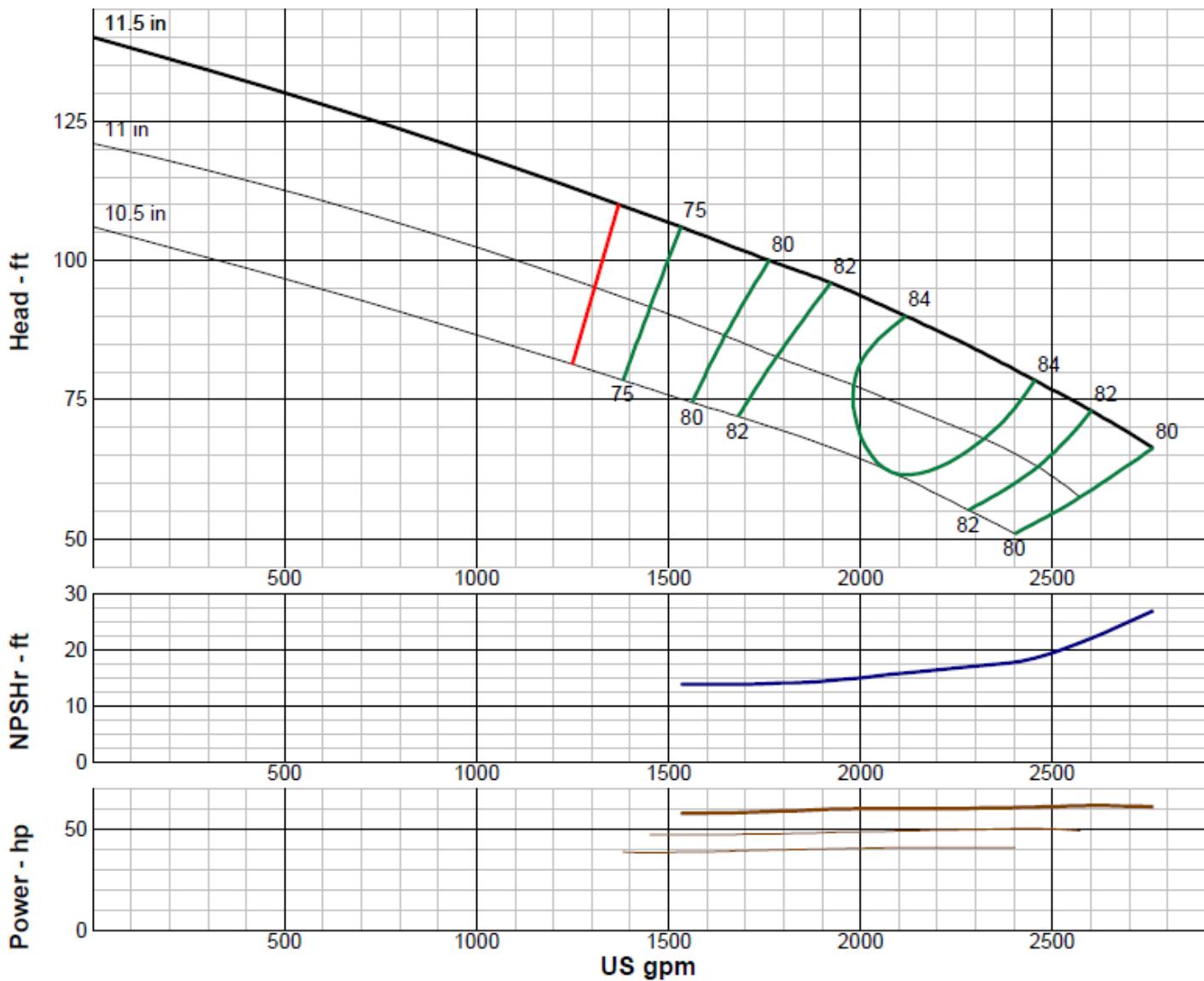
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W14MCR

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	0101
TYPE	ENCLOSED
THRUST FACTOR	K=15.50
EYE AREA	37.8 SQ. IN.
WEIGHT	26 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

## FLANGED BOWL DATA

BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	16
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188
STD. LATERAL	0.813
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

## PUMP MATERIAL EFFICIENCY CORRECTION

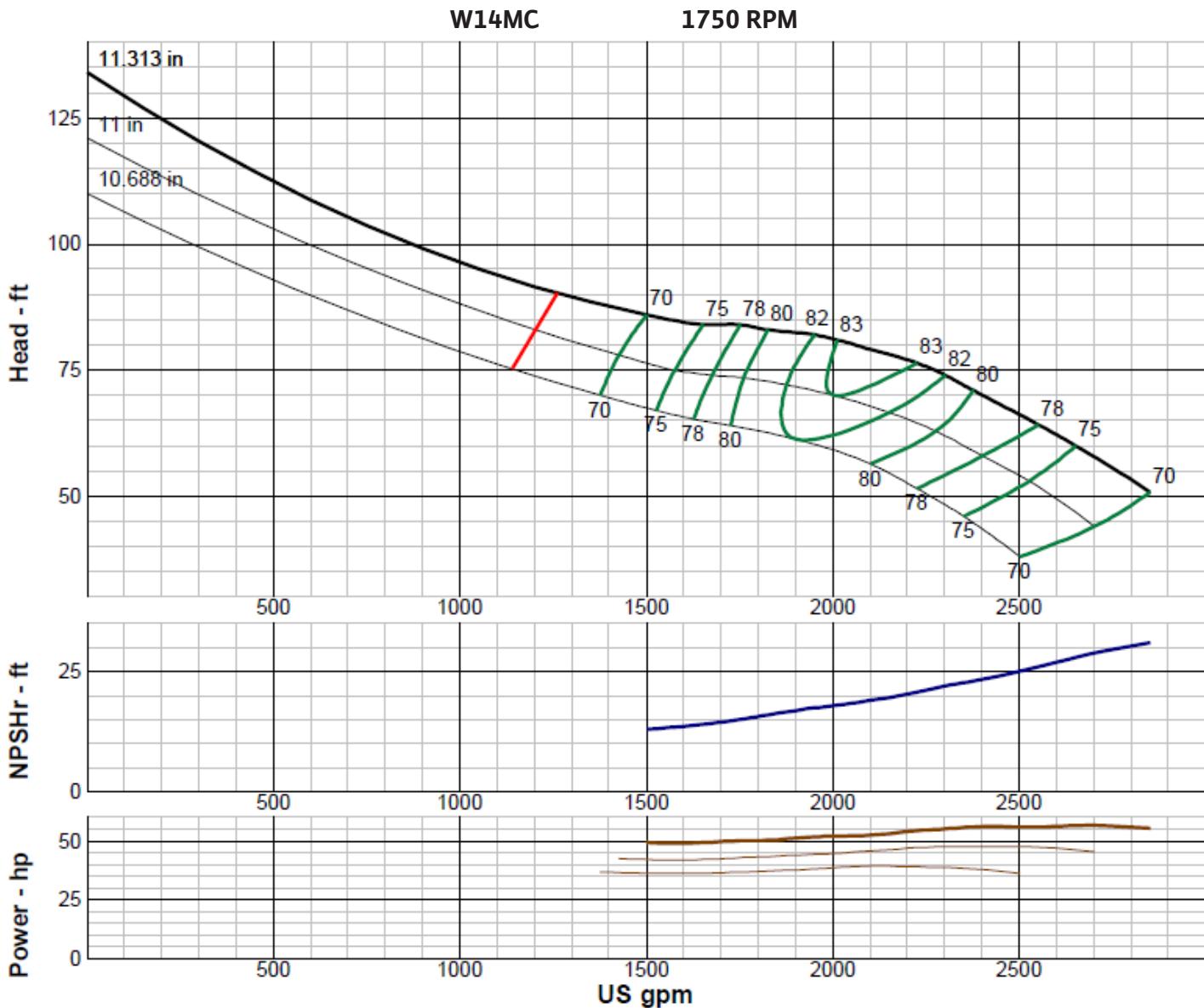
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	3065
TYPE	ENCLOSED
THRUST FACTOR	K=21.80
EYE AREA	40.9 SQ. IN.
WEIGHT	28 LB.

Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.875
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

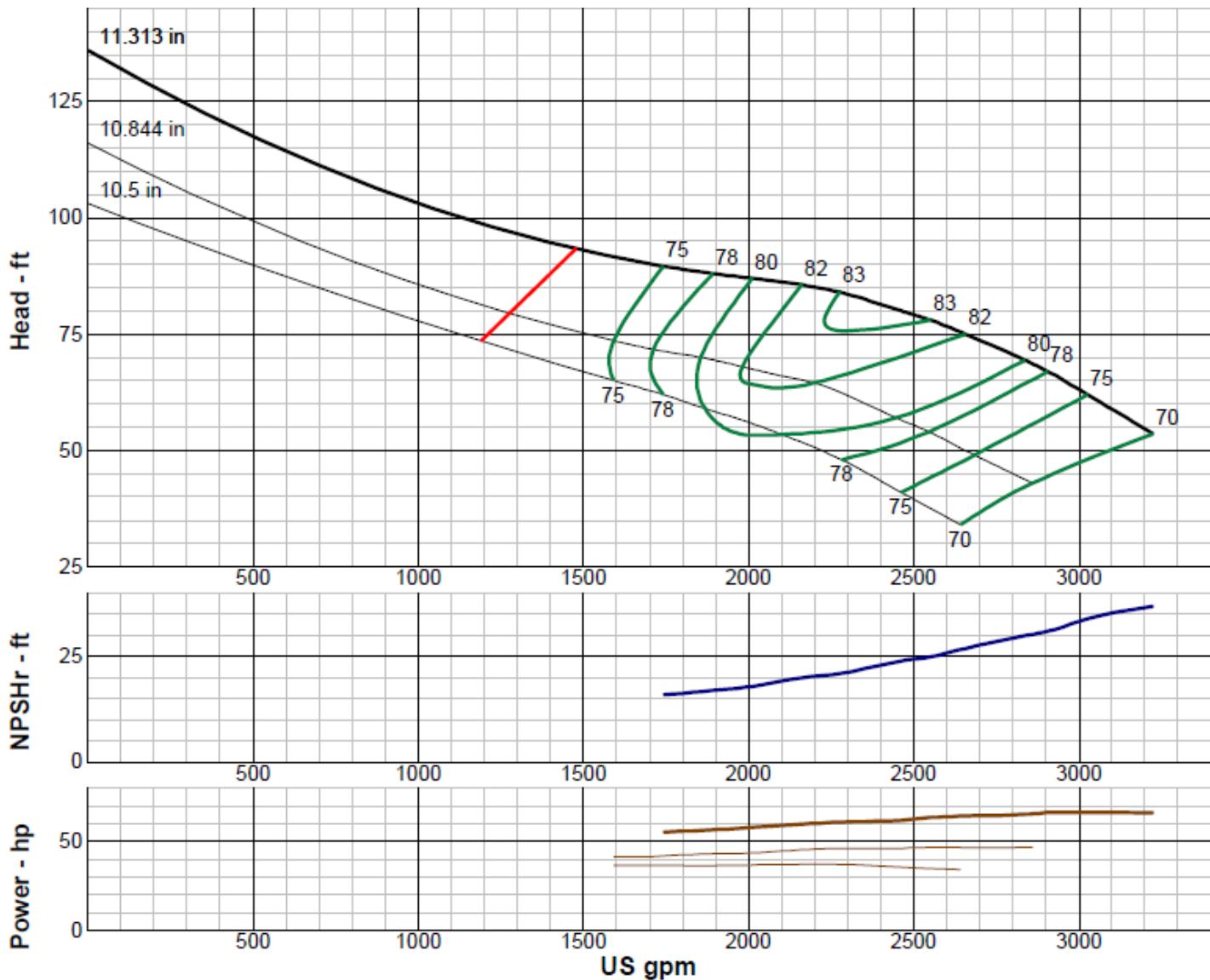
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W14HC

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	3029
TYPE	ENCLOSED
THRUST FACTOR	K=21.80
EYE AREA	40.9 SQ. IN.
WEIGHT	30.25 LB.

Minimum submergence above eye of bottom impeller: 32 IN.

## FLANGED BOWL DATA

BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.875
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

## PUMP MATERIAL EFFICIENCY CORRECTION

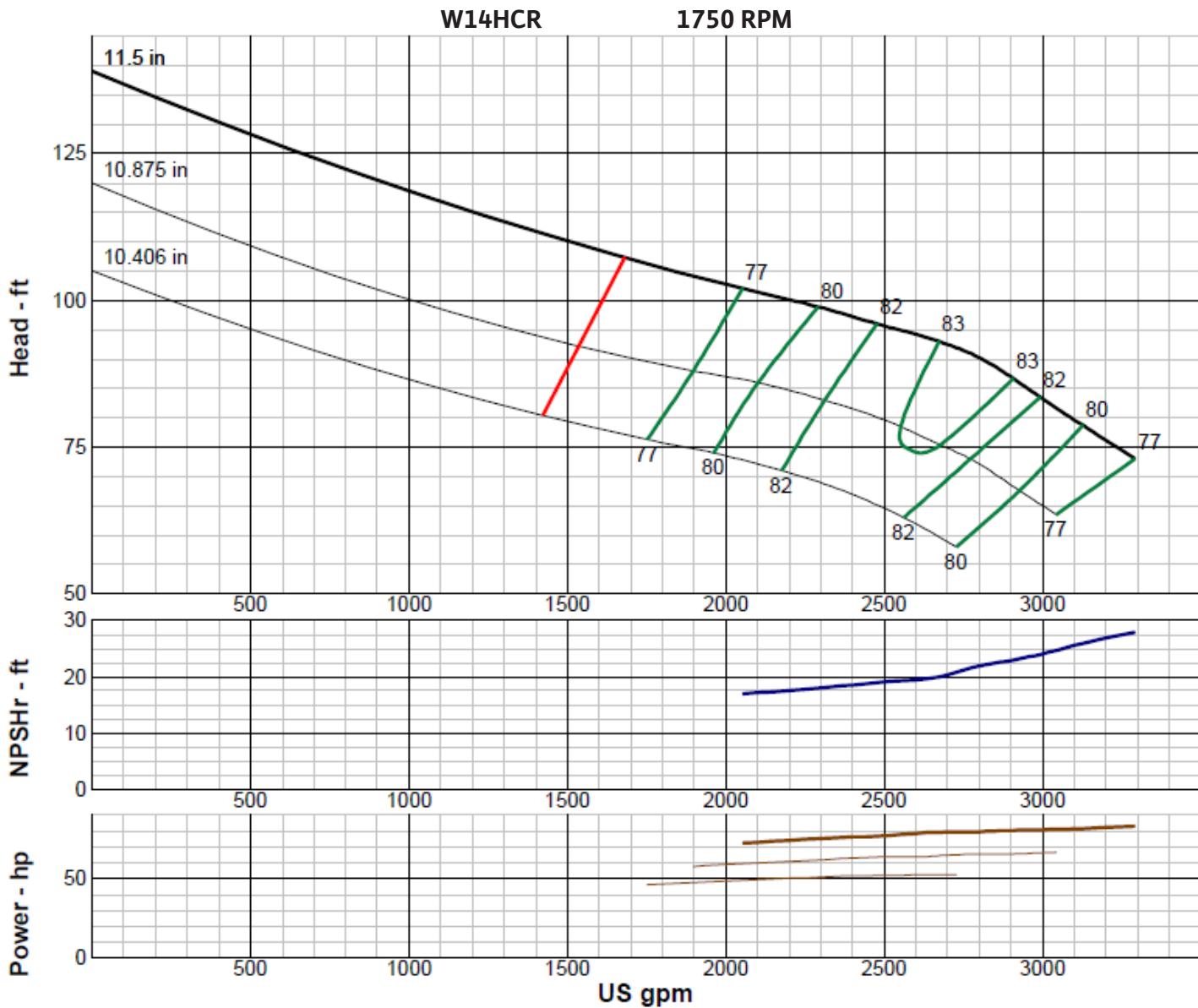
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0103
TYPE	ENCLOSED
THRUST FACTOR	K=15.50
EYE AREA	37.8 SQ. IN.
WEIGHT	26.00 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	5447
BOWL MAX. DIAMETER	14.250 IN.
BOWL MIN. DIAMETER	14.125 IN.
MAX. NO. STAGES	18
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188
STD. LATERAL	0.813
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-4	-2	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

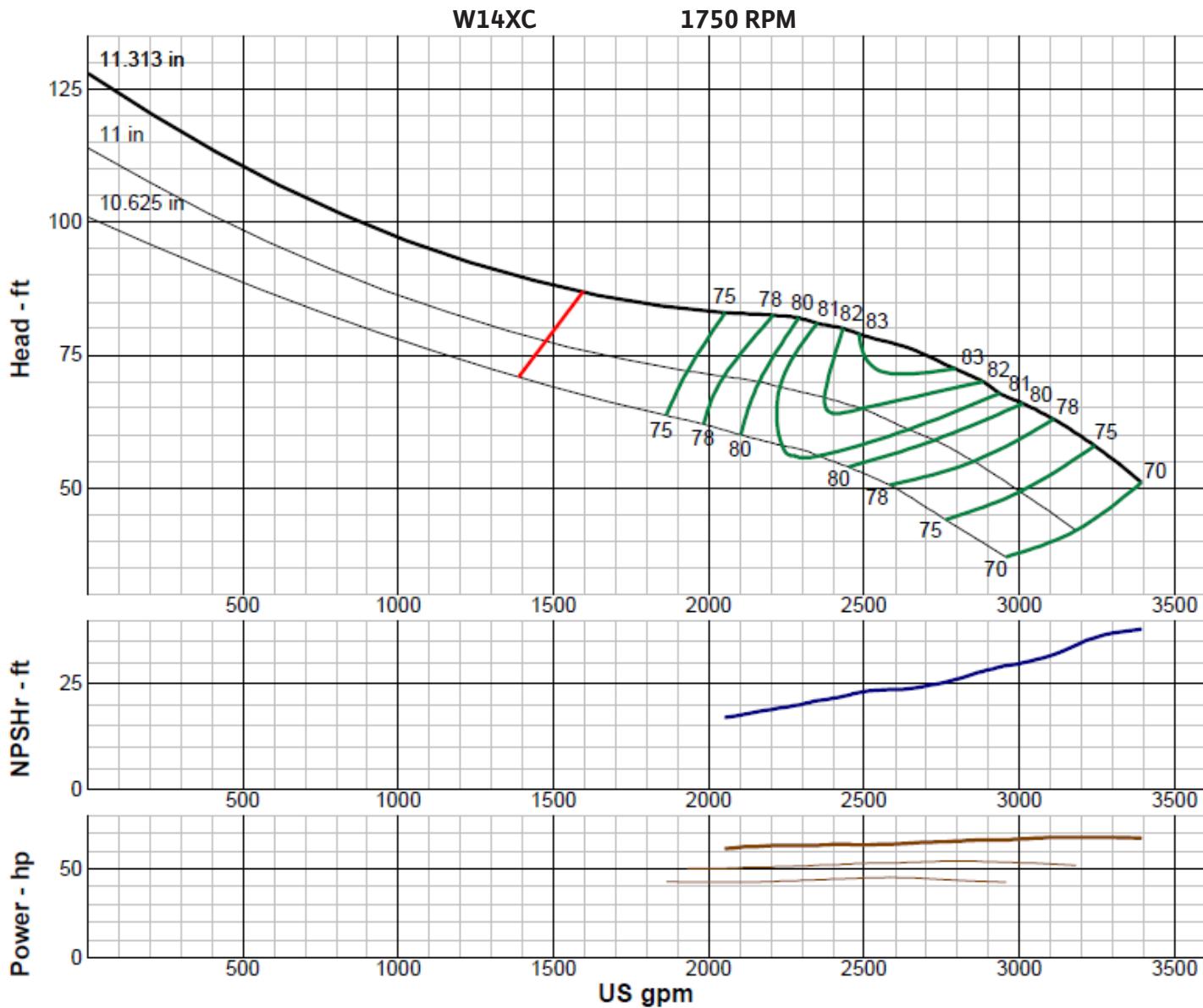
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3086
TYPE	ENCLOSED
THRUST FACTOR	K=21.80
EYE AREA	40.9 SQ. IN.
WEIGHT	29.25 LB.

Minimum submergence above eye of bottom impeller: 32 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3042
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.875
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

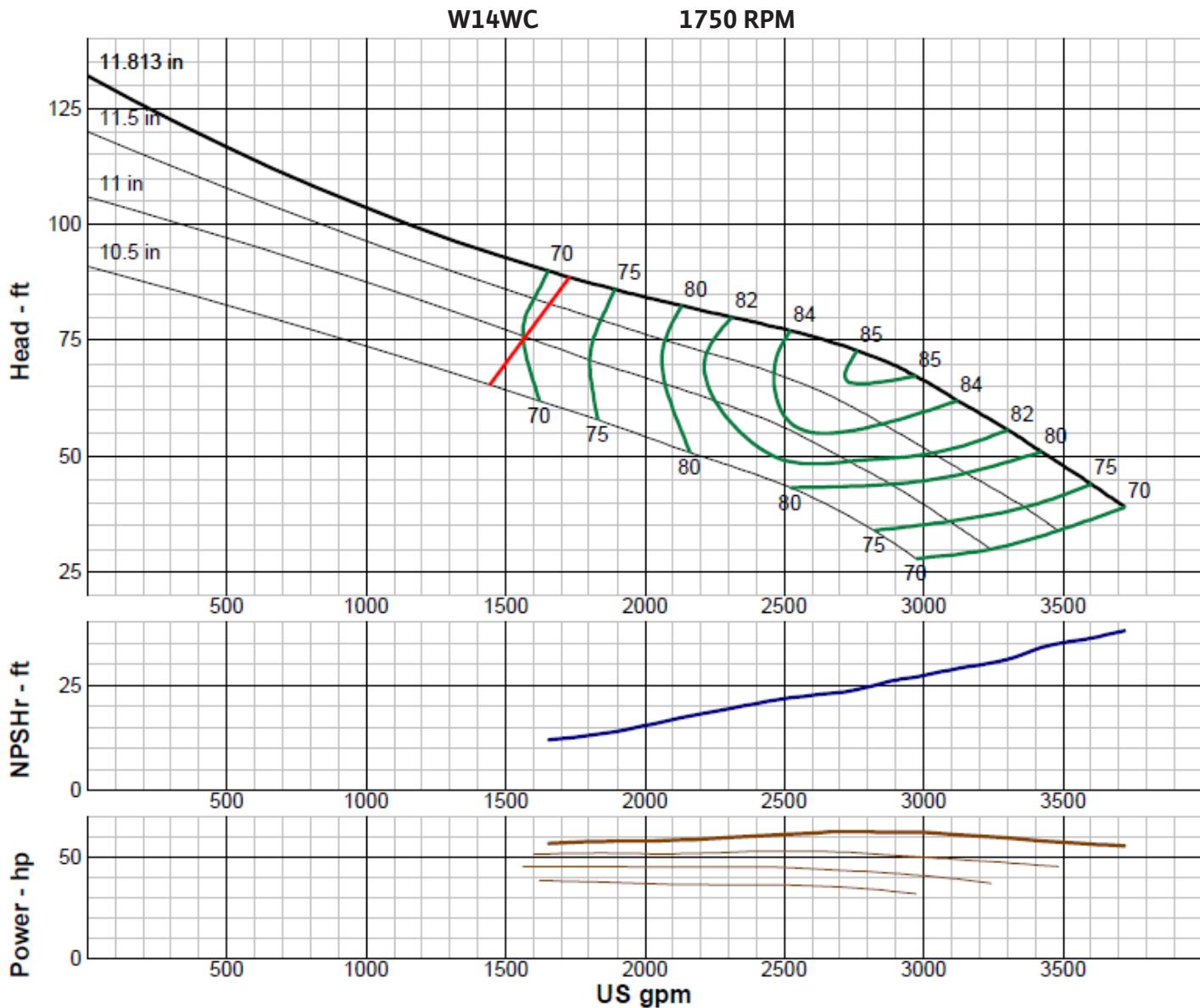
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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#### IMPELLER DATA

IMPELLER NUMBER	4151
TYPE	ENCLOSED
THRUST FACTOR	K=24.80
EYE AREA	47.4 SQ. IN.
WEIGHT	31.75 LB.

Minimum submergence above eye of bottom impeller: 34 IN.

#### FLANGED BOWL DATA

BOWL NUMBER	4152
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.875
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.500 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

#### EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

#### PUMP MATERIAL EFFICIENCY CORRECTION

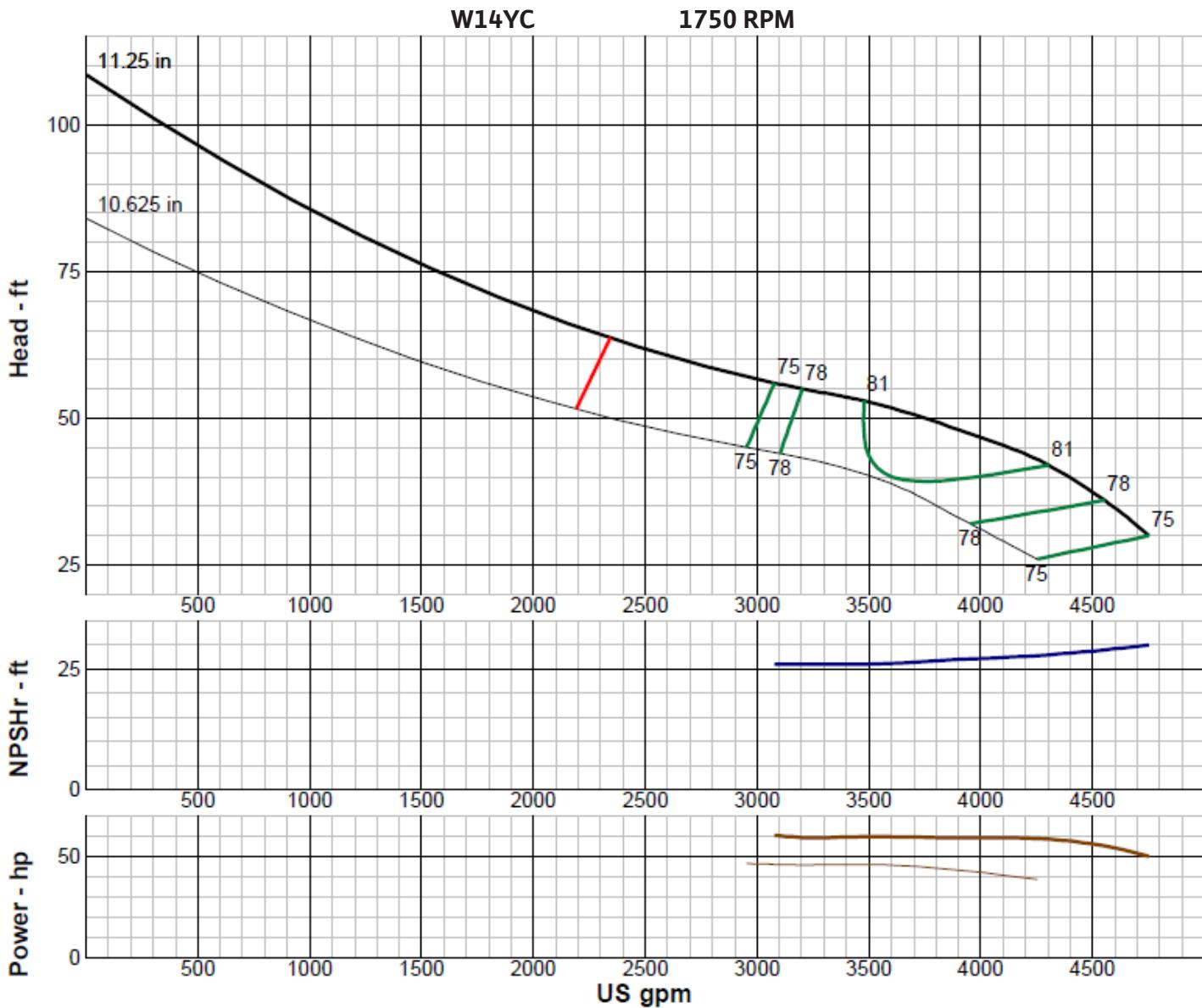
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3878
TYPE	ENCLOSED
THRUST FACTOR	K=24.00
EYE AREA	57.0 SQ. IN.
WEIGHT	28.00 LB.

FLANGED BOWL DATA	
BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.635
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

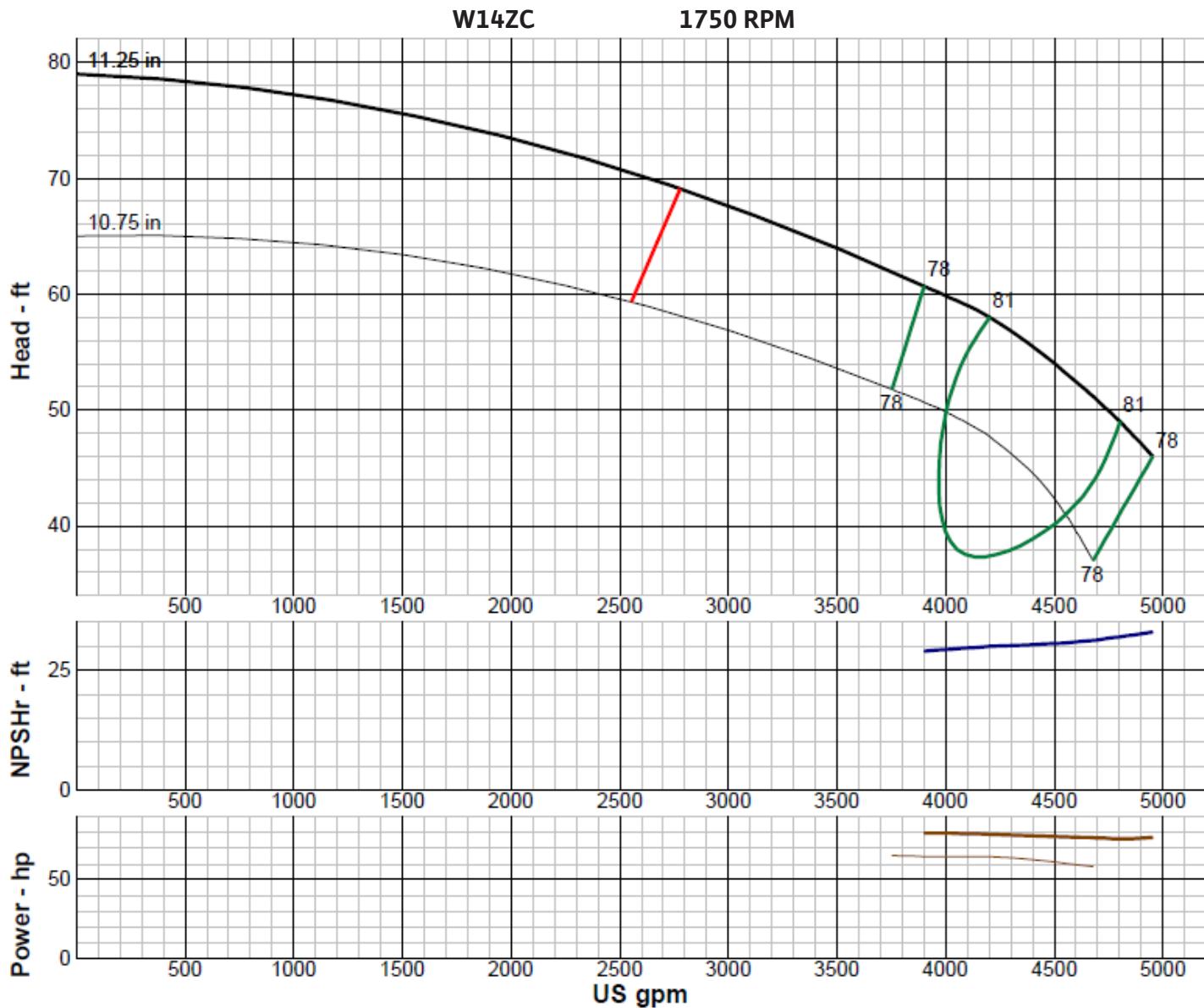
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	3896
TYPE	ENCLOSED
THRUST FACTOR	K=24.70
EYE AREA	58.5 SQ. IN.
WEIGHT	28.00 LB.

Minimum submergence above eye of bottom impeller: 34 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3869
BOWL MAX. DIAMETER	13.750 IN.
BOWL MIN. DIAMETER	13.500 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.625
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

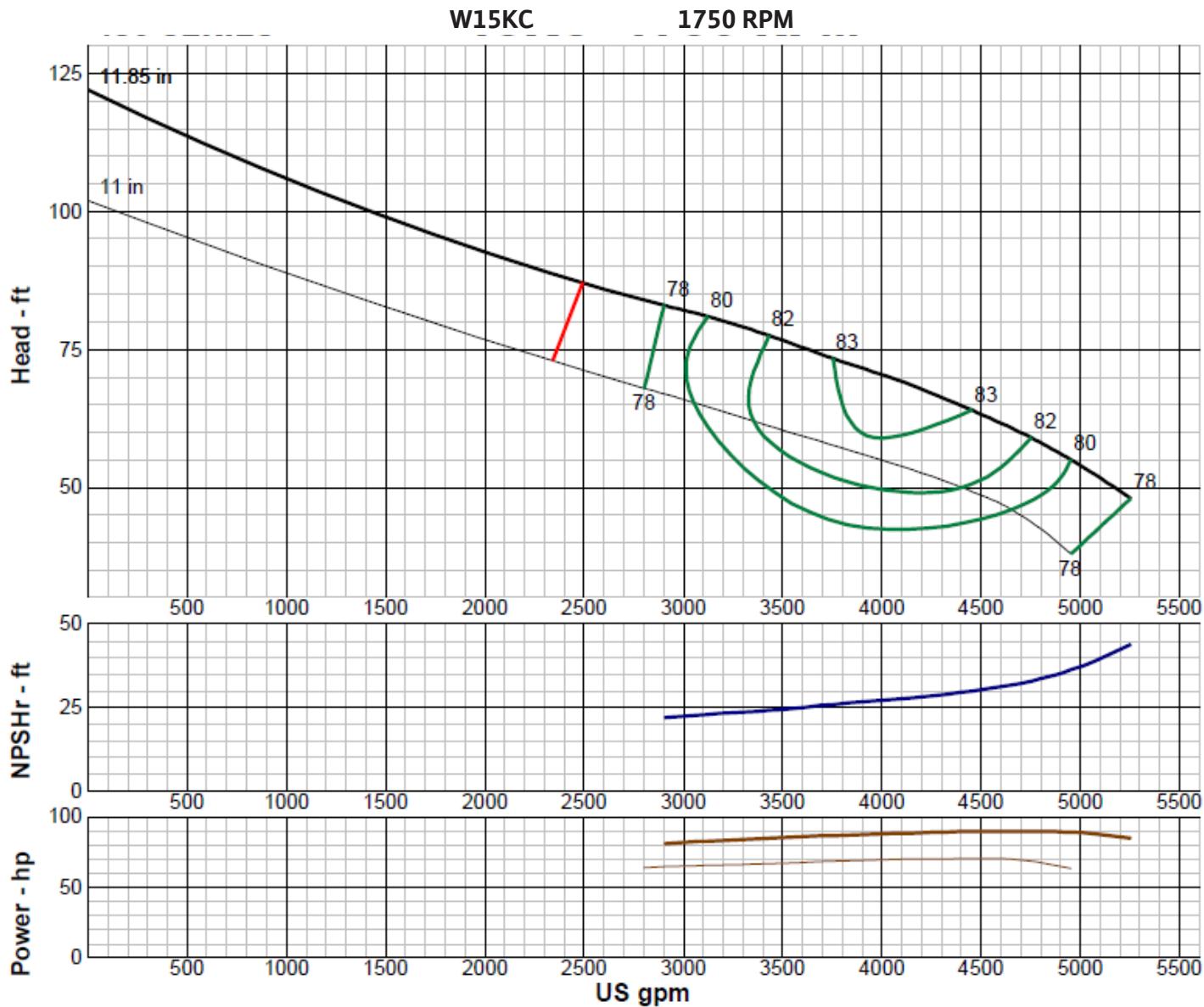
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	0004
TYPE	ENCLOSED
THRUST FACTOR	K=28.00
EYE AREA	63.6 SQ. IN.
WEIGHT	30.00 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0001
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	510 LB.
ADD STAGE WEIGHT	195 LB.
STD. SHAFT DIA.	1.938
STD. LATERAL	0.688
DISCHARGE SIZE	10 - 12 IN.
DISCHARGE CONNECTION	THD. - FLG.
SUCTION SIZE	10 - 12 IN.
SUCTION CONNECTION	THD.
MAX. SPHERE SIZE	2.250 IN
MAX. OPERATIONAL P.S.I.	540 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

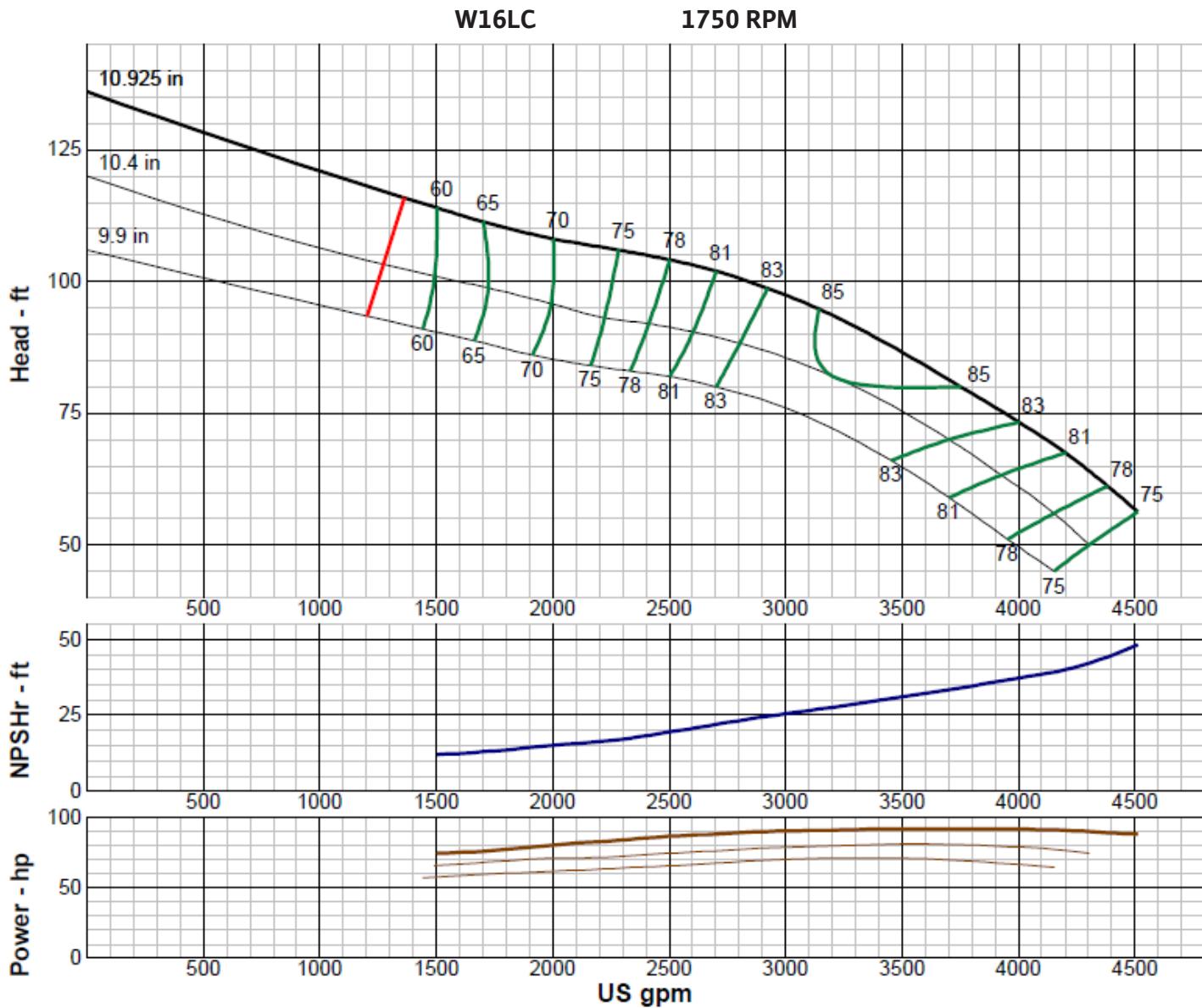
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	
TYPE	ENCLOSED
THRUST FACTOR	K=20.00
EYE AREA	51.3 SQ. IN.
WEIGHT	32.30 LB.

Minimum submergence above eye of bottom impeller: 32 IN.

FLANGED BOWL DATA	
BOWL NUMBER	
BOWL MAX. DIAMETER	15.375 IN.
BOWL MIN. DIAMETER	15.375 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250
STD. LATERAL	0.563
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	16.750
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.375 IN
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

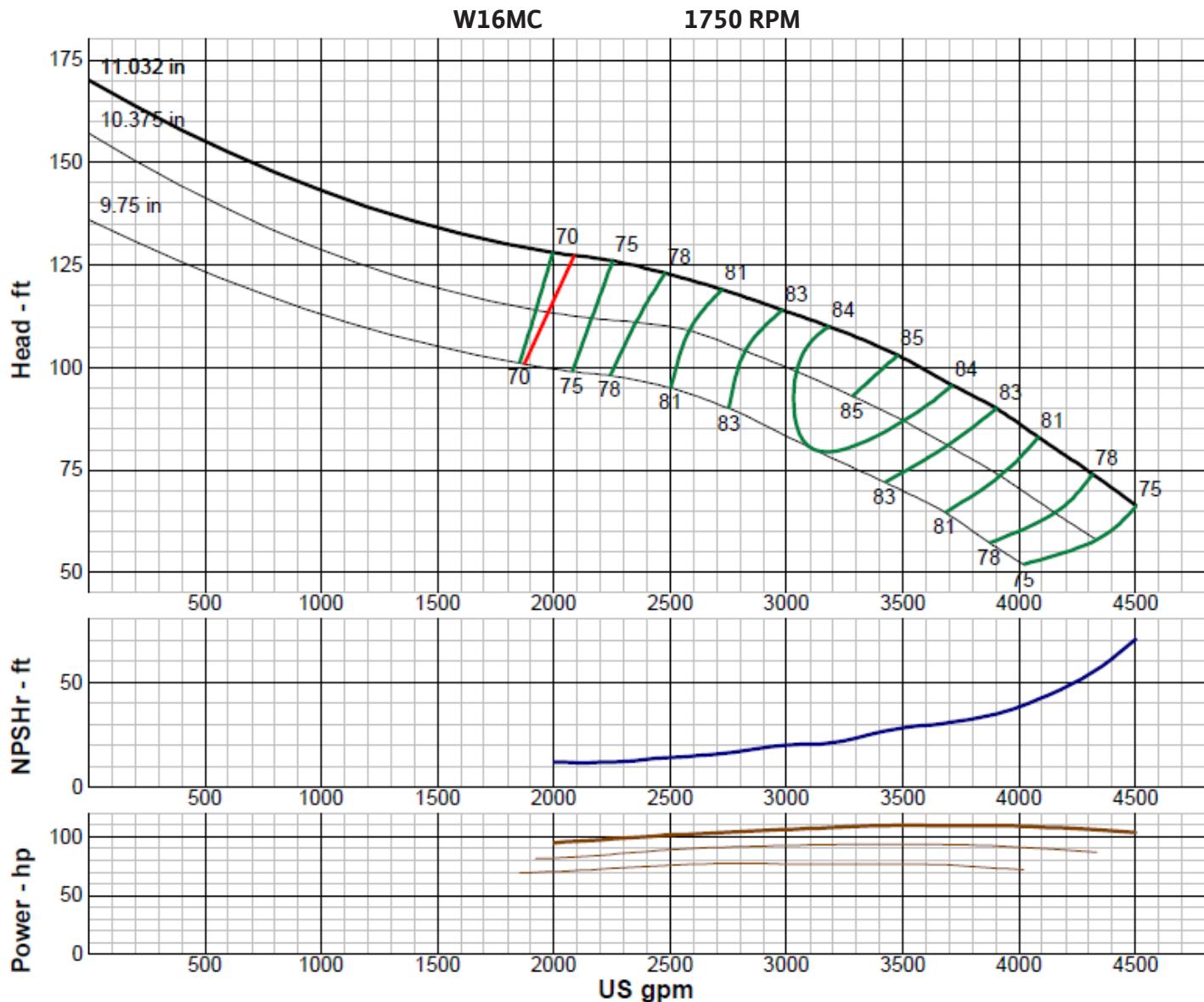
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	
TYPE	ENCLOSED
THRUST FACTOR	K=23.00
EYE AREA	58.4 SQ. IN.
WEIGHT	42.00 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250
STD. LATERAL	0.750
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	17.375
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

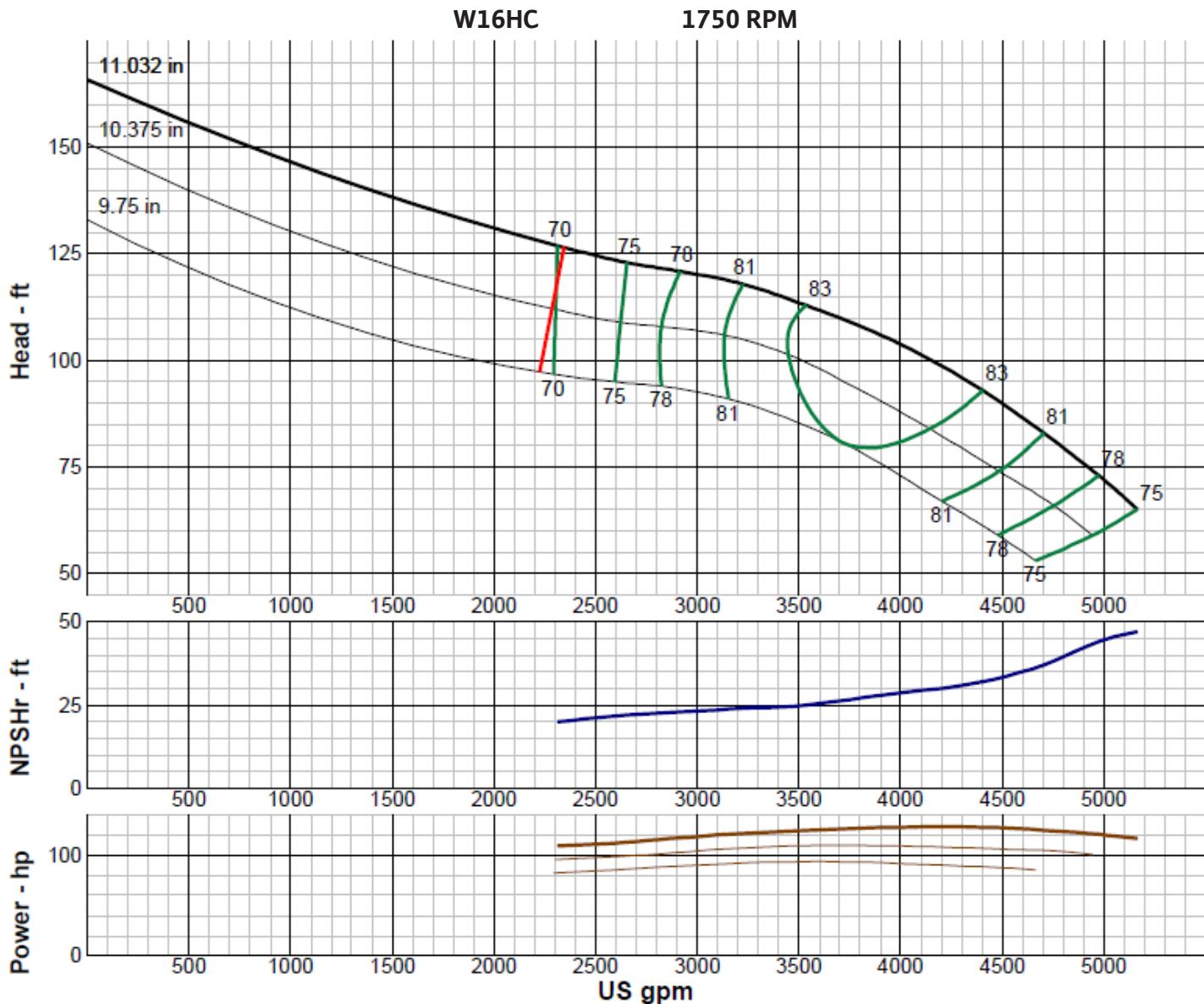
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

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IMPELLER DATA	
IMPELLER NUMBER	
TYPE	ENCLOSED
THRUST FACTOR	K=23.00
EYE AREA	58.4 SQ. IN.
WEIGHT	52.00 LB.

Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	
BOWL MAX. DIAMETER	16.000 IN.
BOWL MIN. DIAMETER	16.000 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	630 LB.
ADD STAGE WEIGHT	260 LB.
STD. SHAFT DIA.	2.250
STD. LATERAL	0.750
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	17.375
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.688 IN
MAX. OPERATIONAL P.S.I.	300 (SPECIAL)

EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-0.5	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

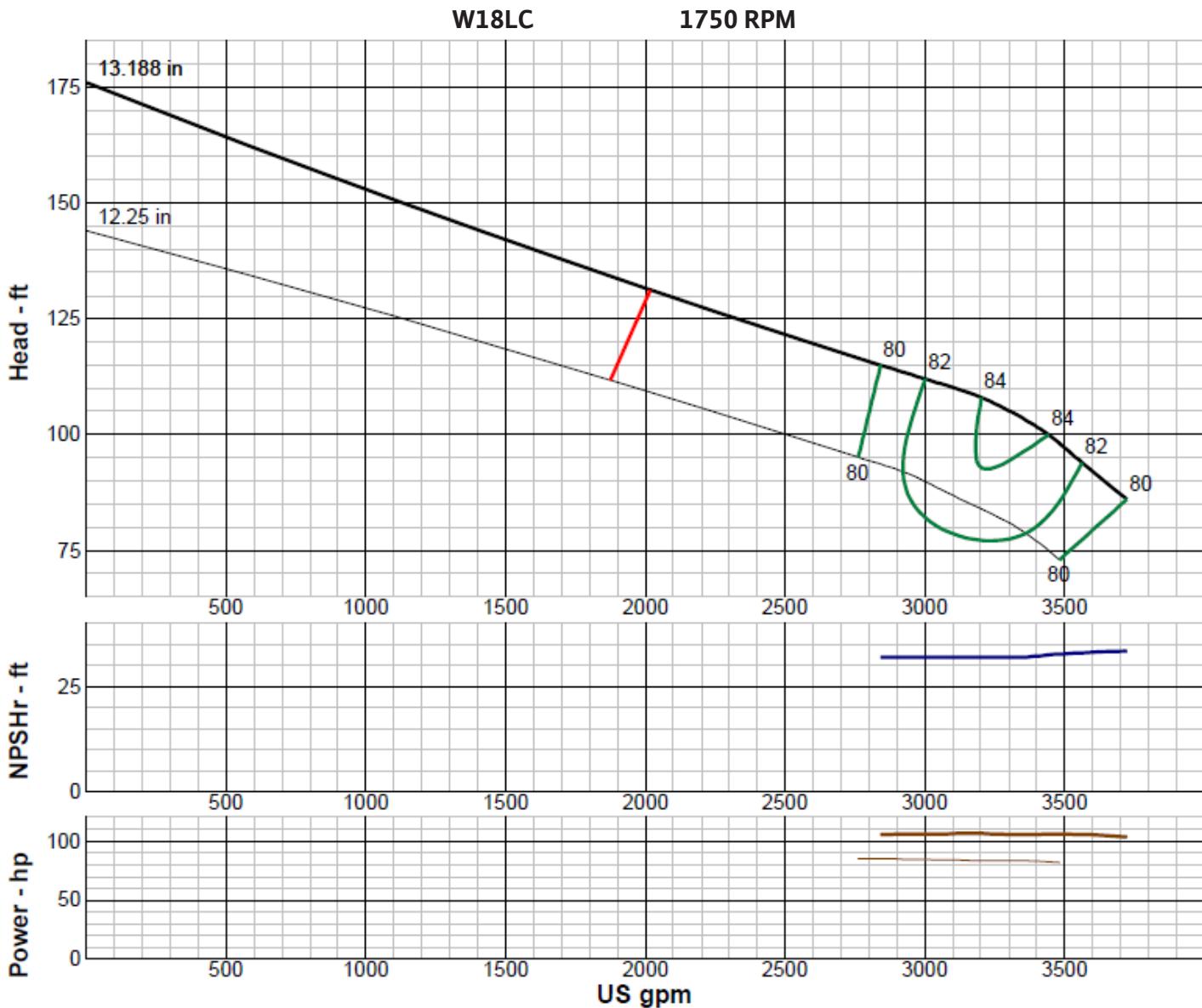
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



## IMPELLER DATA

IMPELLER NUMBER	3914
TYPE	ENCLOSED
THRUST FACTOR	K=21.75
EYE AREA	46.0 SQ. IN.
WEIGHT	42.00 LB.

Minimum submergence above eye of bottom impeller: 48 IN.

## FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188
STD. LATERAL	0.500
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	18.000
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

## PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

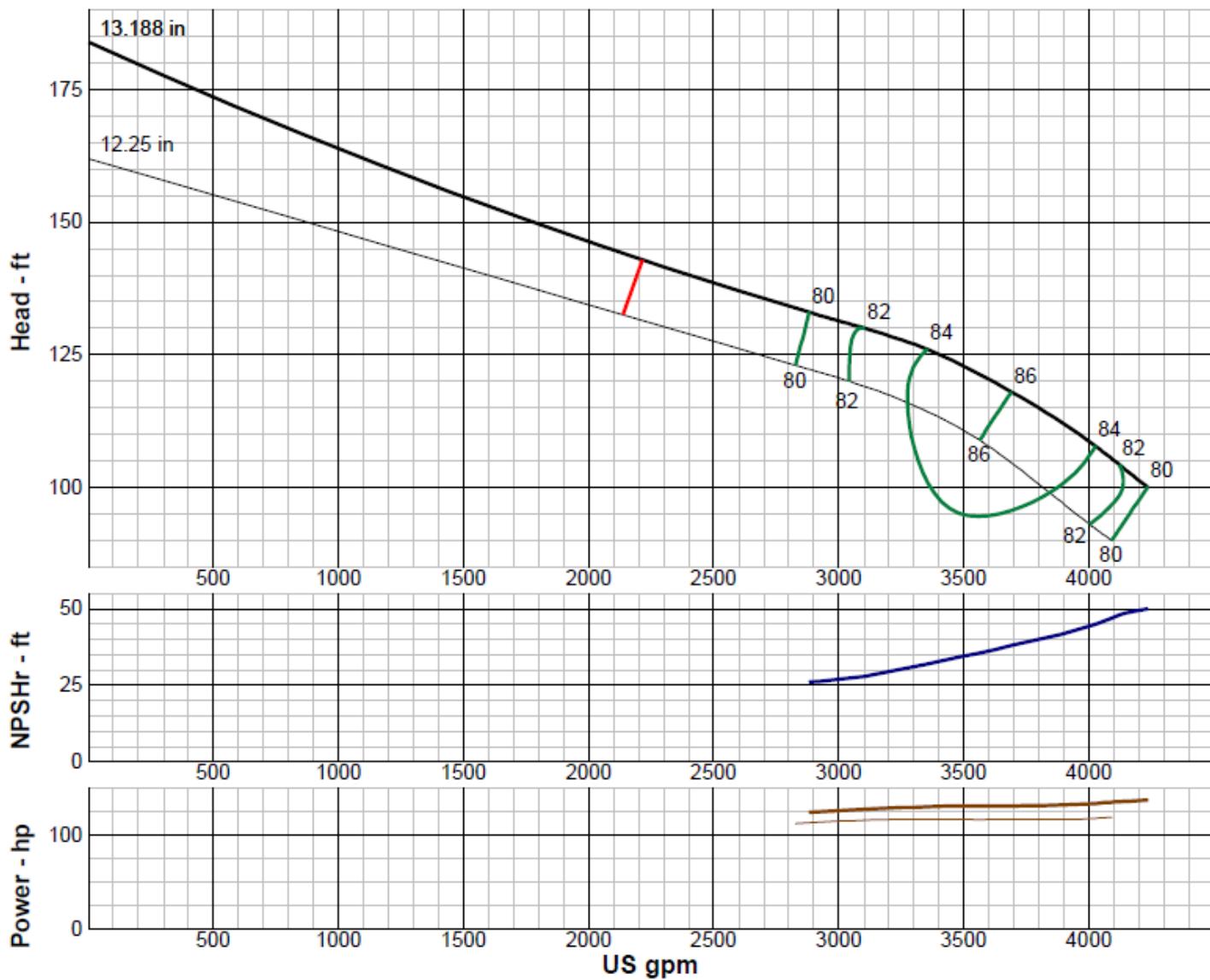
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W18MC

1750 RPM



## IMPELLER DATA

IMPELLER NUMBER	3923
TYPE	ENCLOSED
THRUST FACTOR	K=21.75
EYE AREA	50.3 SQ. IN.
WEIGHT	42.00 LB.

Minimum submergence above eye of bottom impeller: 48 IN.

## FLANGED BOWL DATA

BOWL NUMBER	3905
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188
STD. LATERAL	0.500
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	18.000
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

## EFFICIENCY CORRECTION

NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

## PUMP MATERIAL EFFICIENCY CORRECTION

	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-1	-1
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

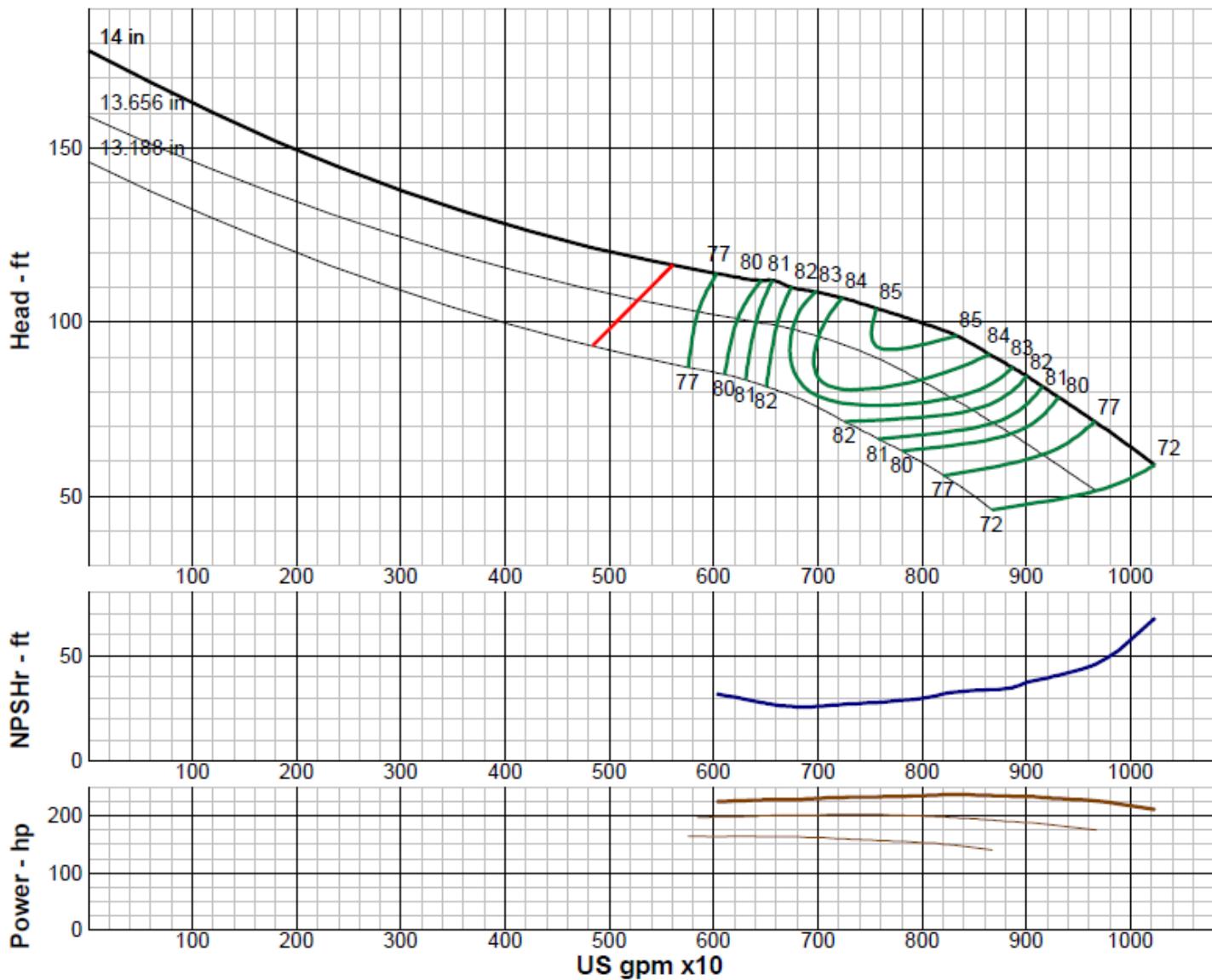
## Wilo-Vertical Turbine Pump Curve

## Single Stage Performance

wilo®

**W18HHC**

**1750 RPM**



IMPELLER DATA	
IMPELLER NUMBER	0777
TYPE	ENCLOSED
THRUST FACTOR	K=32.00
EYE AREA	102 SQ. IN.
WEIGHT	LB.

FLANGED BOWL DATA	
BOWL NUMBER	0224
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.250 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	LB.
ADD STAGE WEIGHT	LB.
STD. SHAFT DIA.	2.188
STD. LATERAL	0.750
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	18.813
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.250 IN
MAX. OPERATIONAL P.S.I.	450 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-0.5	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

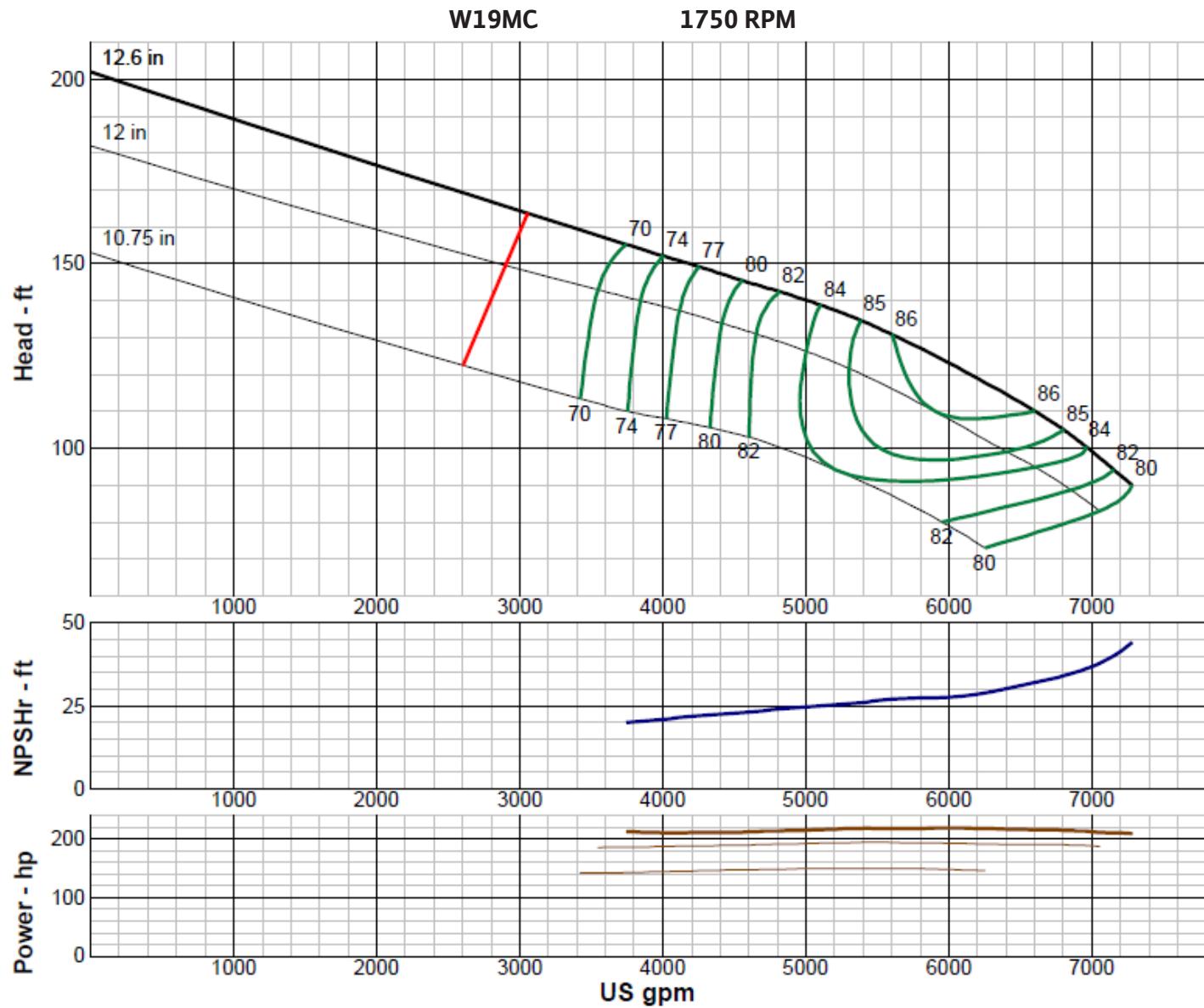
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-1	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	
TYPE	ENCLOSED
THRUST FACTOR	K=32.00
EYE AREA	74.5 SQ. IN.
WEIGHT	54.00 LB.

Minimum submergence above eye of bottom impeller: 42 IN.

FLANGED BOWL DATA	
BOWL NUMBER	
BOWL MAX. DIAMETER	18.625 IN.
BOWL MIN. DIAMETER	18.625 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	770 LB.
ADD STAGE WEIGHT	447 LB.
STD. SHAFT DIA.	2.250
STD. LATERAL	0.750
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	21.000
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	1.000 IN
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-1	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

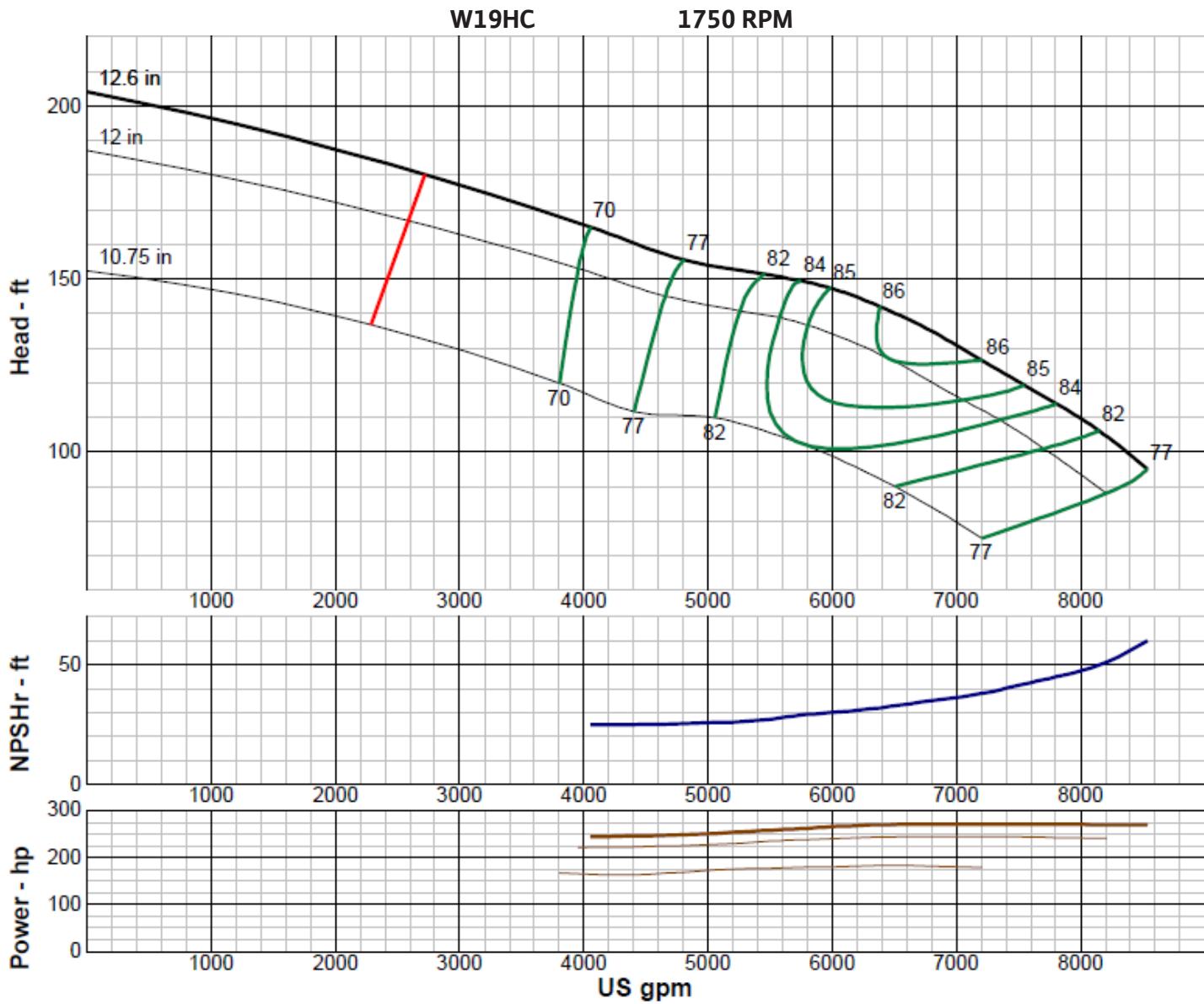
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-2	0	-2	-2
BOWL MATERIAL:	-2	-2	-2	-2

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BOWL MATERIAL:	-2	-2	-2	-2

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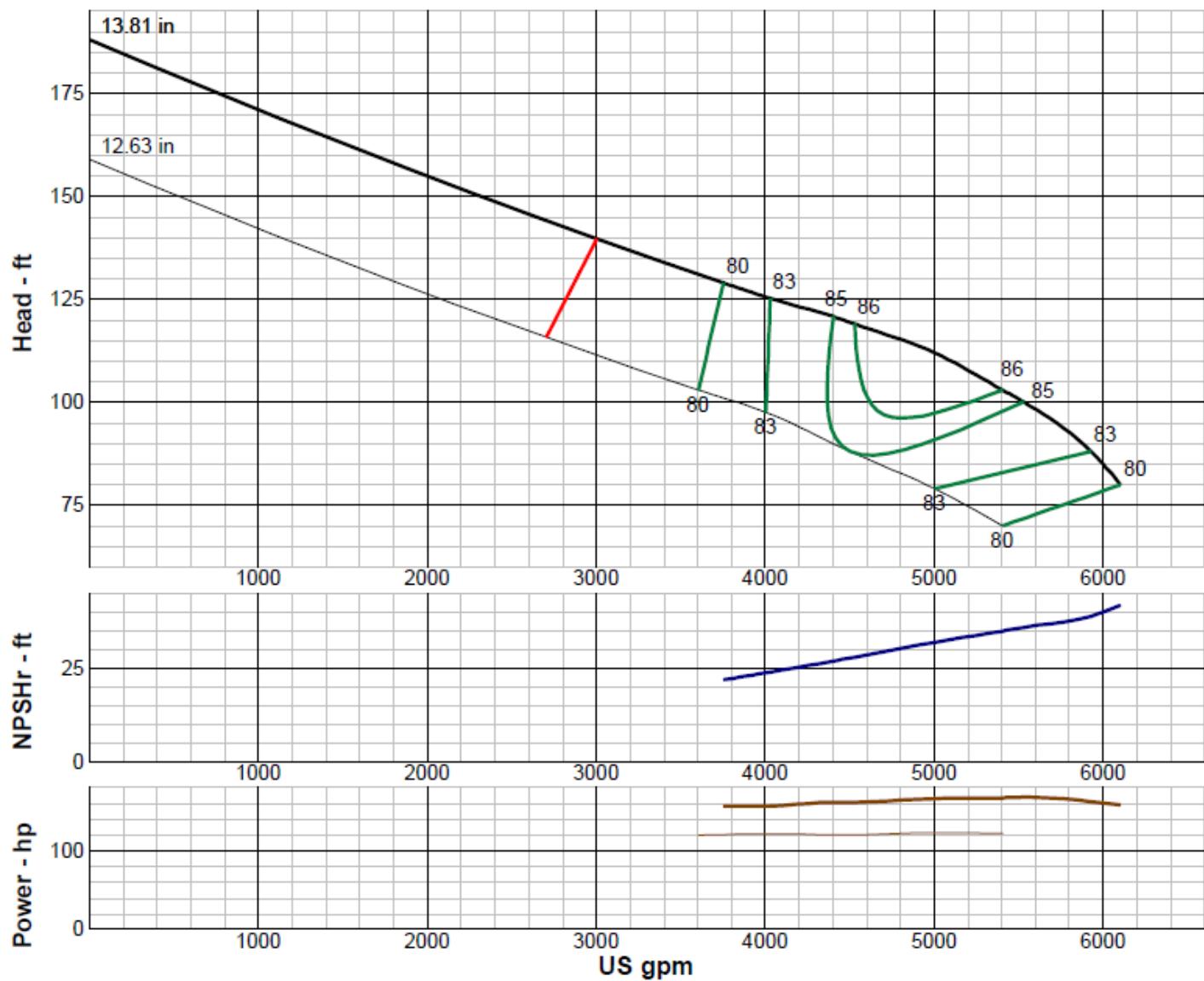
# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®

W20LC

1750 RPM



IMPELLER DATA	
IMPELLER NUMBER	4838
TYPE	ENCLOSED
THRUST FACTOR	K=29.40
EYE AREA	72.6 SQ. IN.
WEIGHT	69.00 LB.

Minimum submergence above eye of bottom impeller: 33 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3969
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2.438
STD. LATERAL	0.750
DISCHARGE SIZE	N/A
DISCHARGE CONNECTION	FLG.
SUCTION SIZE	20.875
SUCTION CONNECTION	BELL
MAX. SPHERE SIZE	2.000 IN
MAX. OPERATIONAL P.S.I.	350 (SPECIAL)

EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2			
CHANGE AS FOLLOWS:	-2	0			
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

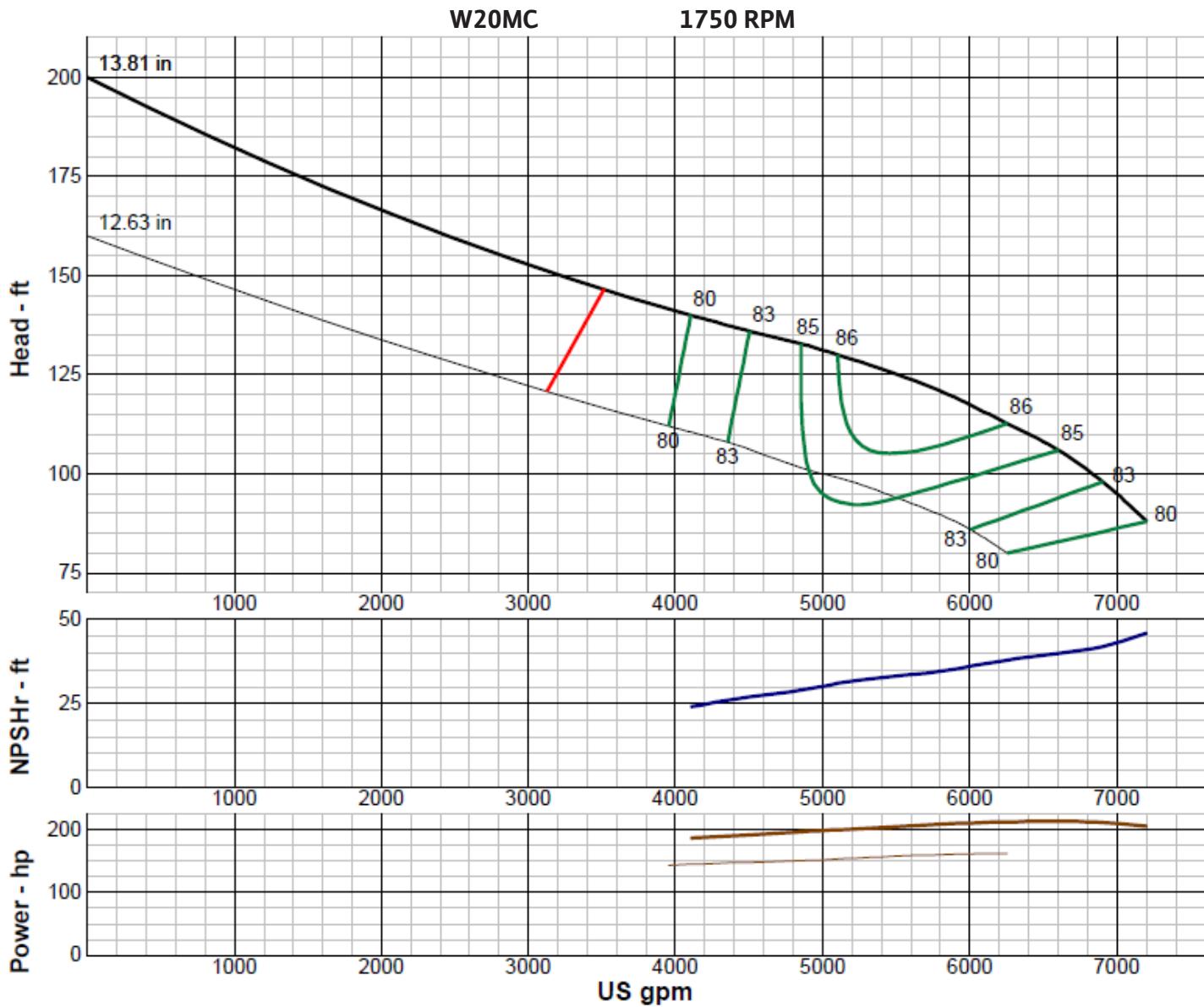
PUMP MATERIAL EFFICIENCY CORRECTION				
	DUCTILE	BRONZE	NI-R	STAINLESS
IMPELLER MATERIAL:	-1	0	-1	-1
BOWL MATERIAL:	-1	-2	-2	-2

Performance based on pumping clean, fresh water at a temperature not over 85°F, free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

Single Stage Performance

wilo®



IMPELLER DATA	
IMPELLER NUMBER	4837
TYPE	ENCLOSED
THRUST FACTOR	K=29.40
EYE AREA	72.6 SQ. IN.
WEIGHT	69.00 LB.

Minimum submergence above eye of bottom impeller: 33 IN.

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