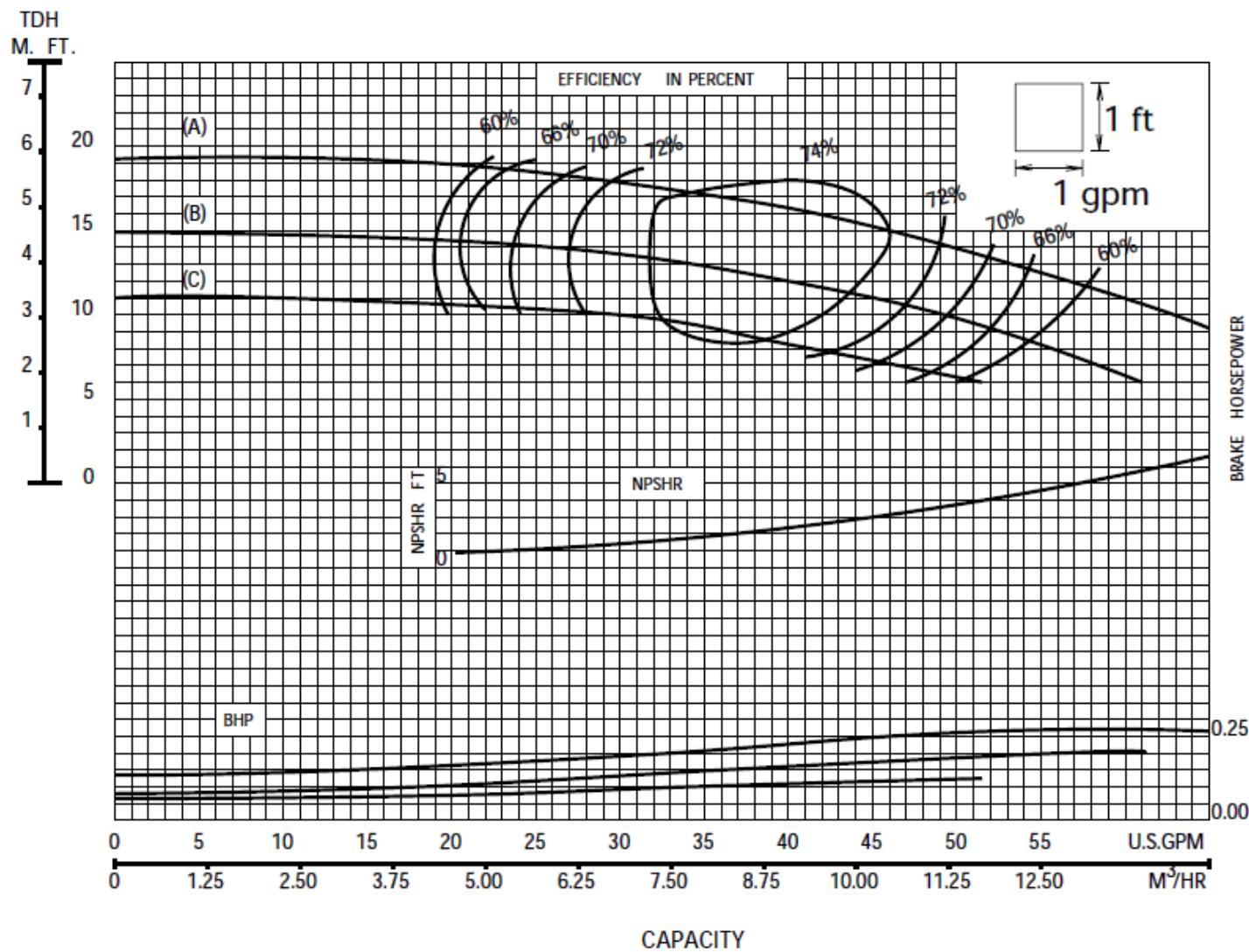


# Wilo-Vertical Turbine Pump Curve

wilo®

W6JC

1760 RPM



IMPELLER DATA				
IMPELLER NUMBER	6404	TRIM:	(A) 4.688" x 0°	
MATERIAL	BRONZE		(B) 4.125" X 0°	
TYPE	CLOSED		(C) 3.688" X 0°	
THRUST FACTOR	K=1.56		Minimum submergence above eye of bottom impeller: .10 IN.	
EYE AREA	1.78 SQ. IN.			
WEIGHT	19.80 LB.			

FLANGED BOWL DATA	
BOWL NUMBER	6515 C.I.
BOWL DIAMETER	5.563 IN.
MAX. NO. STAGES	55
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	0.750 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	4 IN.
SUCTION SIZE	4 IN.
MAX. SPHERE SIZE	0.125 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

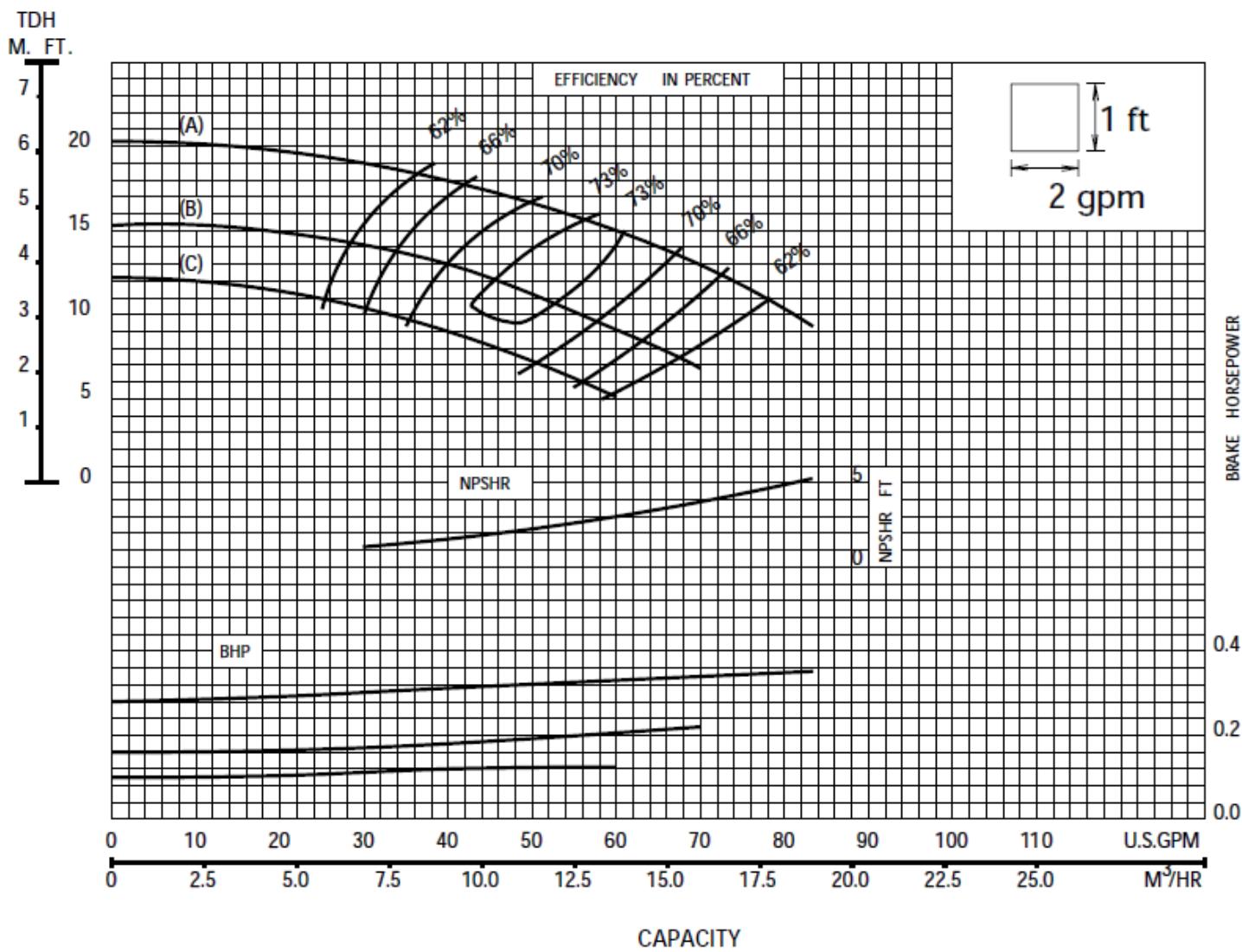
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	-5	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

# Wilo-Vertical Turbine Pump Curve

wilo®

W6LC

1760 RPM



IMPELLER DATA				
IMPELLER NUMBER	6505	TRIM:	(A) 4.688" x 0°	
MATERIAL	BRONZE		(B) 4.125" X 0°	
TYPE	CLOSED		(C) 3.688" X 0°	
THRUST FACTOR	K=1.56		Minimum submergence above eye of bottom impeller: .12 IN.	
EYE AREA	2.14 SQ. IN.			
WEIGHT	2.25 LB.			

FLANGED BOWL DATA	
BOWL NUMBER	6515 C.I.
BOWL DIAMETER	5.563 IN.
MAX. NO. STAGES	55
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	0.750 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	4 IN.
SUCTION SIZE	4 IN.
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:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

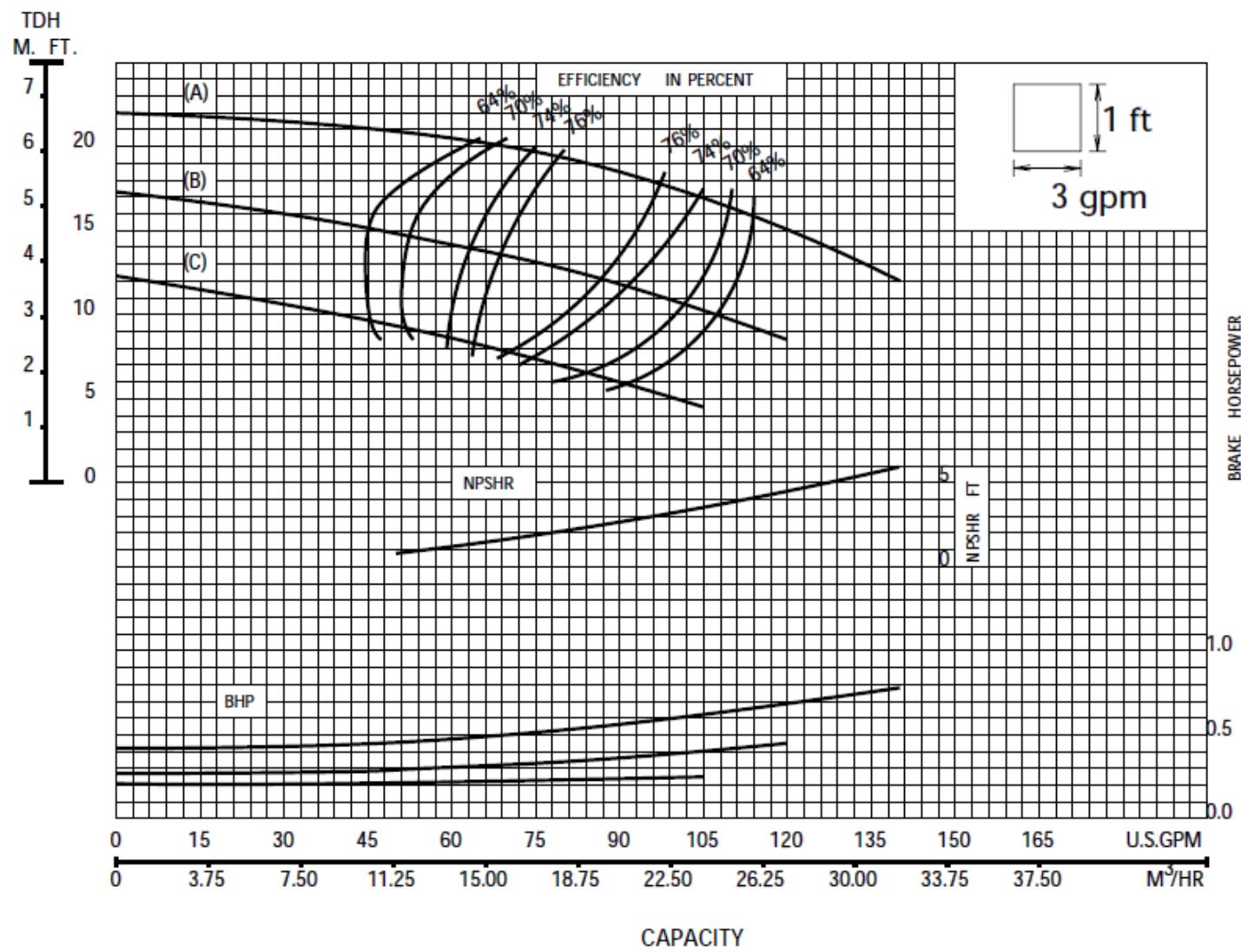
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W6MC

1760 RPM



IMPELLER DATA				
IMPELLER NUMBER	6707	TRIM:	(A) 4.688" x 27°	
MATERIAL	BRONZE		(B) 4.250" X 27°	
TYPE	CLOSED		(C) 3.750" X 27°	
THRUST FACTOR	K=2.24		Minimum submergence above eye of bottom impeller: .10 IN.	
EYE AREA	3.20 SQ. IN.			
WEIGHT	2.15 LB.			

FLANGED BOWL DATA	
BOWL NUMBER	6616 C.I.
BOWL DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	4 IN.
SUCTION SIZE	4 IN.
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

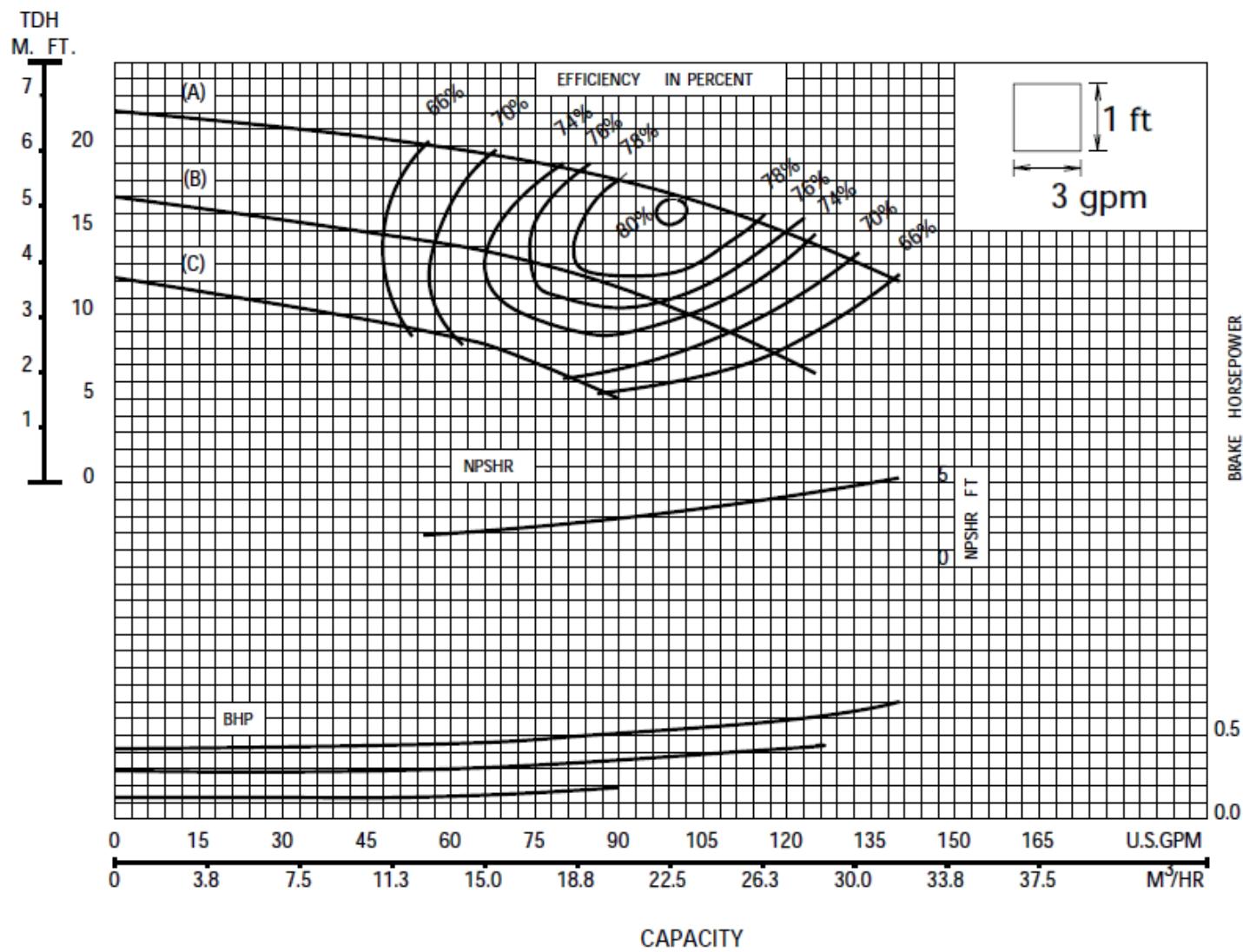
EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

# Wilo-Vertical Turbine Pump Curve

wilo®

W6HC

1760 RPM



IMPELLER DATA				
IMPELLER NUMBER	6606	TRIM:	(A) 4.688" x 20°	
MATERIAL	BRONZE		(B) 4.250" X 20°	
TYPE	CLOSED		(C) 3.750" X 20°	
THRUST FACTOR	K=2.24		Minimum submergence above eye of bottom impeller: .10 IN.	
EYE AREA	3.65 SQ. IN.			
WEIGHT	2.38 LB.			

FLANGED BOWL DATA	
BOWL NUMBER	6616 C.I./ENAM.
BOWL DIAMETER	5.563 IN.
MAX. NO. STAGES	50
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	4 IN.
SUCTION SIZE	4 IN.
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

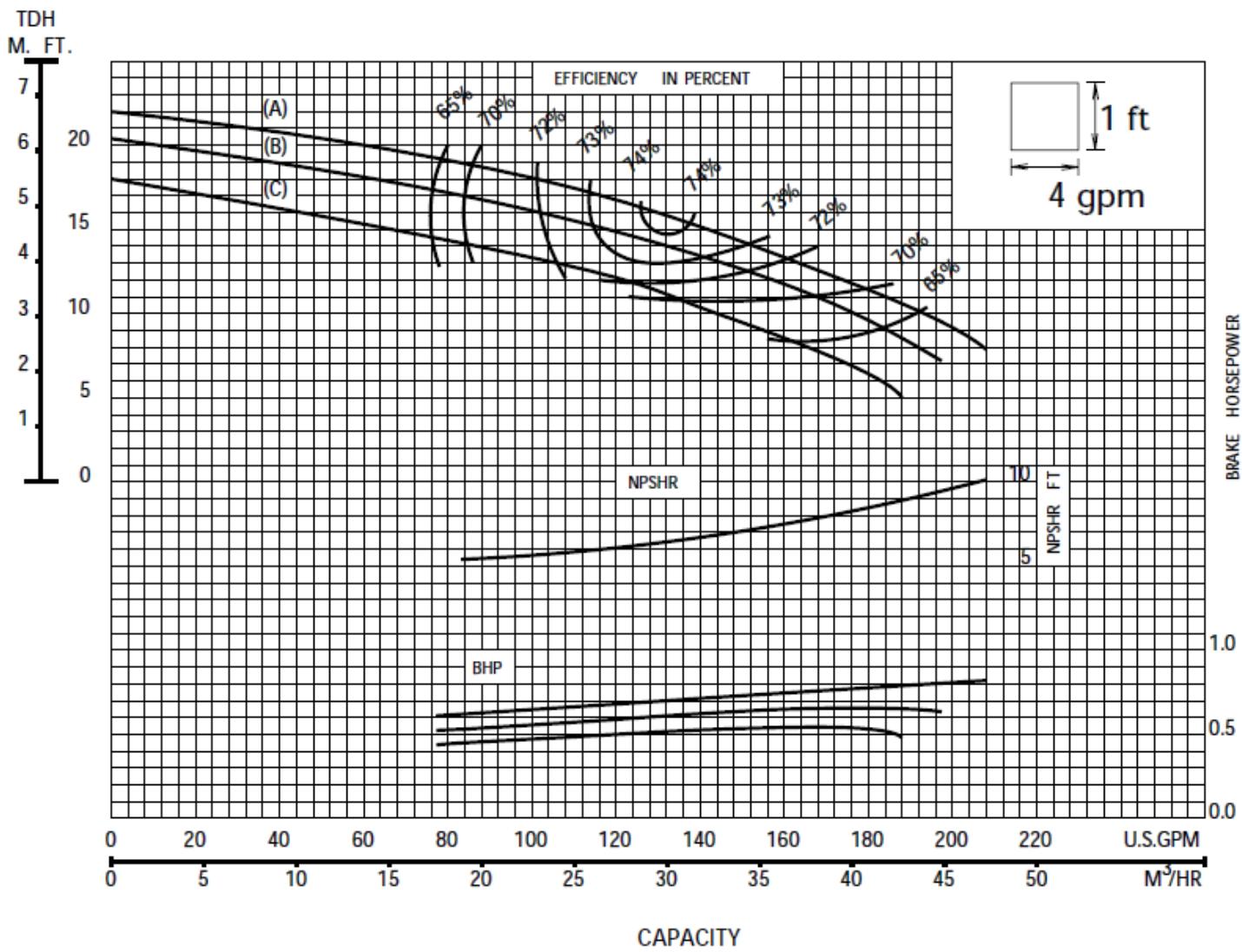
EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

# Wilo-Vertical Turbine Pump Curve

wilo®

W6XC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	6909	TRIM:	(A) 4.625" x 30°
MATERIAL	BRONZE		(B) 4.438" X 30°
TYPE	CLOSED		(C) 4.250" X 30°
THRUST FACTOR	K=2.83	Minimum submergence above eye of bottom impeller: .10 IN.	
EYE AREA	4.01 SQ. IN.		
WEIGHT	2.15 LB.		

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

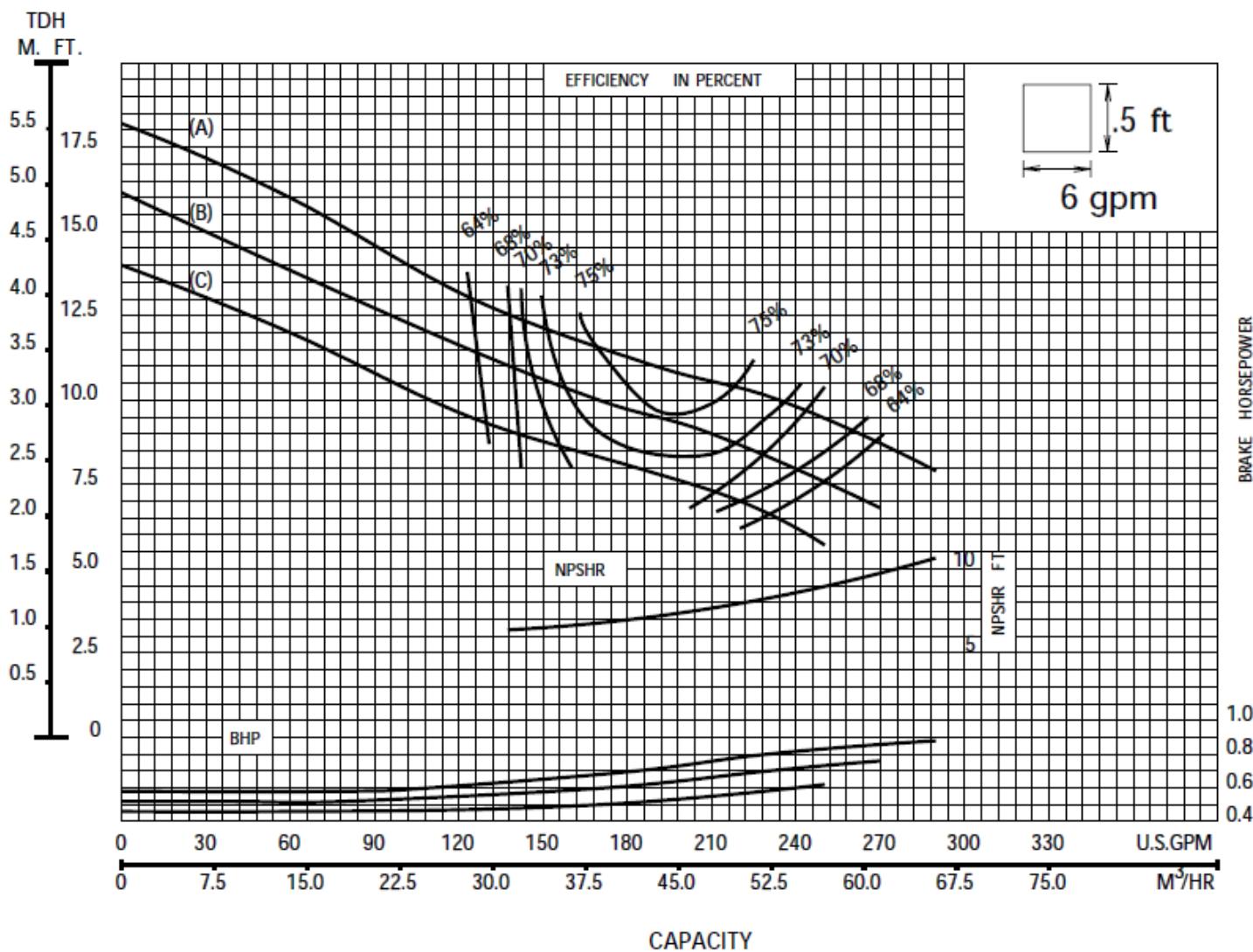
EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

# Wilo-Vertical Turbine Pump Curve

wilo®

W6WC

1760 RPM



IMPELLER DATA				
IMPELLER NUMBER	6908	TRIM:	(A) 4.688" x 35°	
MATERIAL	BRONZE		(B) 4.500" X 35°	
TYPE	CLOSED		(C) 4.313" X 35°	
THRUST FACTOR	K=4.13		Minimum submergence above eye of bottom impeller: .15 IN.	
EYE AREA	6.88 SQ. IN.			
WEIGHT	2.65 LB.			

FLANGED BOWL DATA	
BOWL NUMBER	6818 C.I./ENAM.
BOWL DIAMETER	5.563 IN.
MAX. NO. STAGES	43
ONE STAGE WEIGHT	75 LB.
ADD STAGE WEIGHT	15 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	4 IN.
SUCTION SIZE	4 IN.
MAX. SPHERE SIZE	0.188 IN.
MAX. OPERATIONAL P.S.I.	360 (SPECIAL)

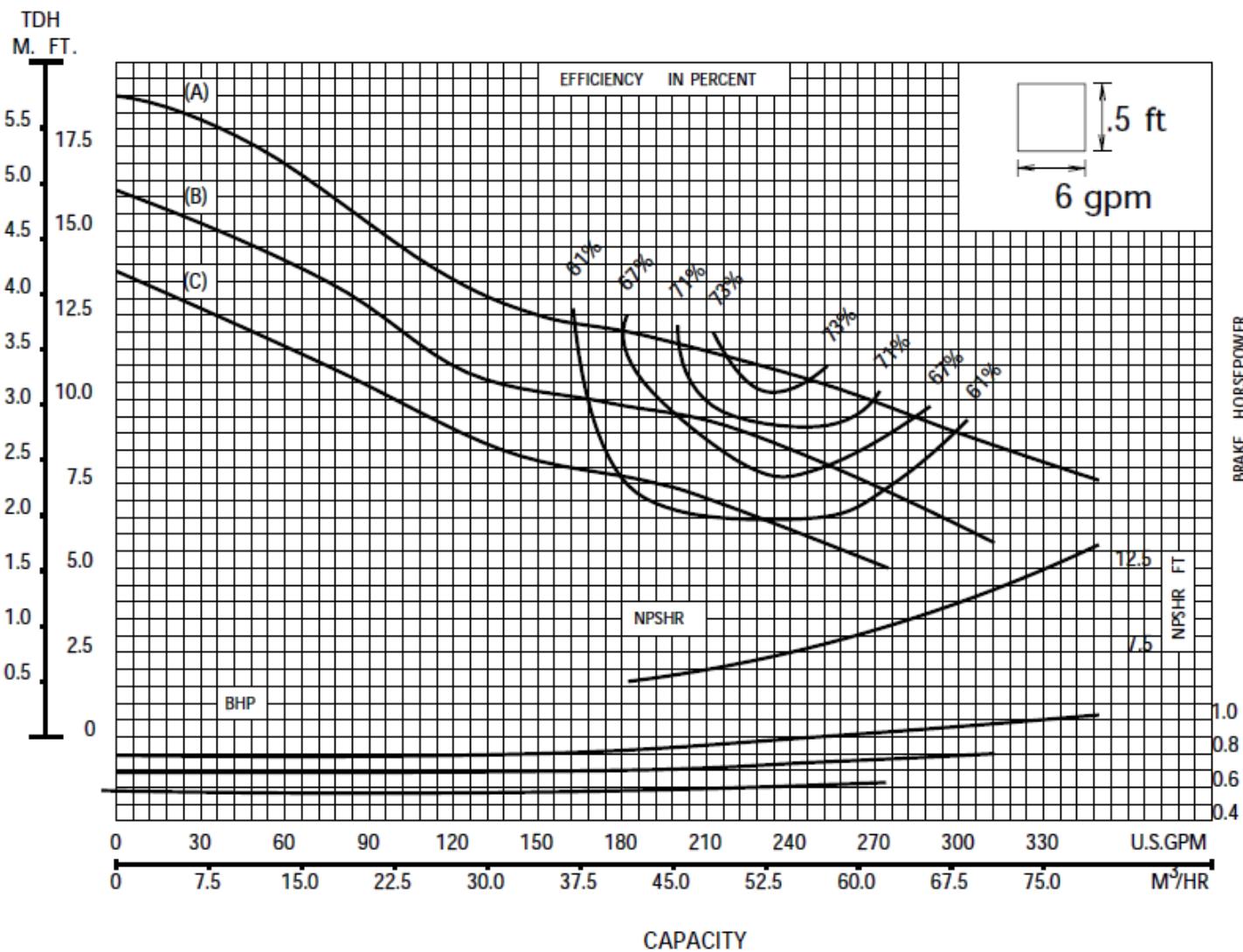
EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

# Wilo-Vertical Turbine Pump Curve

wilo®

W6YC

1760 RPM



IMPELLER DATA				
IMPELLER NUMBER	6414	TRIM:	(A) 4.688" x 30°	
MATERIAL	BRONZE		(B) 4.500" X 30°	
TYPE	CLOSED		(C) 4.313" X 30°	
THRUST FACTOR	K=4.10		Minimum submergence above eye of bottom impeller: .15 IN.	
EYE AREA	7.41 SQ. IN.			
WEIGHT	2.35 LB.			

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

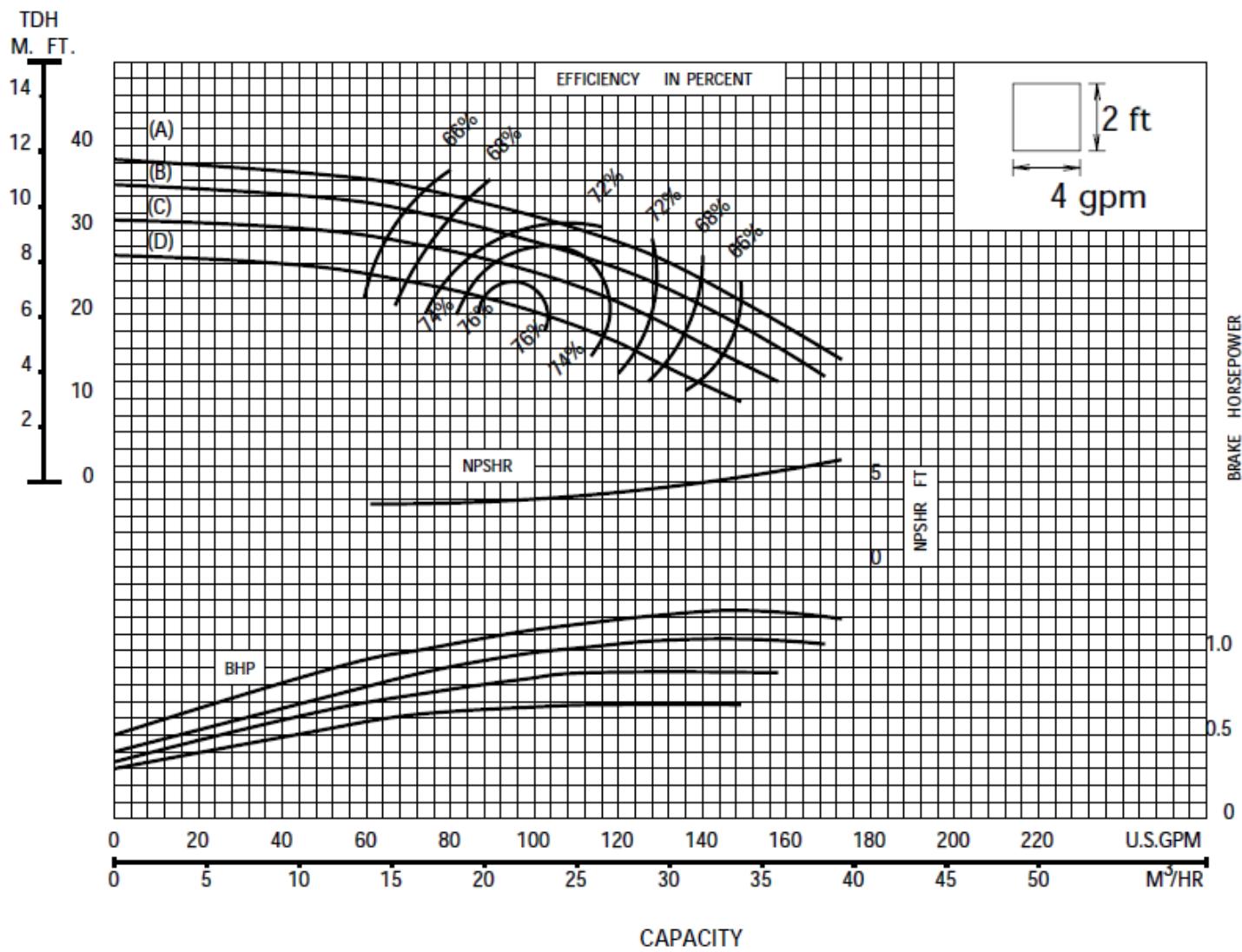
EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	4
CHANGE AS FOLLOWS:	-4	-2	-1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

# Wilo-Vertical Turbine Pump Curve

wilo®

W8JC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3628	TRIM:	(A) 6.313" x 0°
MATERIAL	BRONZE		(B) 6.000" X 0°
TYPE	CLOSED		(C) 5.625" X 0°
THRUST FACTOR	K=2.98		(D) 5.250" X 0°
EYE AREA	3.65 SQ. IN.		Minimum submergence above eye of bottom impeller: .12 IN.
WEIGHT	5.75 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3629 C.I./ENAM.
BOWL DIAMETER	7.813 IN.
MAX. NO. STAGES	42
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
SUCTION SIZE	5 - 6 IN.
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.					

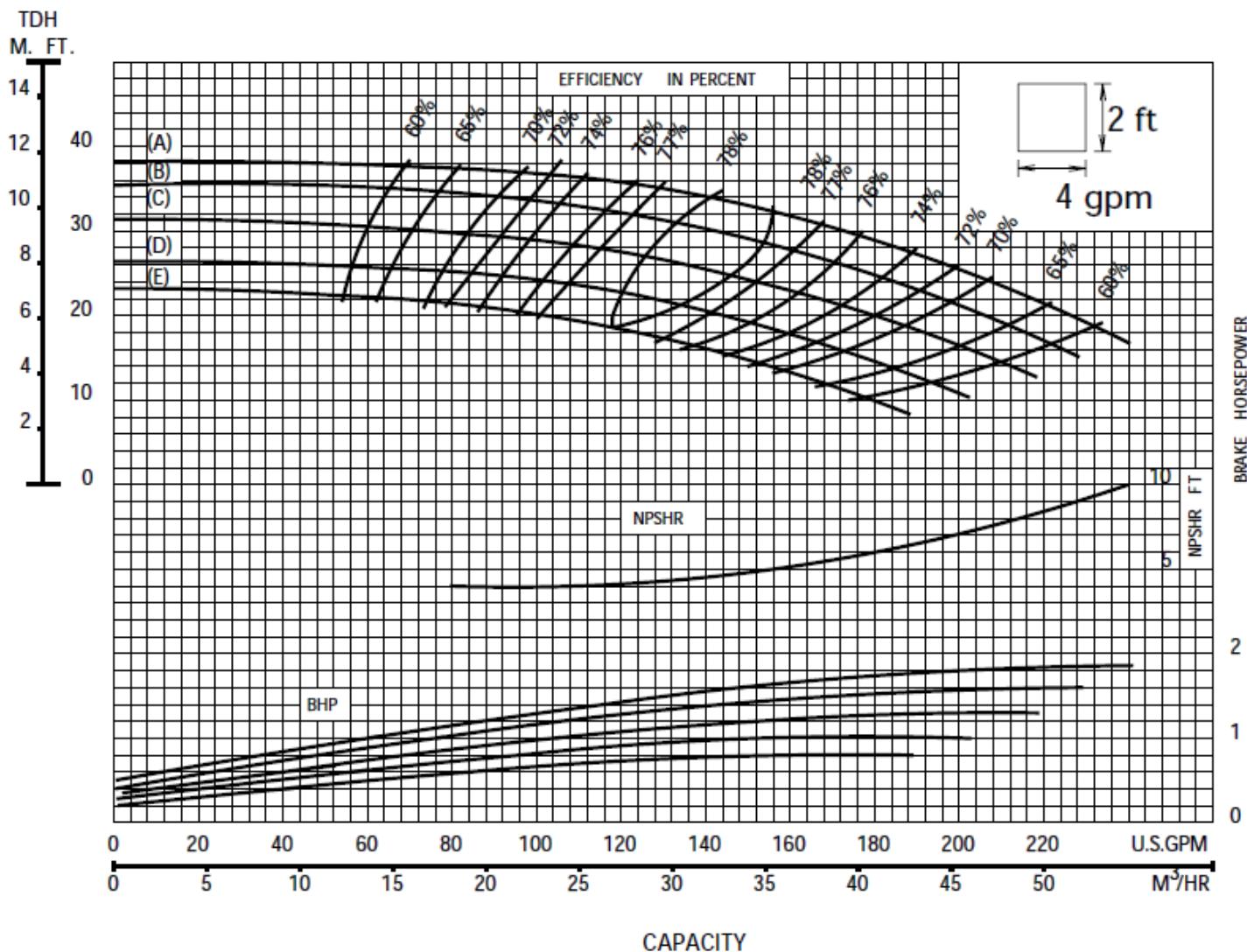
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W8LC

1760 RPM



IMPELLER DATA					
IMPELLER NUMBER	3630	TRIM:	(A) 6.313" x 0°		
MATERIAL	BRONZE		(B) 6.000" X 0°		
TYPE	CLOSED		(C) 5.625" X 0°		
THRUST FACTOR	K=2.98		(D) 5.250" X 0°		
EYE AREA	4.64 SQ. IN.		(E) 4.875" X 0°		
WEIGHT	5.75 LB.		Minimum submergence above eye of bottom impeller: .12 IN.		
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	-4	-2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

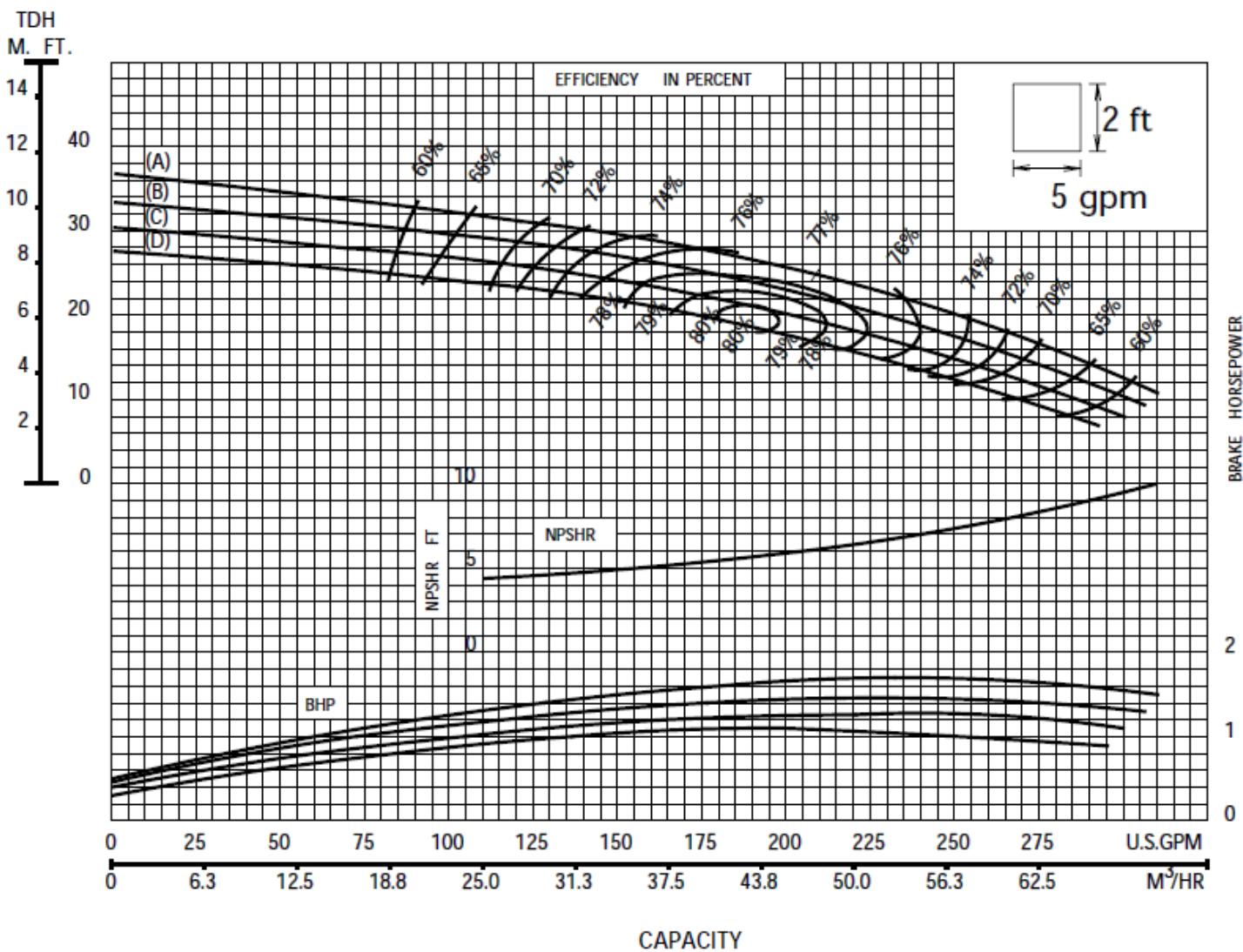
FLANGED BOWL DATA	
BOWL NUMBER	3629 C.I./ENAM.
BOWL DIAMETER	7.813 IN.
MAX. NO. STAGES	37
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
SUCTION SIZE	5 - 6 IN.
MAX. SPHERE SIZE	0.250 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

# Wilo-Vertical Turbine Pump Curve

wilo®

W8KC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3680	TRIM:	(A) 6.313" x 18°
MATERIAL	BRONZE		(B) 6.000" X 18°
TYPE	CLOSED		(C) 5.750" X 18°
THRUST FACTOR	K=3.93		(D) 5.500" X 18°
EYE AREA	5.72 SQ. IN.		Minimum submergence above eye of bottom impeller: .12 IN.
WEIGHT	5.50 LB.		

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

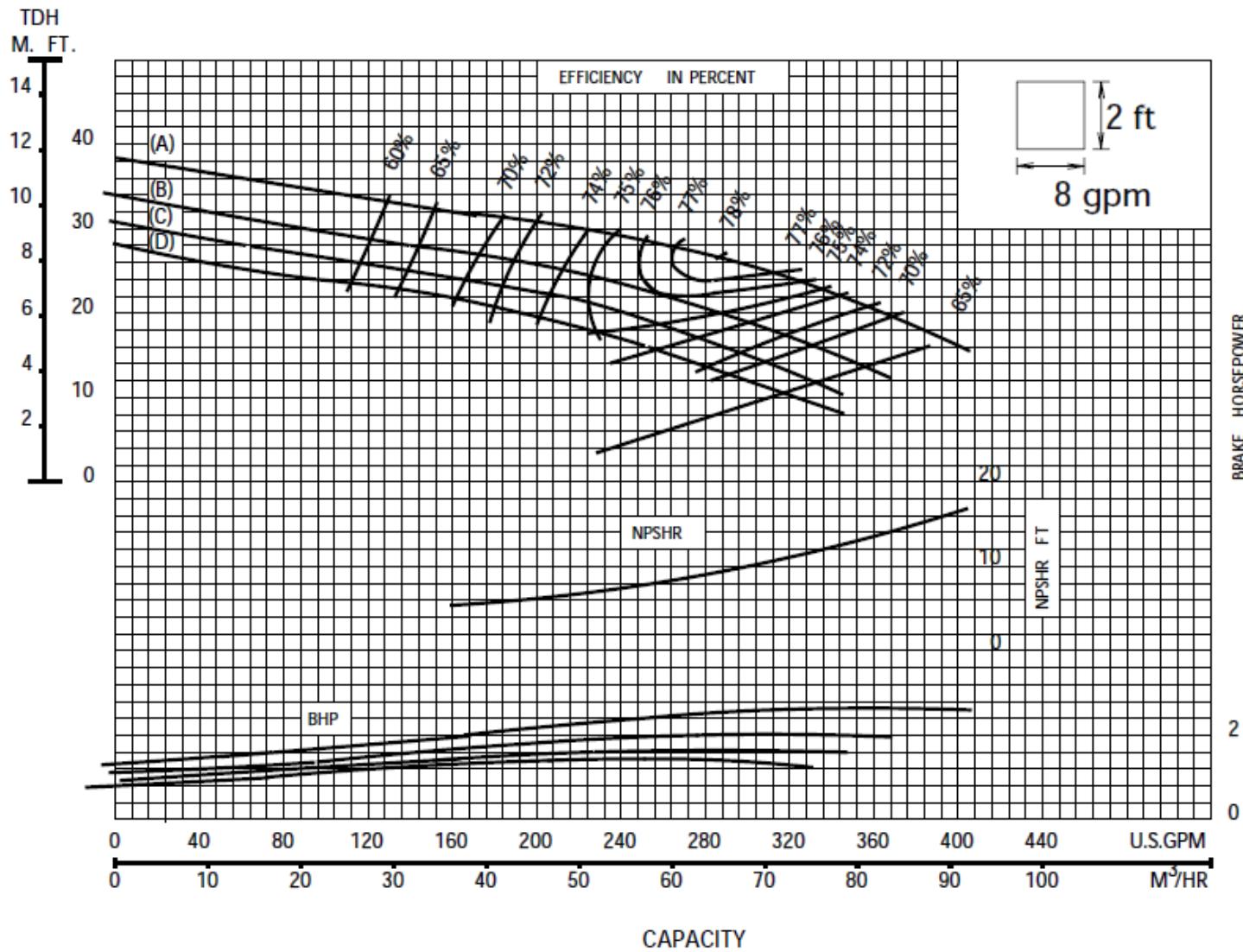
EFFICIENCY CORRECTION				
NUMBER OF BOWLS:	1	2	3	
CHANGE AS FOLLOWS:	-3	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.				

# Wilo-Vertical Turbine Pump Curve

wilo®

W8MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3589	TRIM:	(A) 6.313" x 18°
MATERIAL	BRONZE		(B) 6.000" X 18°
TYPE	CLOSED		(C) 5.750" X 18°
THRUST FACTOR	K=3.93		(D) 5.500" X 18°
EYE AREA	6.50 SQ. IN.		Minimum submergence above eye of bottom impeller: .12 IN.
WEIGHT	5.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3591 C.I./ENAM.
BOWL DIAMETER	7.938 IN.
MAX. NO. STAGES	23
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
SUCTION SIZE	5 - 6 IN.
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.					

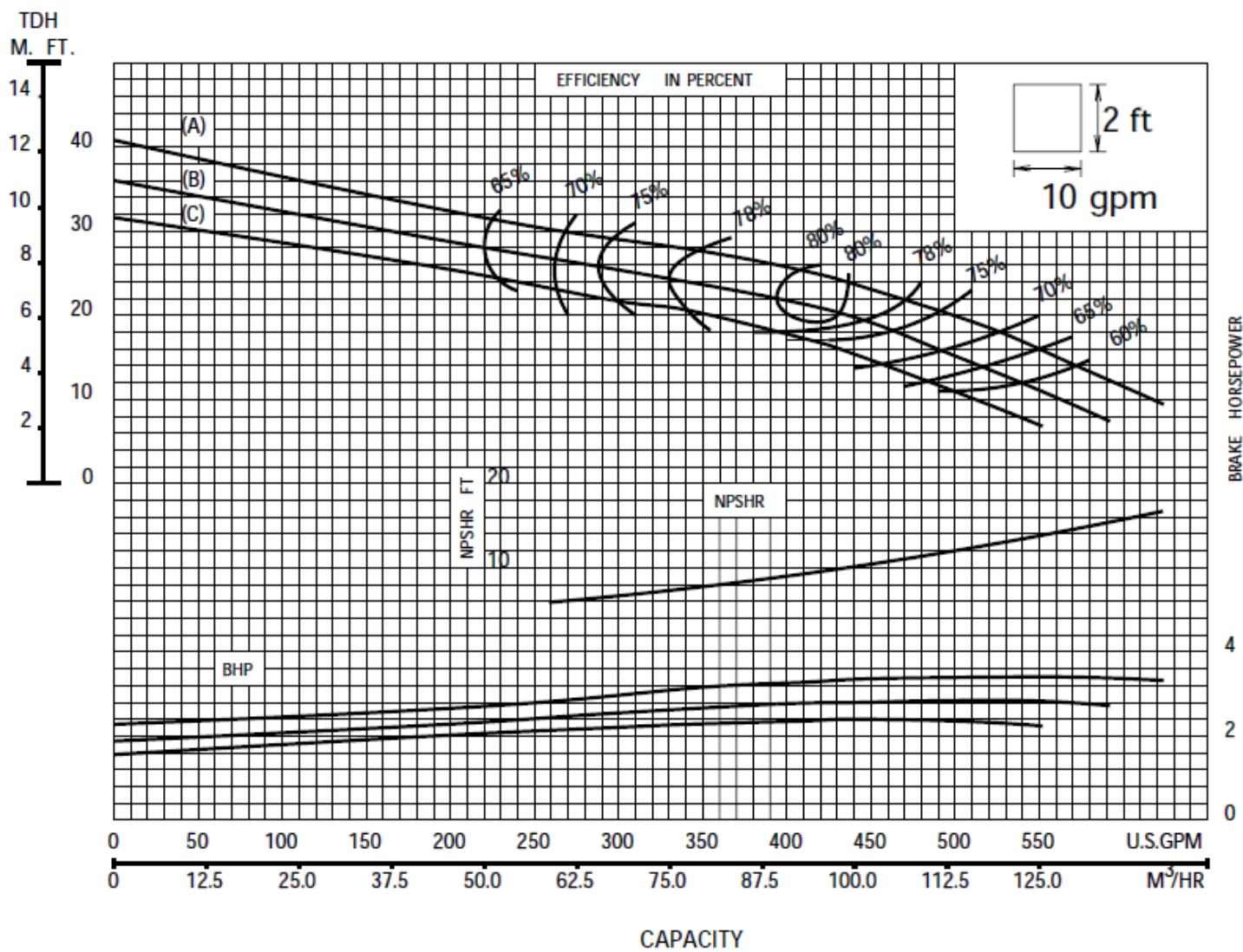
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W8EHC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2978	TRIM:	(A) 6.313" x 29.5°
MATERIAL	BRONZE		(B) 6.000" X 29.5°
TYPE	CLOSED		(C) 5.750" X 29.5°
THRUST FACTOR	K=5.40		
EYE AREA	8.33 SQ. IN.		Minimum submergence above eye of bottom impeller: .12 IN.
WEIGHT	5.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2883 C.I./ENAM.
BOWL DIAMETER	7.938 IN.
MAX. NO. STAGES	7.500
ONE STAGE WEIGHT	130 LB.
ADD STAGE WEIGHT	30 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.375 IN.
DISCHARGE SIZE	5 - 6 IN.
SUCTION SIZE	5 - 6 IN.
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	692 (SPECIAL)

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

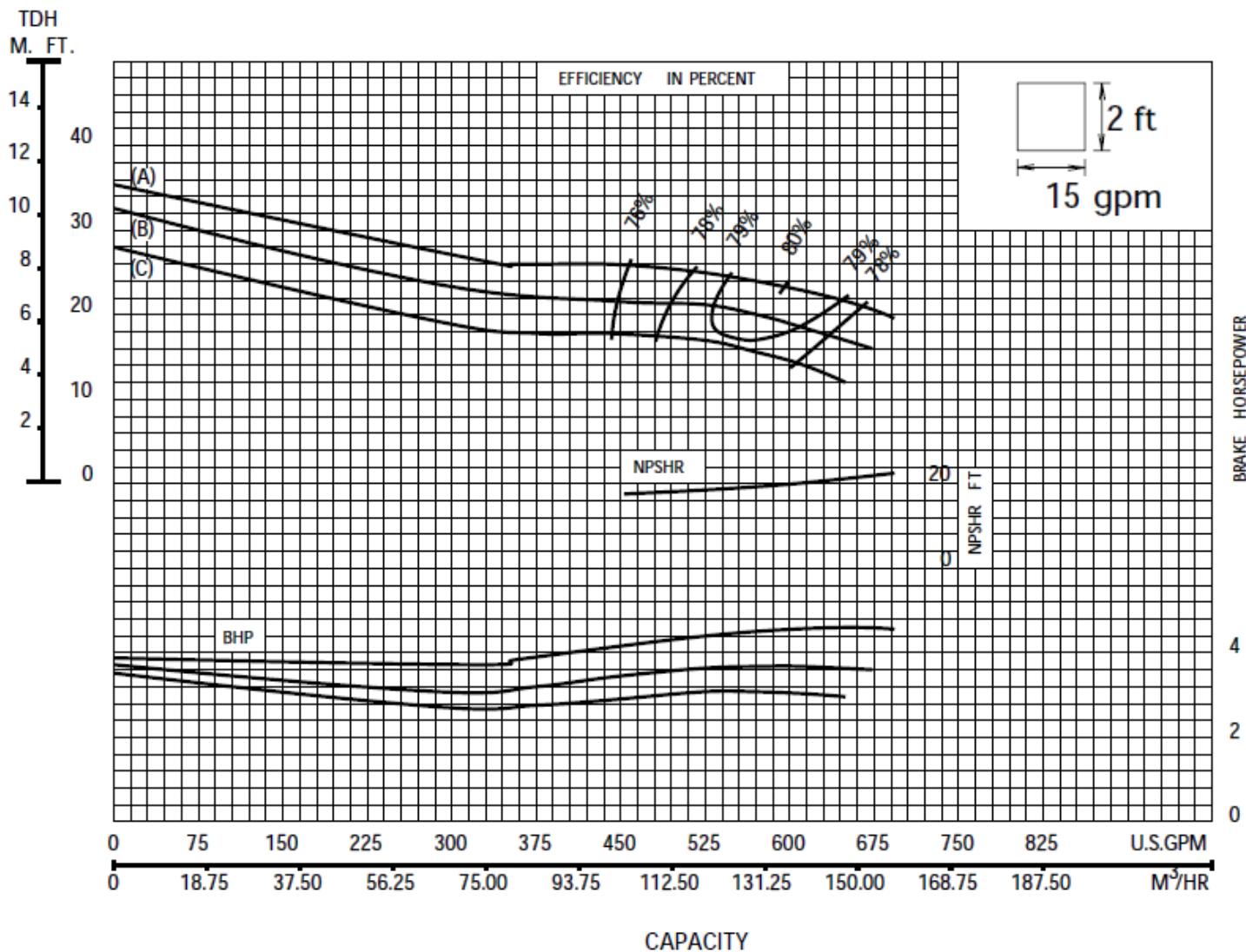
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W8WC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3050	TRIM:	(A) 6.313" x 27°
MATERIAL	BRONZE		(B) 6.000" X 27°
TYPE	CLOSED		(C) 5.688" X 27°
THRUST FACTOR	K=6.20		
EYE AREA	17.20 SQ. IN.		Minimum submergence above eye of bottom impeller: .18 IN.
WEIGHT	6.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3169 C.I./ENAM.
BOWL DIA. MAX	7.750 IN.
BOWL DIA. MIN	7.625 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	88 LB.
ADD STAGE WEIGHT	39 LB.
STD. SHAFT DIA.	1.188 IN.
STD. LATERAL	0.438 IN.
DISCHARGE SIZE	5 - 6 IN.
SUCTION SIZE	5 - 6 IN.
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.					

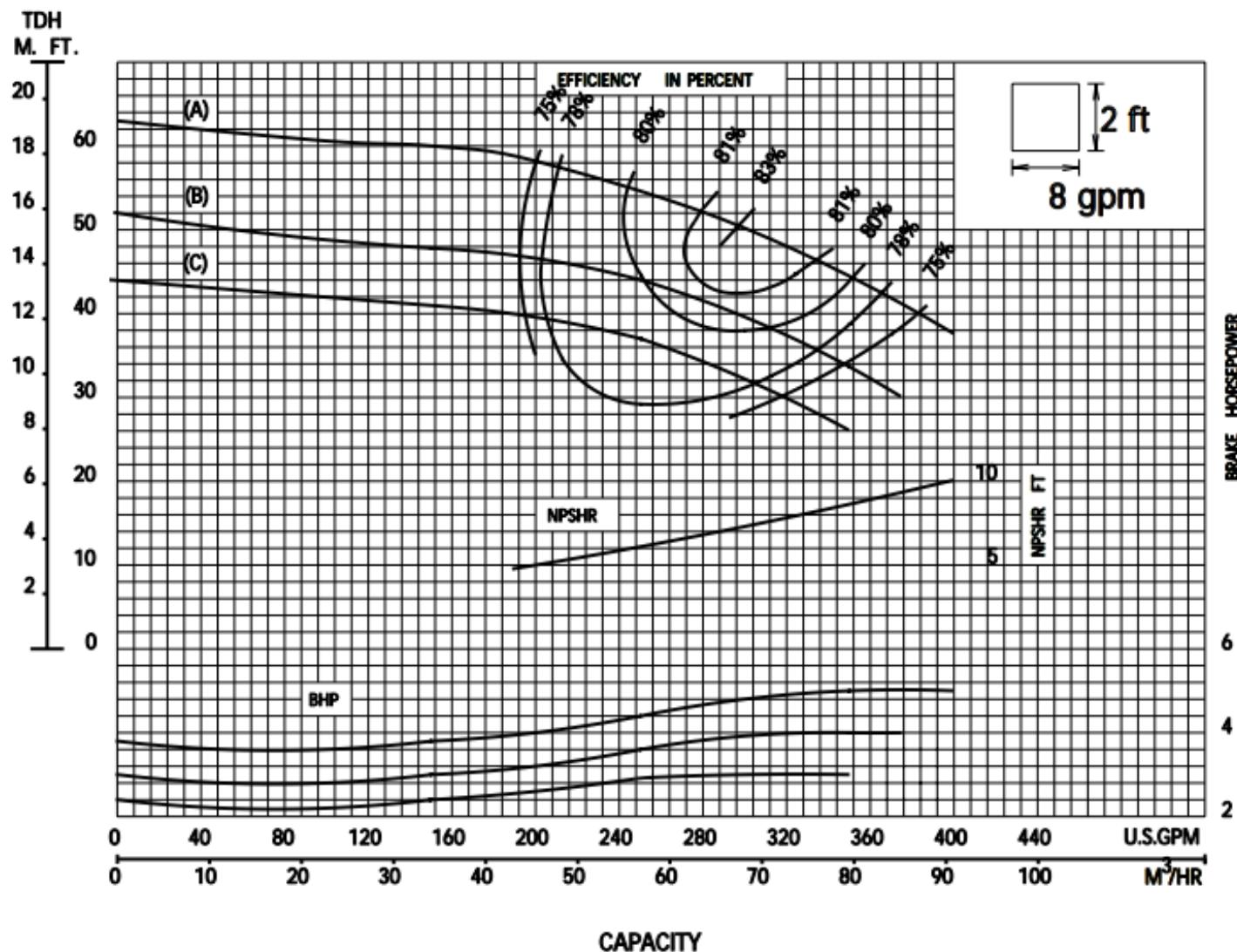
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W10JC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3094	TRIM:	(A) 7.725" x 25.5°
MATERIAL	BRONZE		(B) 7.203" X 25.5°
TYPE	CLOSED		(C) 6.797" X 25.5°
THRUST FACTOR	K=3.98		
EYE AREA	7.89 SQ. IN.		Minimum submergence above eye of bottom impeller: .22 IN.
WEIGHT	9.25 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3096 C.I./ENAM.
BOWL DIA. MAX	9.875 IN.
BOWL DIA. MIN	9.500 IN.
MAX. NO. STAGES	33
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

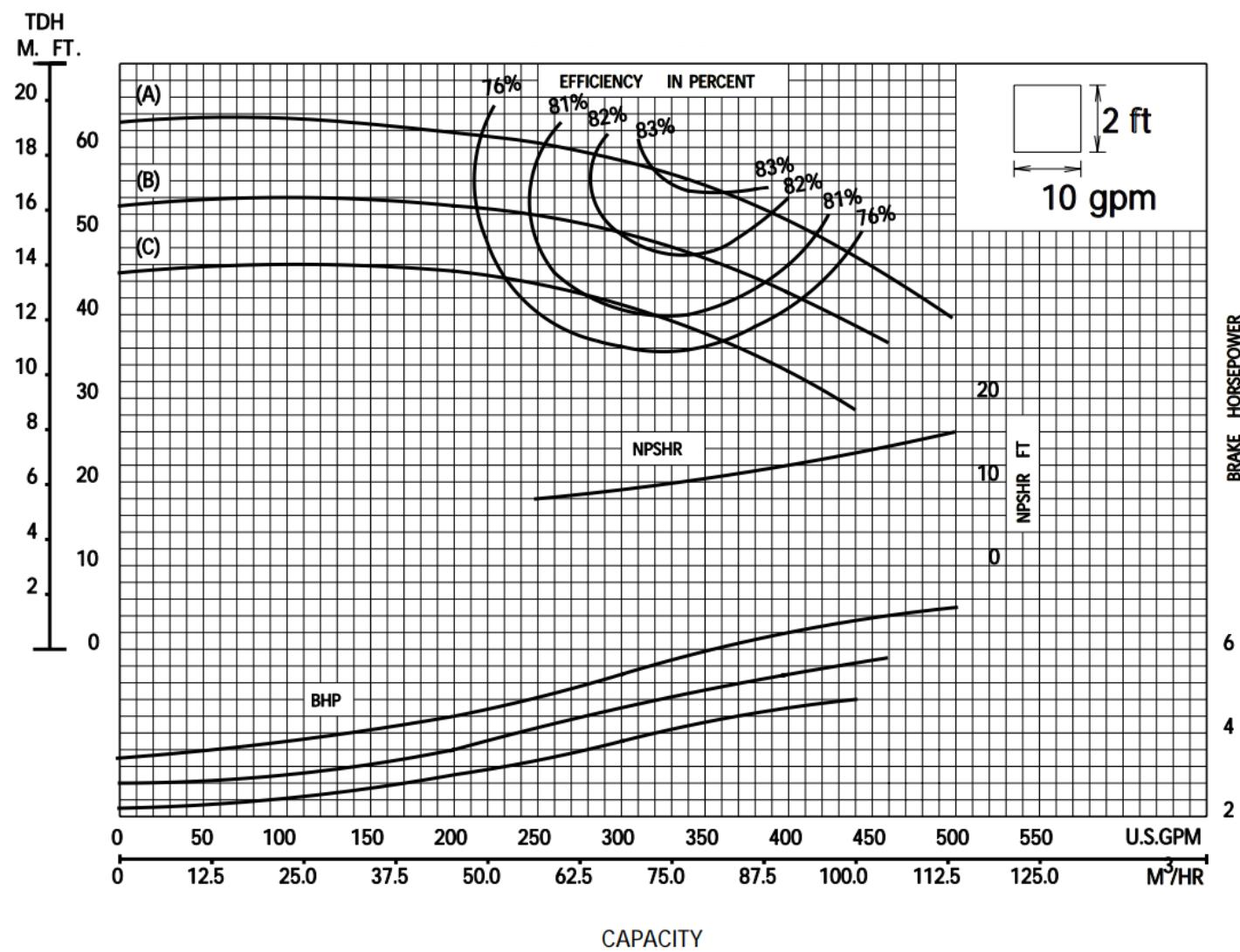
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W10KC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3095	TRIM:	(A) 7.725" x 25.5°
MATERIAL	BRONZE		(B) 7.203" X 25.5°
TYPE	CLOSED		(C) 6.797" X 25.5°
THRUST FACTOR	K=4.20		
EYE AREA	7.89 SQ. IN.		Minimum submergence above eye of bottom impeller: .22 IN.
WEIGHT	9.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3096 C.I./ENAM.
BOWL DIA. MAX	9.875 IN.
BOWL DIA. MIN	9.500 IN.
MAX. NO. STAGES	33
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

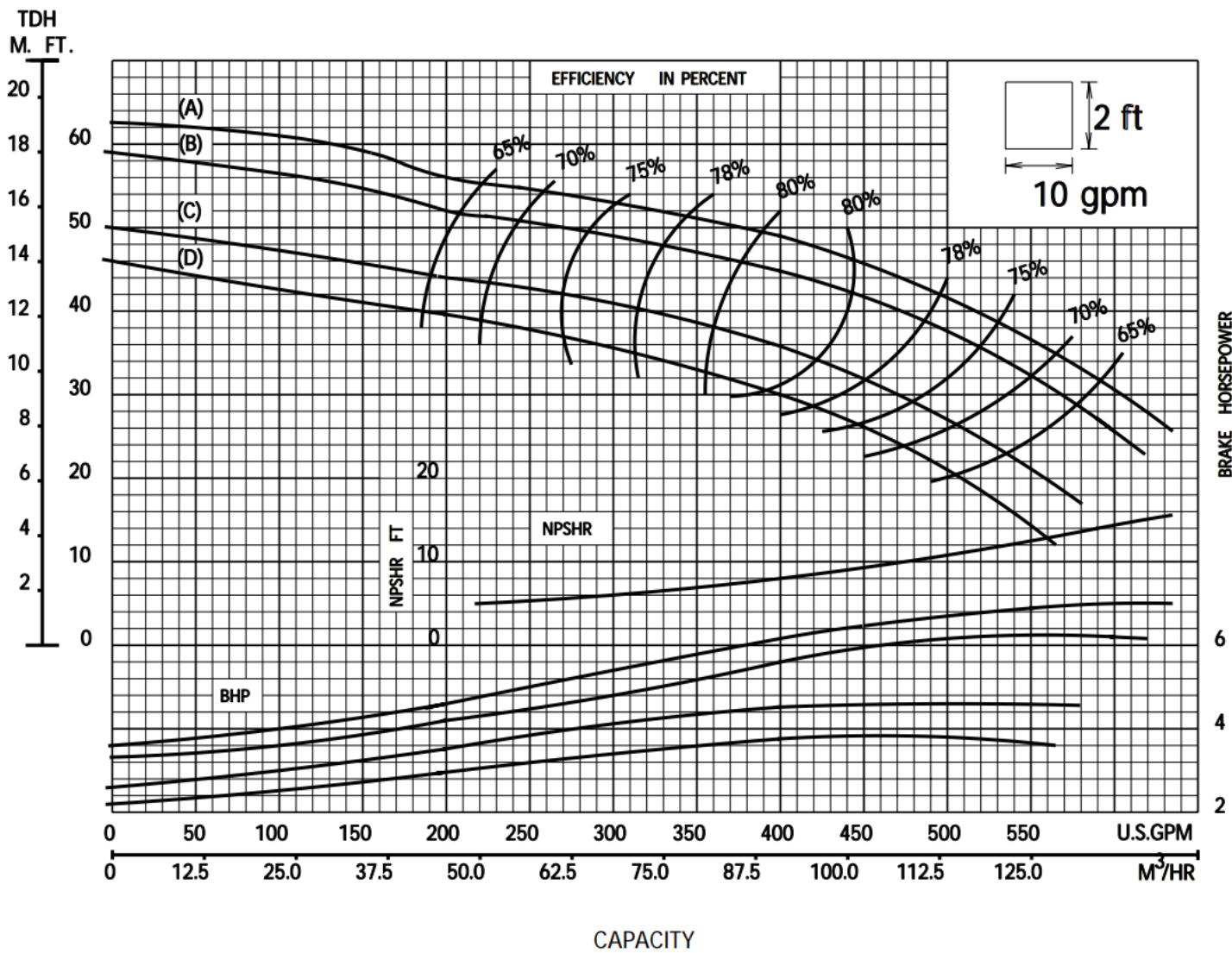
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W10LC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3102	TRIM:	(A) 7.688" x 20°
MATERIAL	BRONZE		(B) 7.500" X 20°
TYPE	CLOSED		(C) 6.875" X 20°
THRUST FACTOR	K=6.60		
EYE AREA	10.17 SQ. IN.		Minimum submergence above eye of bottom impeller: .22 IN.
WEIGHT	9.75 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3098 C.I./ENAM.
BOWL DIA. MAX	9.500 IN.
BOWL DIA. MIN	9.250 IN.
MAX. NO. STAGES	34
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

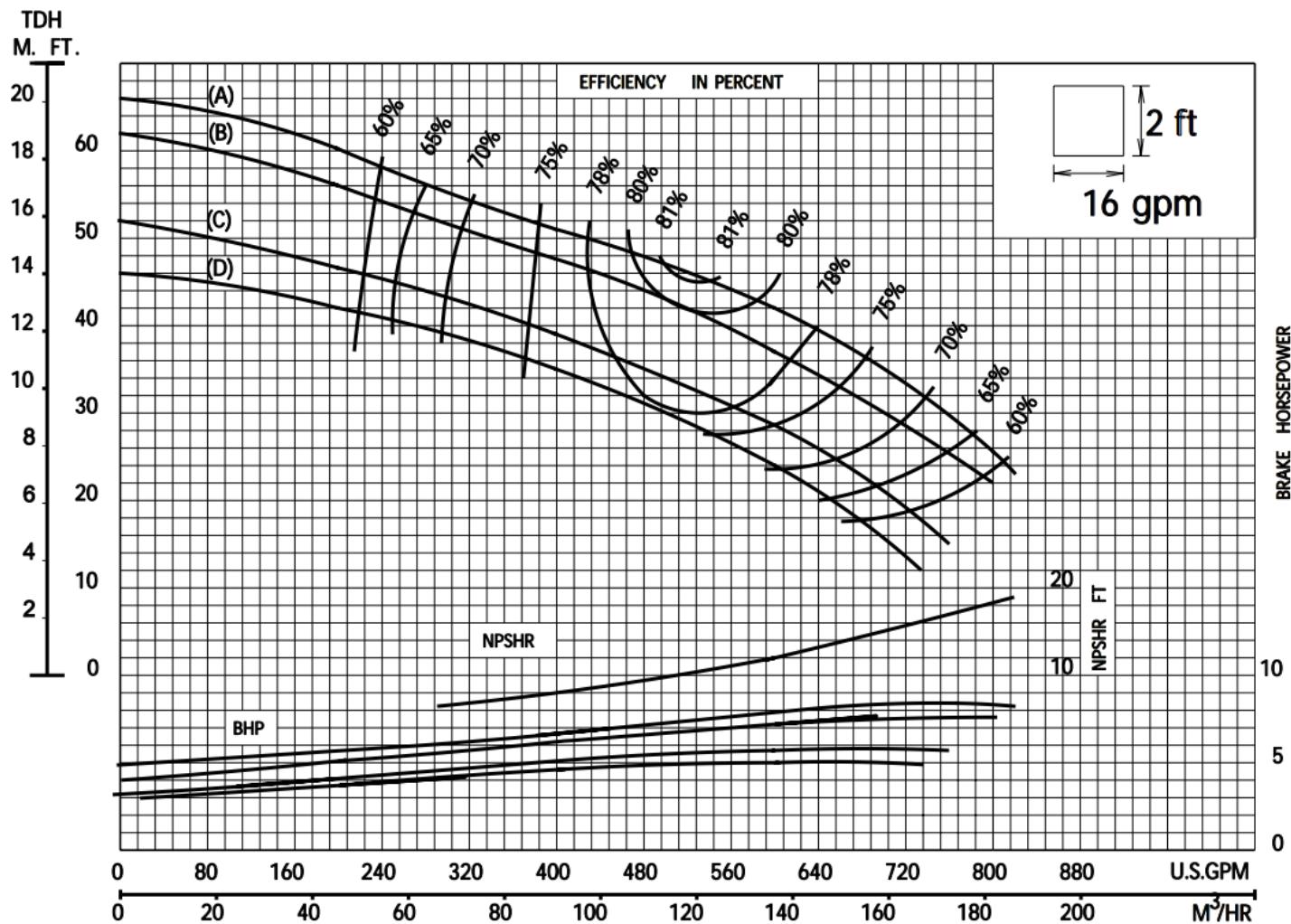
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W10MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3097	TRIM:	(A) 7.688" x 26°
MATERIAL	BRONZE		(B) 7.500" X 26°
TYPE	CLOSED		(C) 7.125" X 26°
THRUST FACTOR	K=6.60		(D) 6.875" X 26°
EYE AREA	11.74 SQ. IN.	Minimum submergence above eye of bottom impeller: .24 IN.	
WEIGHT	8.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3098 C.I./ENAM.
BOWL DIA. MAX	9.500 IN.
BOWL DIA. MIN	9.250 IN.
MAX. NO. STAGES	30
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

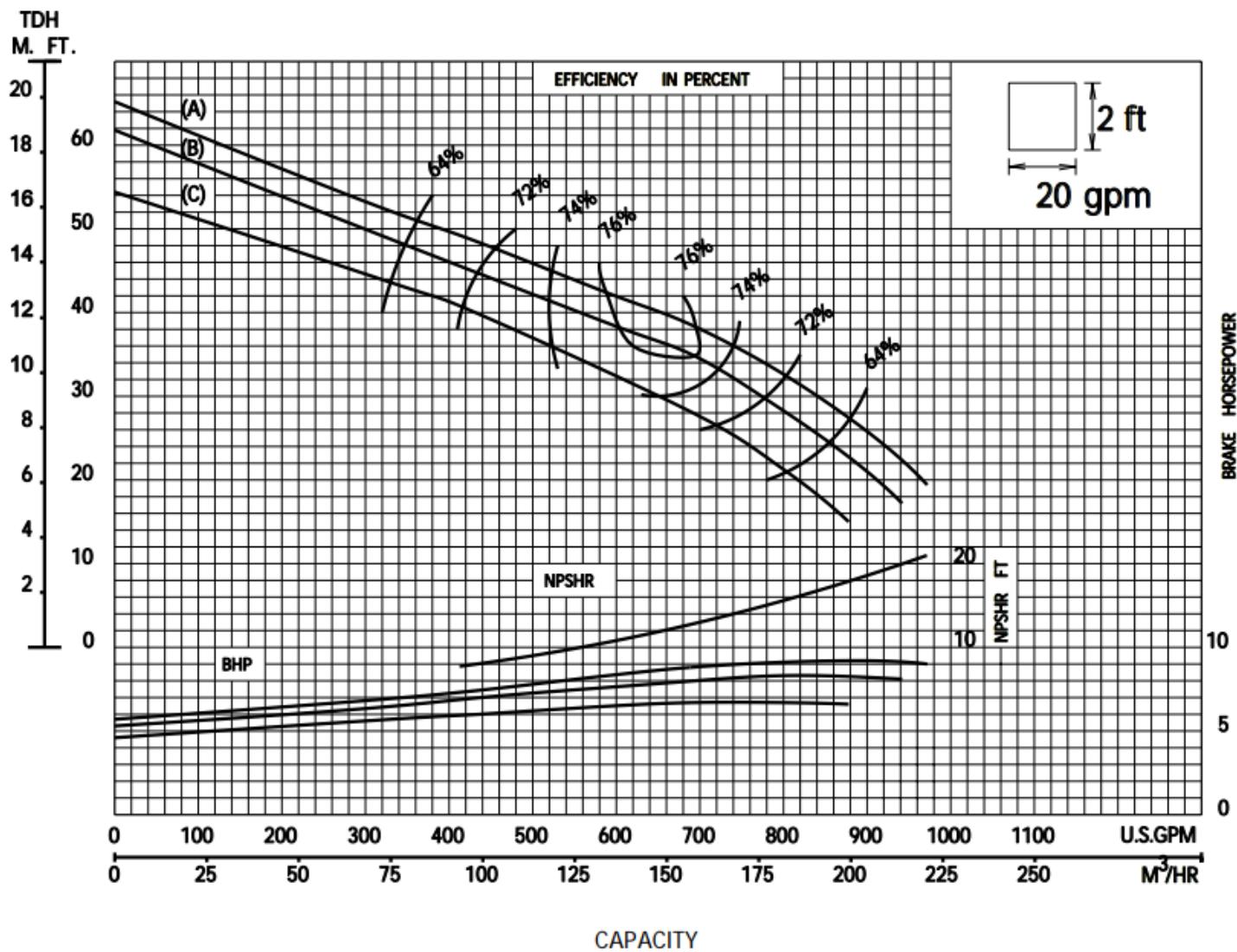
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W10HC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2967	TRIM:	(A) 7.688" x 27°
MATERIAL	BRONZE		(B) 7.500" X 27°
TYPE	CLOSED		(C) 7.125" X 27°
THRUST FACTOR	K=8.10		
EYE AREA	14.90 SQ. IN.		Minimum submergence above eye of bottom impeller: .27 IN.
WEIGHT	8.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2968 C.I./ENAM.
BOWL DIA. MAX	9.500 IN.
BOWL DIA. MIN	9.250 IN.
MAX. NO. STAGES	27
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

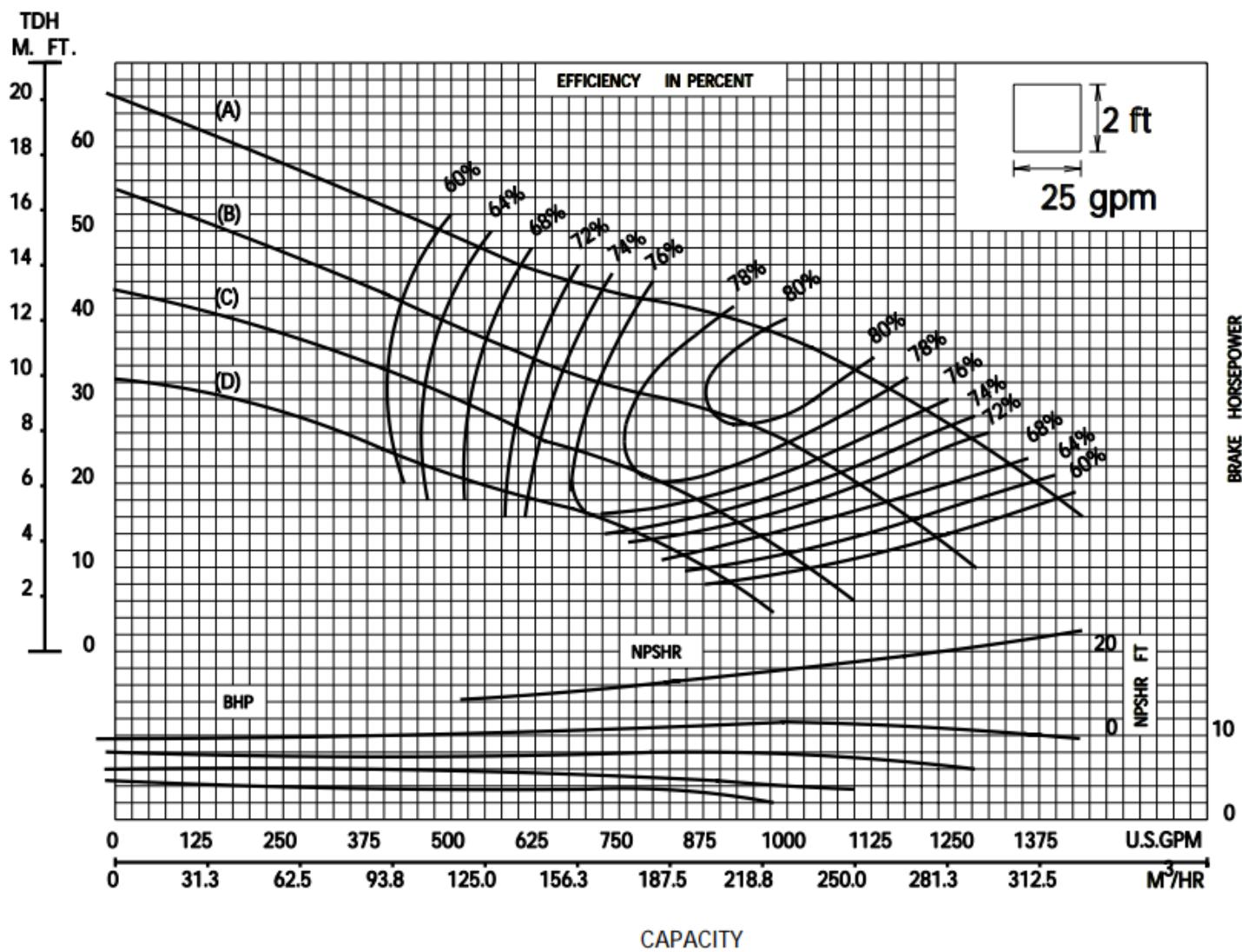
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W10YC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3540	TRIM:	(A) 8.250" x 33.25°
MATERIAL	BRONZE		(B) 7.750" X 33.25°
TYPE	CLOSED		(C) 7.250" X 33.25°
THRUST FACTOR	K=10.30		(D) 6.750" X 33.25°
EYE AREA	19.40 SQ. IN.		Minimum submergence above eye of bottom impeller: .28 IN.
WEIGHT	11.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3541 C.I./ENAM.
BOWL DIA. MAX	9.875 IN.
BOWL DIA. MIN	9.500 IN.
MAX. NO. STAGES	28
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

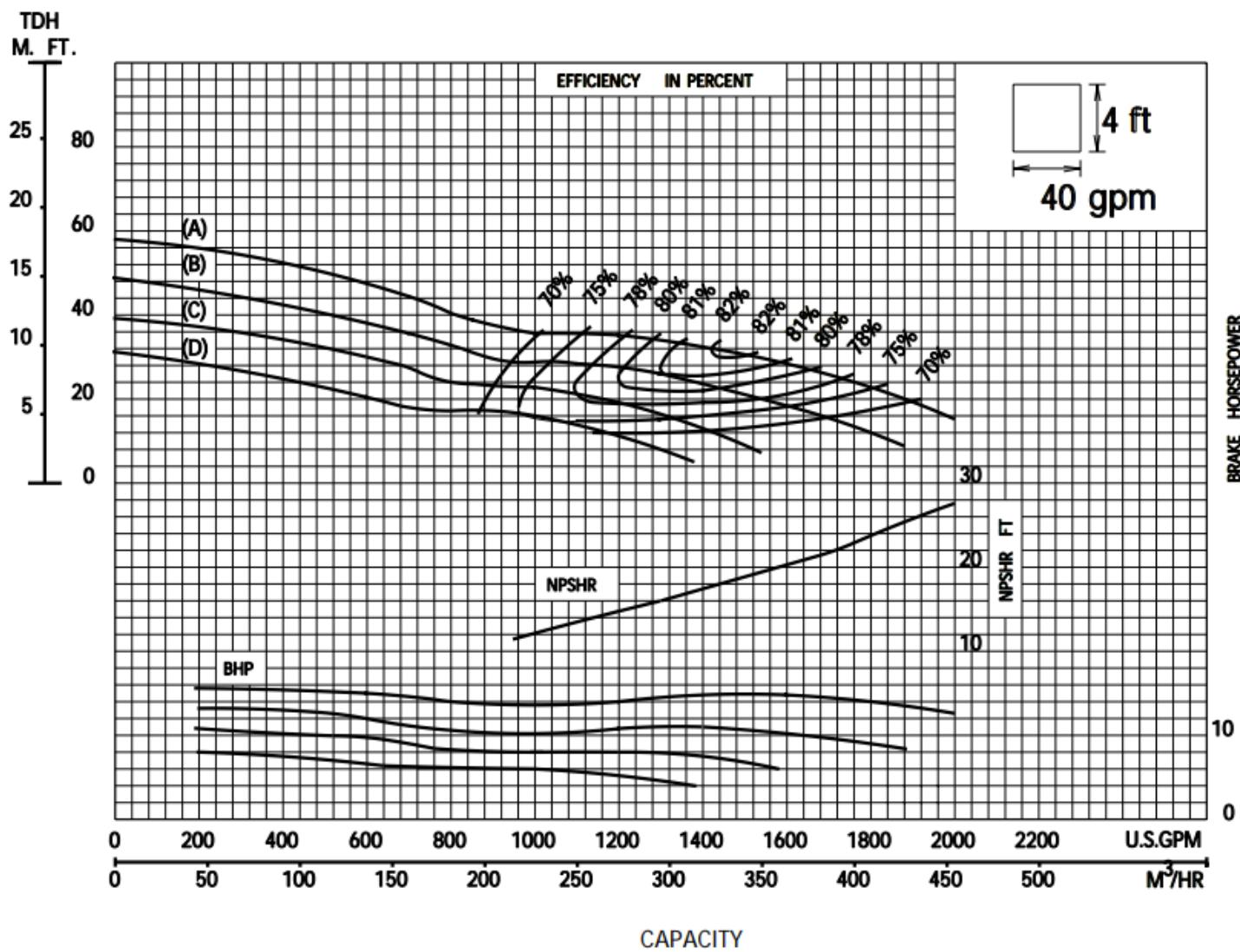
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

W10ZC

**1760 RPM**



IMPELLER DATA			
IMPELLER NUMBER	3862	TRIM:	(A) 8.250" x 42°
MATERIAL	BRONZE		(B) 7.875" X 42°
TYPE	CLOSED		(C) 7.500" X 42°
THRUST FACTOR	K=13.60		(D) 7.125" X 42°
EYE AREA	26.70 SQ. IN.		Minimum submergence above eye of bottom impeller: .30 IN.
WEIGHT	9.75 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3864 C.I./ENAM.
BOWL DIA. MAX	9.875 IN.
BOWL DIA. MIN	9.500 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	250 LB.
ADD STAGE WEIGHT	60 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

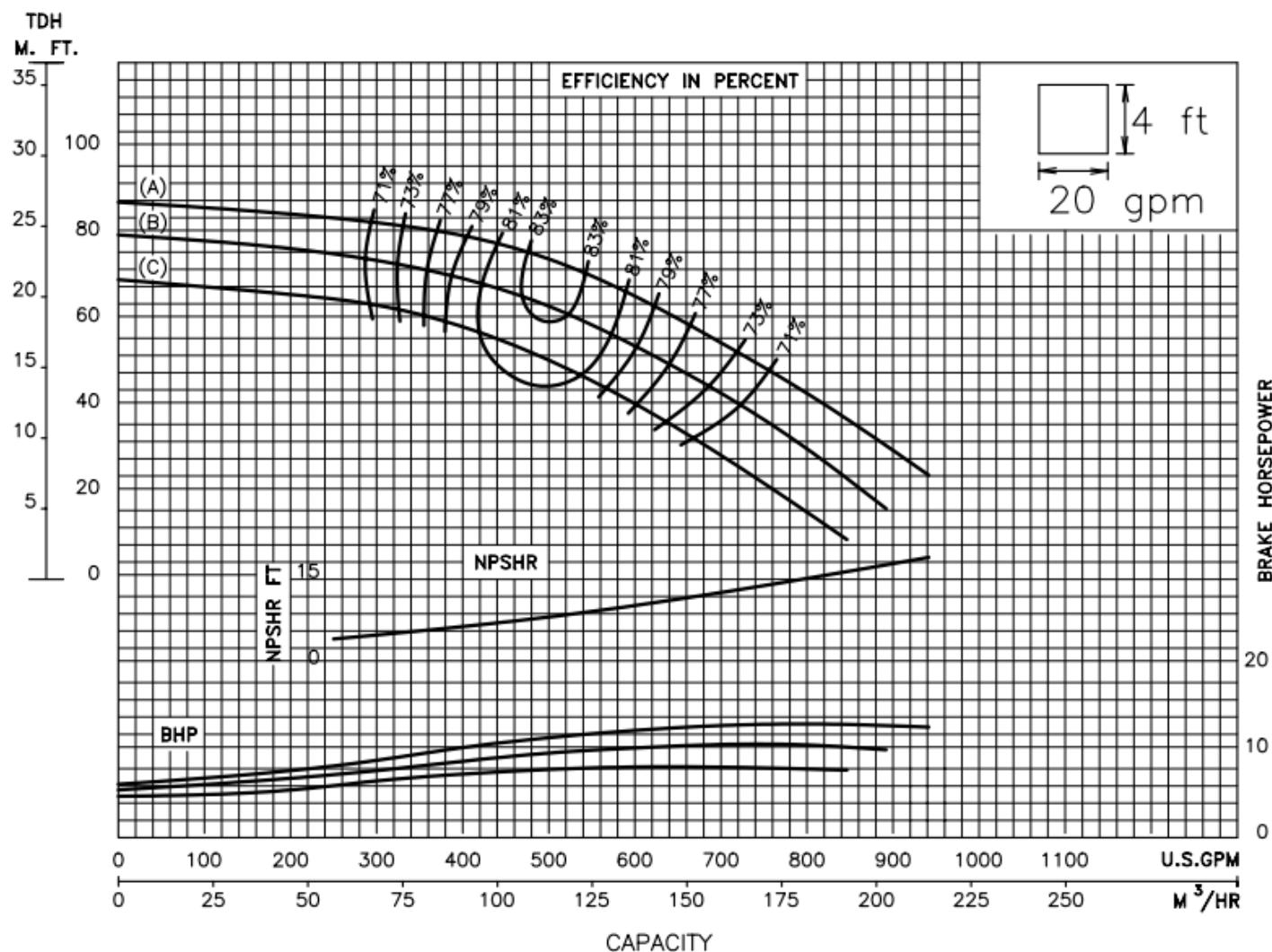
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12DC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2995	TRIM:	(A) 9.313" x 25°
MATERIAL	BRONZE		(B) 8.875" X 25°
TYPE	CLOSED		(C) 8.375" X 25°
THRUST FACTOR	K=5.13		
EYE AREA	15.9 SQ. IN.		Minimum submergence above eye of bottom impeller: .16 IN.
WEIGHT	14.25 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2993 C.I./ENAM.
BOWL DIA. MAX	11.625 IN.
BOWL DIA. MIN	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
MAX. SPHERE SIZE	0.625 IN.
MAX. OPERATIONAL P.S.I.	585 (SPECIAL)

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

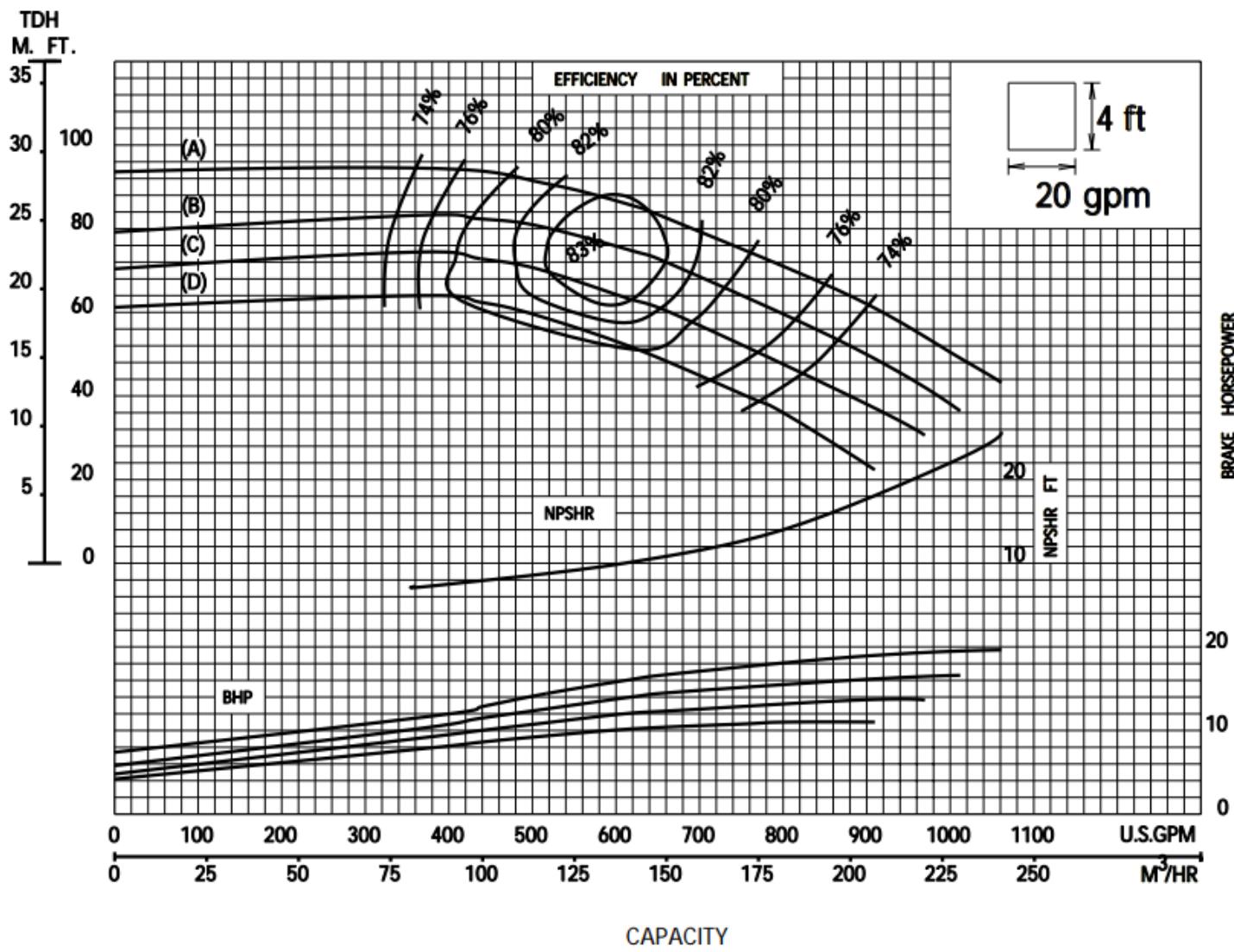
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12JC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2990	TRIM:	(A) 9.500" x 25°
MATERIAL	BRONZE		(B) 9.000" X 25°
TYPE	CLOSED		(C) 8.500" X 25°
THRUST FACTOR	K=6.60		(D) 8.000" X 25°
EYE AREA	15.90 SQ. IN.		Minimum submergence above eye of bottom impeller: .18 IN.
WEIGHT	14.25 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2993 C.I./ENAM.
BOWL DIA. MAX	11.625 IN.
BOWL DIA. MIN	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 IN.
SUCTION SIZE	6 - 8 IN.
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.					

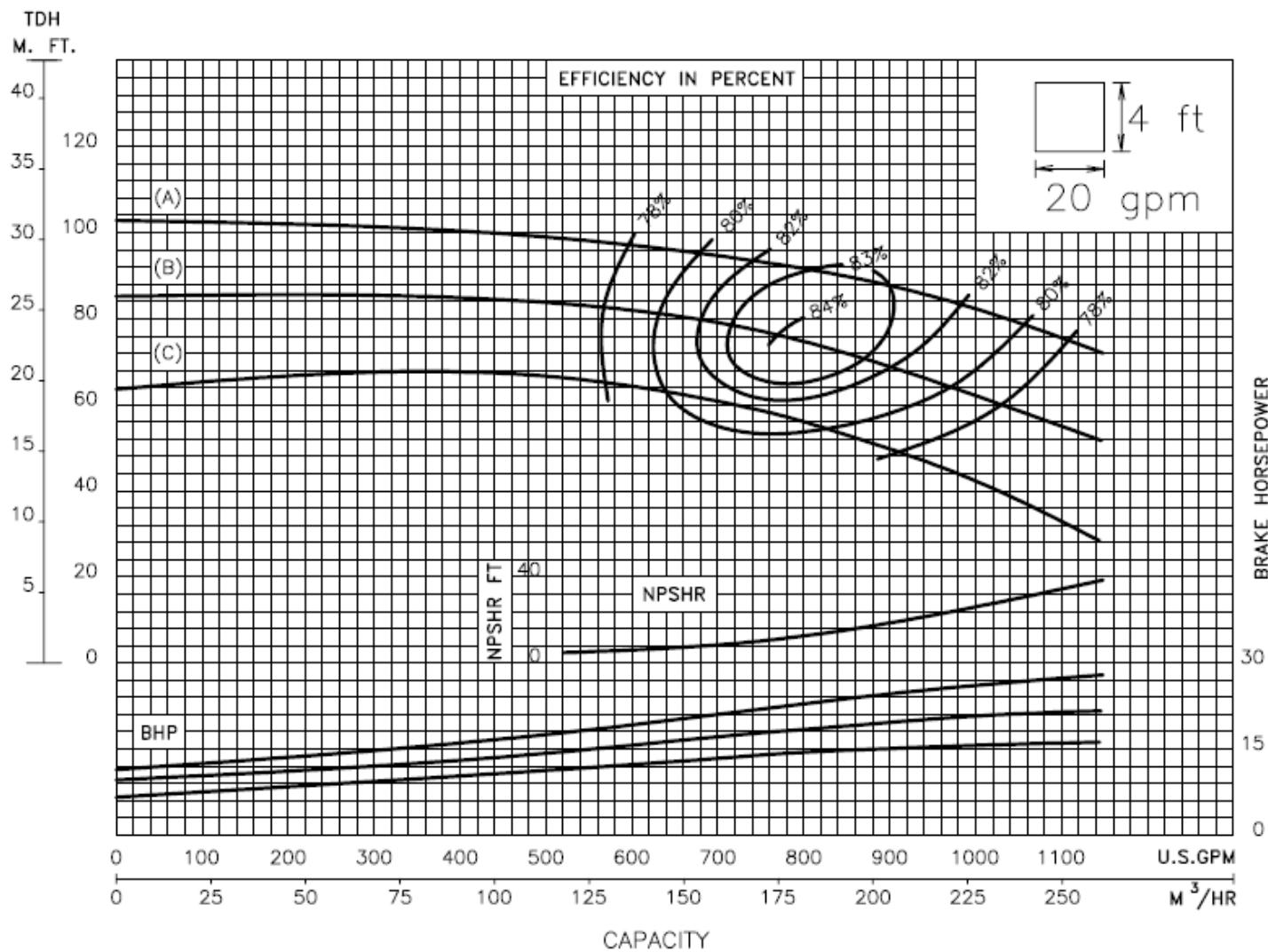
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

**W12NC**

**1760 RPM**



IMPELLER DATA			
IMPELLER NUMBER	0704	TRIM:	(A) 9.703" x 26°
MATERIAL	BRONZE		(B) 9.000" X 26°
TYPE	CLOSED		(C) 8.250" X 26°
THRUST FACTOR	K=4.4		
EYE AREA	14.1 SQ. IN.		Minimum submergence above eye of bottom impeller: 30 IN.
WEIGHT	12.5 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	0902 C.I./ENAM.
BOWL DIA. MAX	12.188 IN.
BOWL DIA. MIN	11.750 IN.
MAX. NO. STAGES	13
ONE STAGE WEIGHT	245 LB.
ADD STAGE WEIGHT	102 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.				

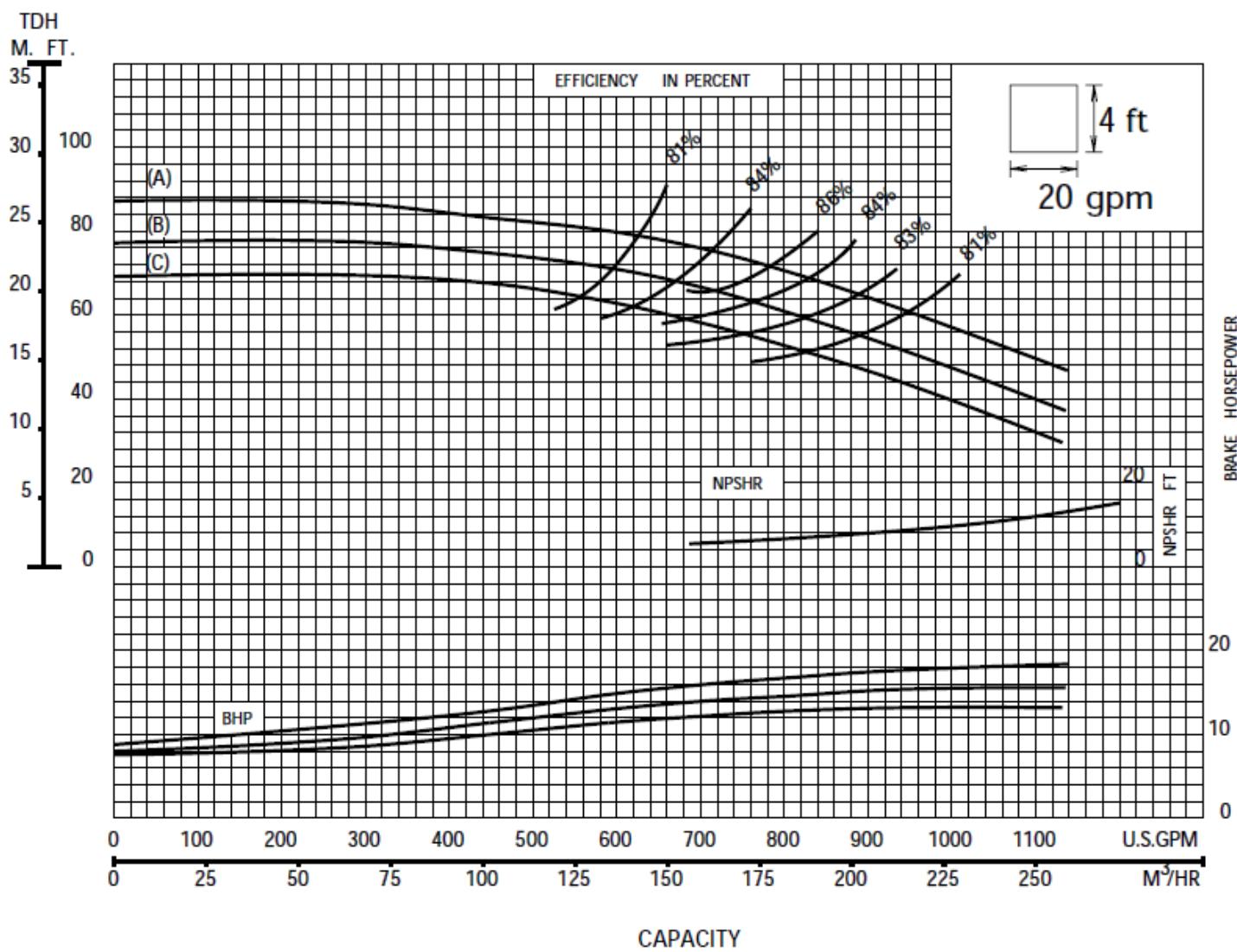
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

W12IC

**1760 RPM**



IMPELLER DATA			
IMPELLER NUMBER	2996	TRIM:	(A) 9.313" x 23°
MATERIAL	BRONZE		(B) 8.750" X 23°
TYPE	CLOSED		(C) 8.500" X 23°
THRUST FACTOR	K=6.75		
EYE AREA	18.14 SQ. IN.		Minimum submergence above eye of bottom impeller: 30 IN.
WEIGHT	15.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2994 C.I./ENAM.
BOWL DIA. MAX	12.000 IN.
BOWL DIA. MIN	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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:	-4	-3	2	-1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

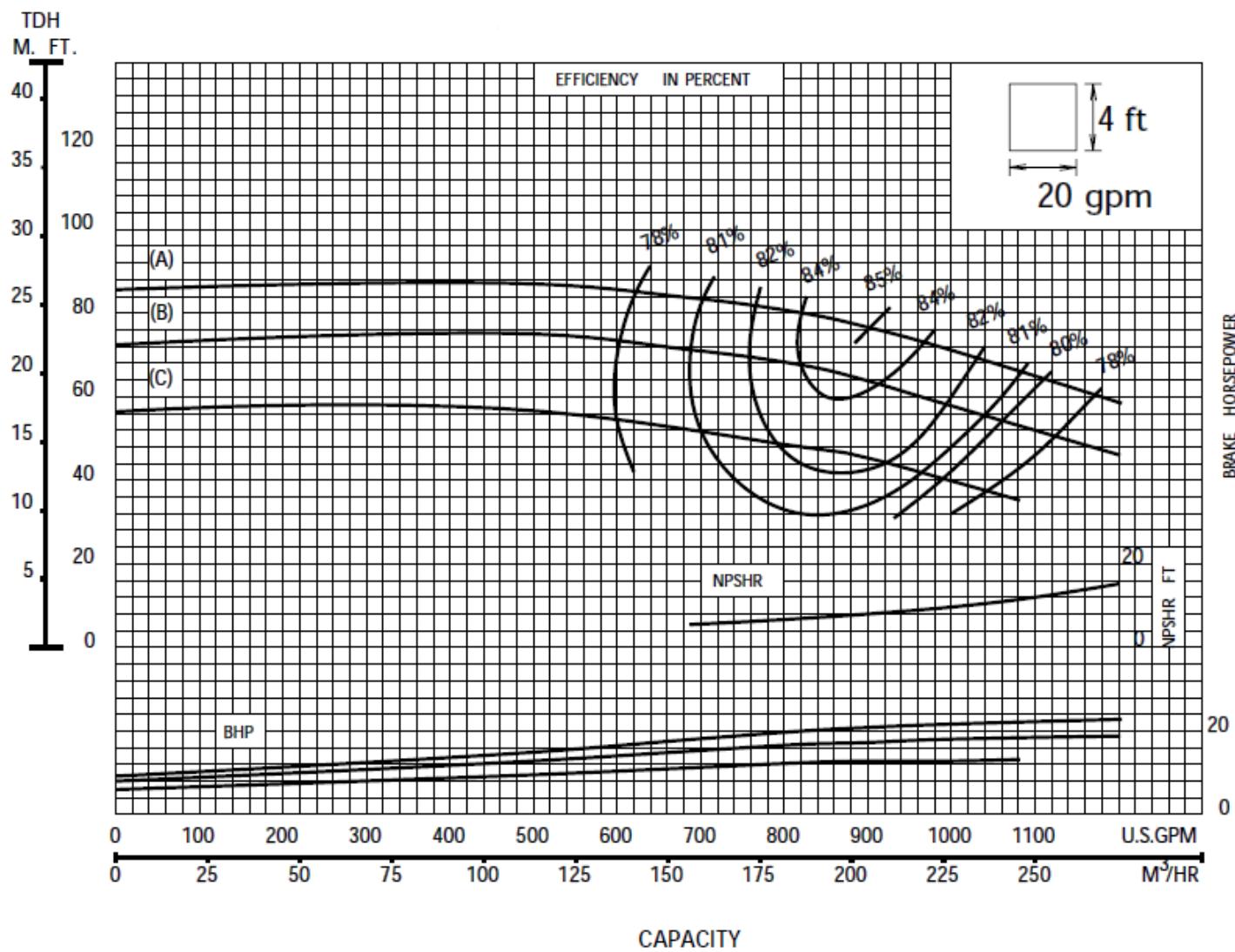
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12KC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2991	TRIM:	(A) 9.313" x 23°
MATERIAL	BRONZE		(B) 8.750" X 23°
TYPE	CLOSED		(C) 7.938" X 23°
THRUST FACTOR	K=6.50		
EYE AREA	18.14 SQ. IN.		Minimum submergence above eye of bottom impeller: 30 IN.
WEIGHT	16.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2994 C.I./ENAM.
BOWL DIA. MAX	12.000 IN.
BOWL DIA. MIN	11.500 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
MAX. SPHERE SIZE	0.625 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.					

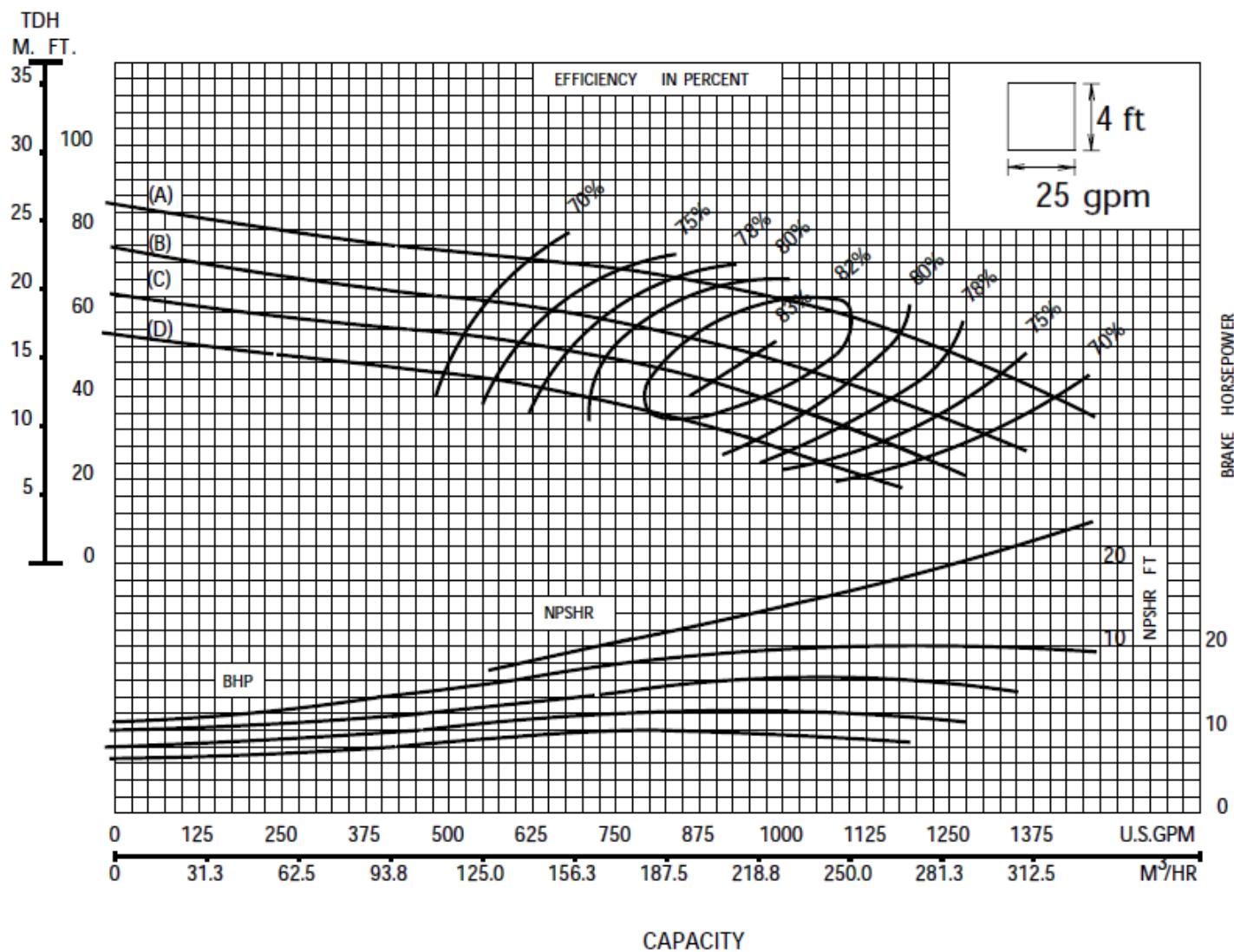
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

**W12LC**

**1760 RPM**



IMPELLER DATA			
IMPELLER NUMBER	3778	TRIM:	(A) 9.375" x 21.5"
MATERIAL	BRONZE		(B) 8.750" X 21.5"
TYPE	CLOSED		(C) 7.938" X 21.5"
THRUST FACTOR	K=10.60		
EYE AREA	20.10 SQ. IN.		Minimum submergence above eye of bottom impeller: 24 IN.
WEIGHT	15.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2952 C.I./ENAM.
BOWL DIA. MAX	11.563 IN.
BOWL DIA. MIN	11.250 IN.
MAX. NO. STAGES	19
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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:	-4	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

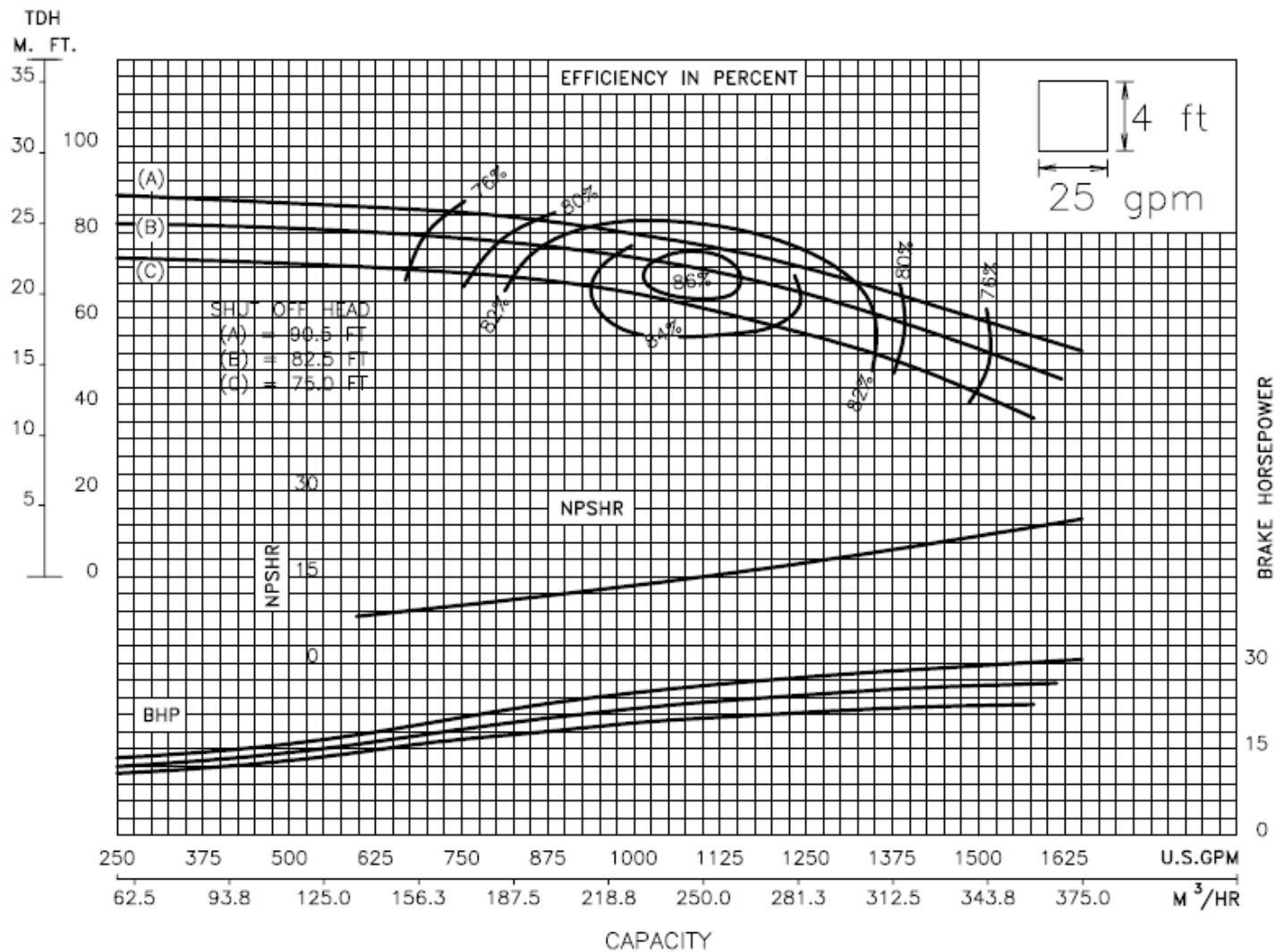
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12GC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3850	TRIM:	(A) 9.500" x 24°
MATERIAL	BRONZE		(B) 9.125" x 24°
TYPE	CLOSED		(C) 8.750" x 24°
THRUST FACTOR	K=5.1		
EYE AREA	20.63 SQ. IN.		Minimum submergence above eye of bottom impeller: 24 IN.
WEIGHT	17.5 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3841 C.I./ENAM.
BOWL DIA. MAX	11.938 IN.
BOWL DIA. MIN	11.750 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	265 LB.
ADD STAGE WEIGHT	126 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.					

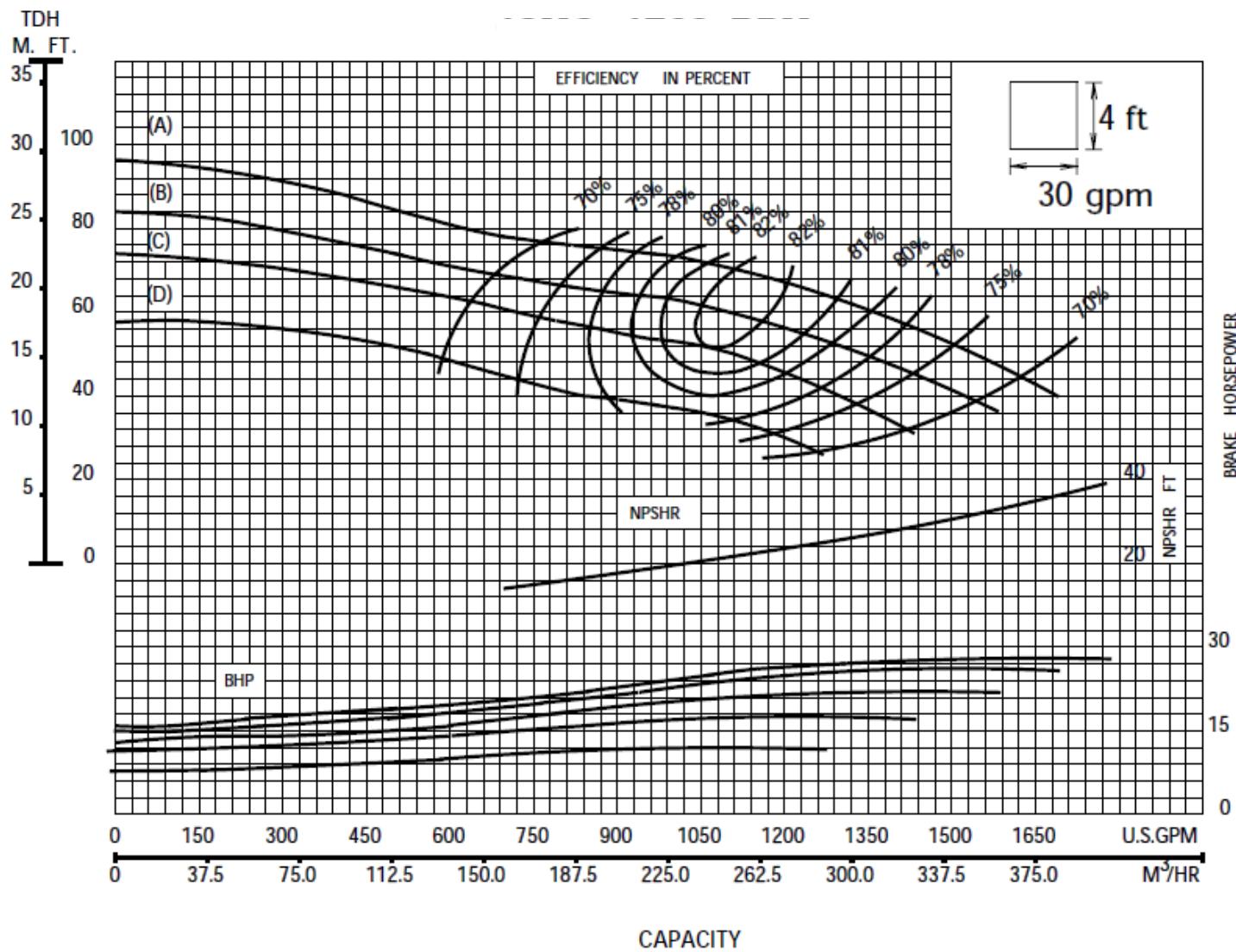
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2951	TRIM:	(A) 9.375" x 21.5°
MATERIAL	BRONZE		(B) 9.000" x 21.5°
TYPE	CLOSED		(C) 8.625" x 21.5°
THRUST FACTOR	K=10.60		(D) 8.000 x 21.5°
EYE AREA	20.10 SQ. IN.		Minimum submergence above eye of bottom impeller: 24 IN.
WEIGHT	15 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2952 C.I./ENAM.
BOWL DIA. MAX	11.563 IN.
BOWL DIA. MIN	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.					

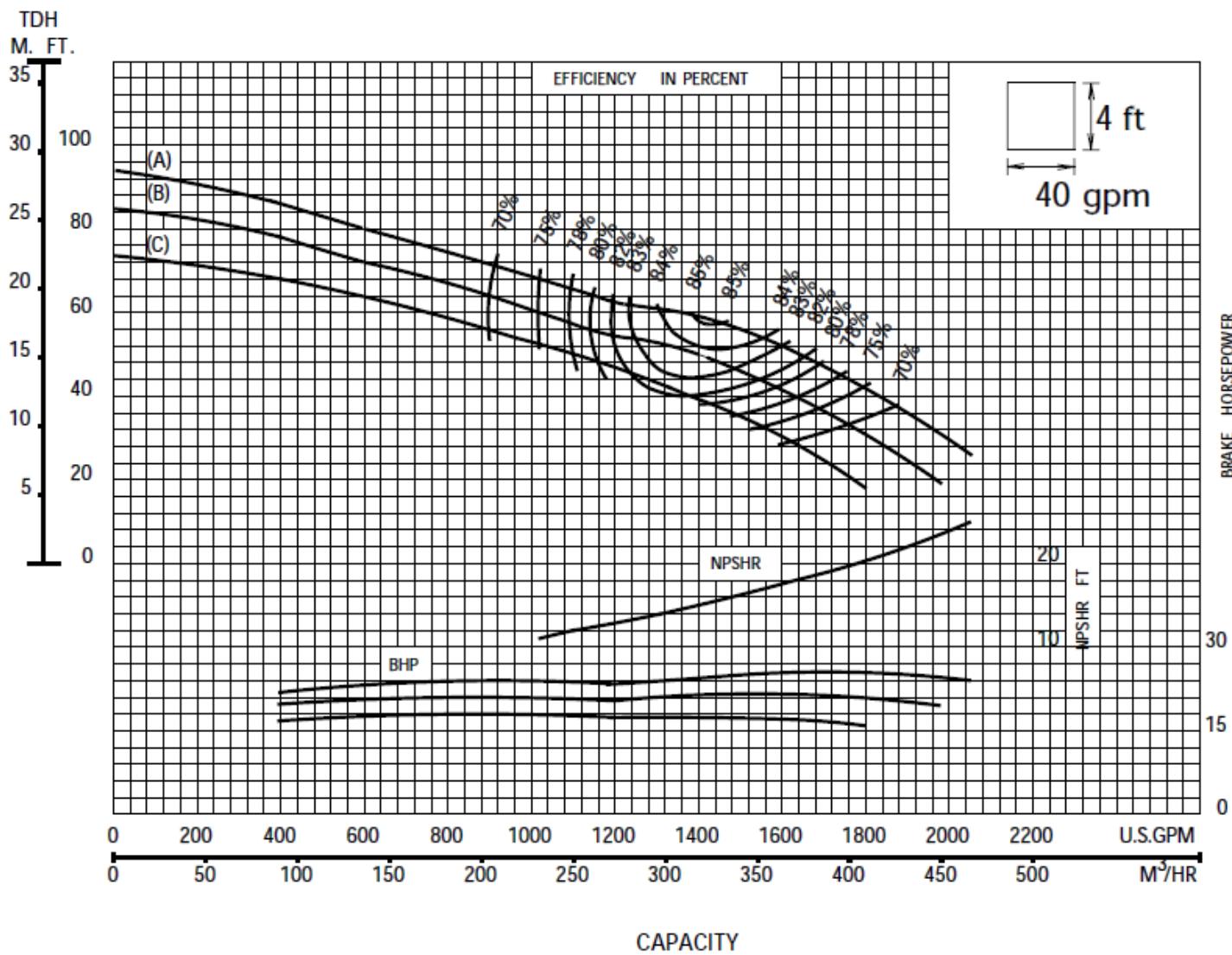
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

**W12HC**

**1760 RPM**



IMPELLER DATA			
IMPELLER NUMBER	2914	TRIM:	(A) 9.563" x 30°
MATERIAL	BRONZE		(B) 9.281" x 30°
TYPE	CLOSED		(C) 8.875" x 30°
THRUST FACTOR	K=16.50		
EYE AREA	32.40 SQ. IN.		Minimum submergence above eye of bottom impeller: 26 IN.
WEIGHT	11.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2915 C.I./ENAM.
BOWL DIA. MAX	11.563 IN.
BOWL DIA. MIN	11.250 IN.
MAX. NO. STAGES	15
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.					

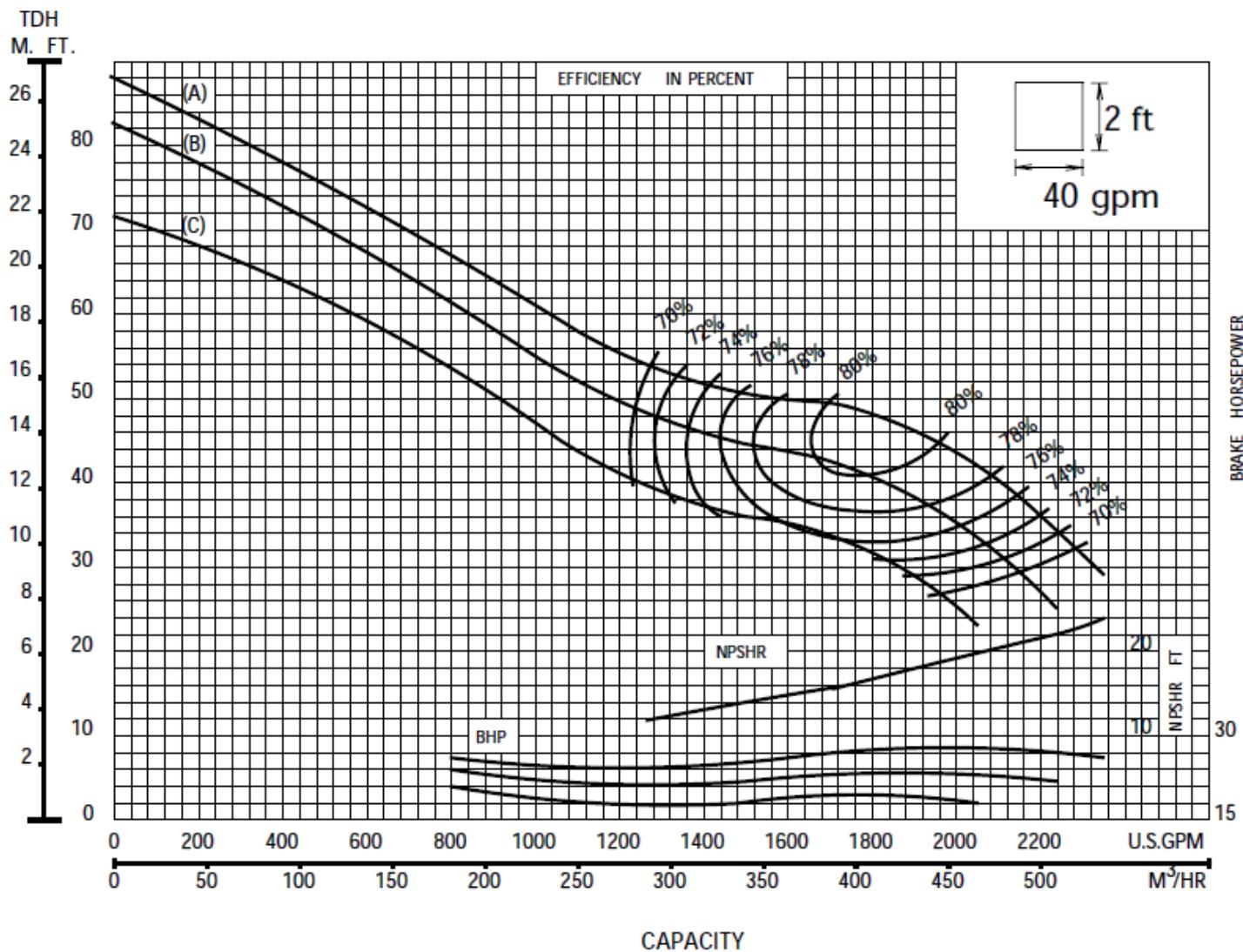
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12XC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3360	TRIM:	(A) 9.563" x 26.5°
MATERIAL	BRONZE		(B) 9.250" x 26.5°
TYPE	CLOSED		(C) 8.875" x 26.5°
THRUST FACTOR	K=18.20		
EYE AREA	35.60 SQ. IN.		Minimum submergence above eye of bottom impeller: 28 IN.
WEIGHT	15.25 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3361 C.I./ENAM.
BOWL DIA. MAX	11.563 IN.
BOWL DIA. MIN	11.250 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	340 LB.
ADD STAGE WEIGHT	100 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.					

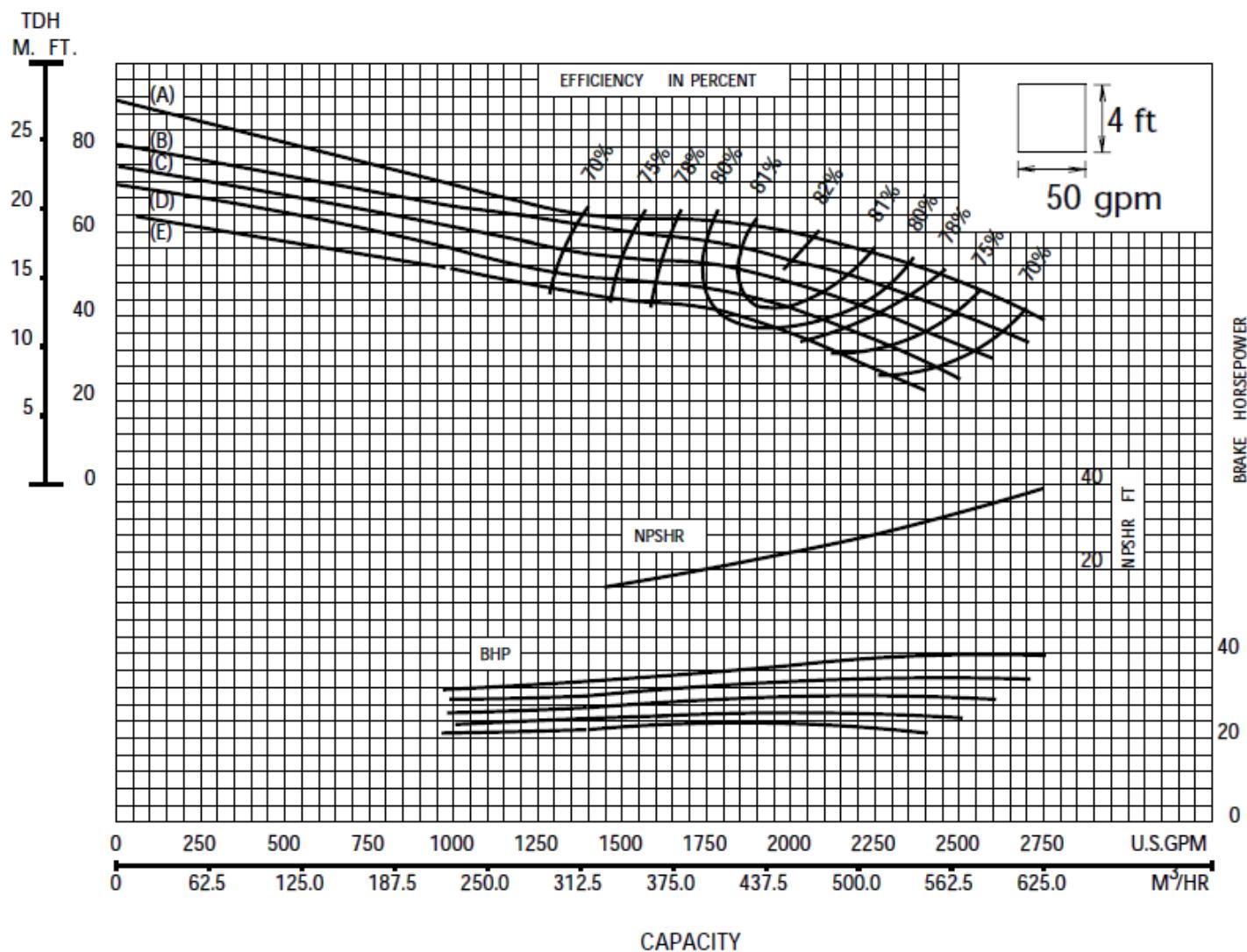
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W12WC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	4777	TRIM:	(A) 10.063" x 30.5°
MATERIAL	BRONZE		(B) 9.813" x 30.5°
TYPE	CLOSED		(C) 9.563" x 30.5°
THRUST FACTOR	K=16.20		(D) 9.313" x 30.5°
EYE AREA	29.70 SQ. IN.		(E) 9.063" x 30.5°
WEIGHT	21.00 LB.	Minimum submergence above eye of bottom impeller: 30 IN.	

FLANGED BOWL DATA	
BOWL NUMBER	4771 C.I./ENAM.
BOWL DIA. MAX	12.188 IN.
BOWL DIA. MIN	11.750 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.					

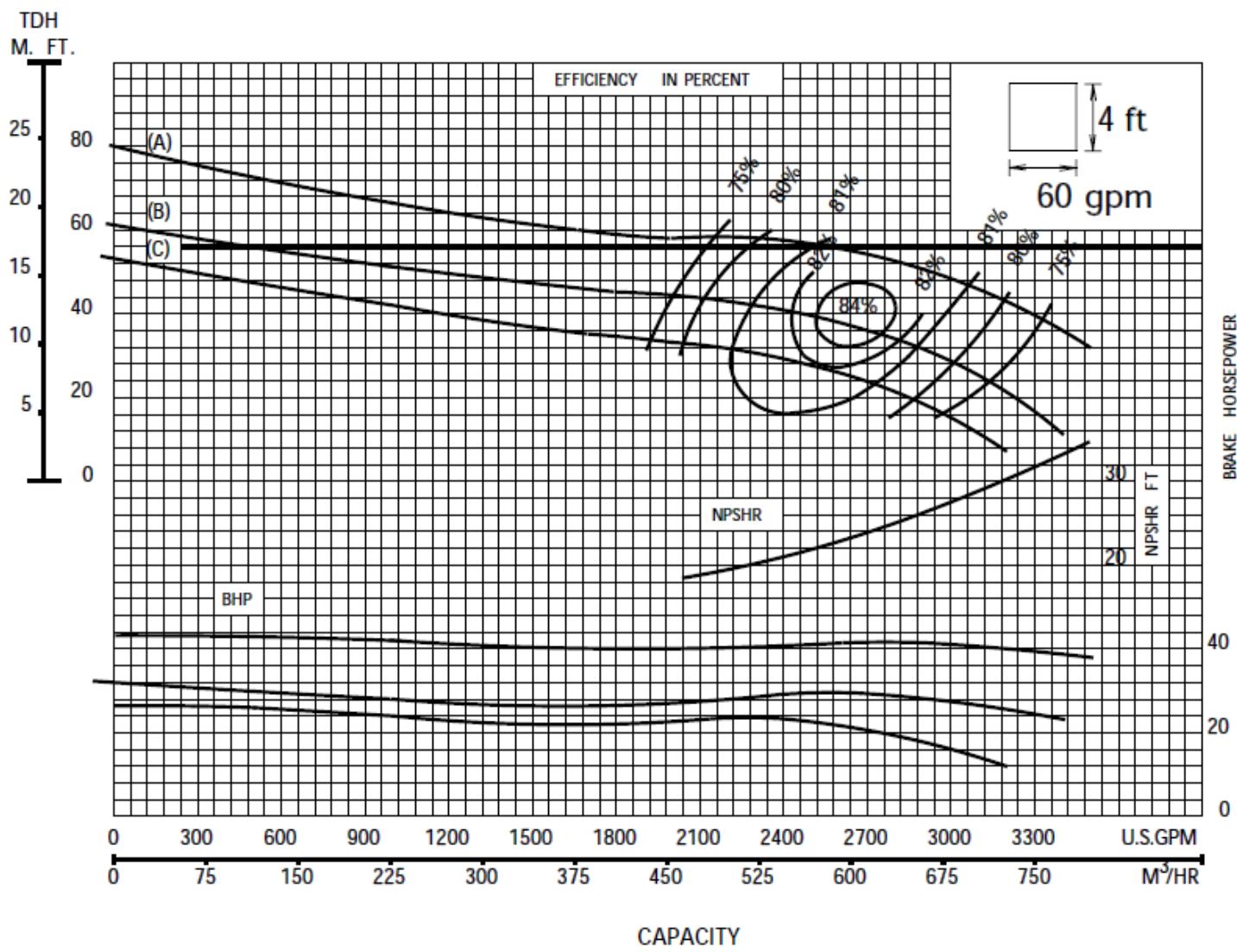
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

W12YC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	4778	TRIM:	(A) 9.797" x 35°
MATERIAL	BRONZE		(B) 9.203" x 35°
TYPE	CLOSED		(C) 8.734" x 35°
THRUST FACTOR	K=14.20		
EYE AREA	38.00 SQ. IN.		
WEIGHT	19.00 LB.		Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	4772 C.I./ENAM.
BOWL DIA. MAX	12.188 IN.
BOWL DIA. MIN	11.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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:	-3	-2	-1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

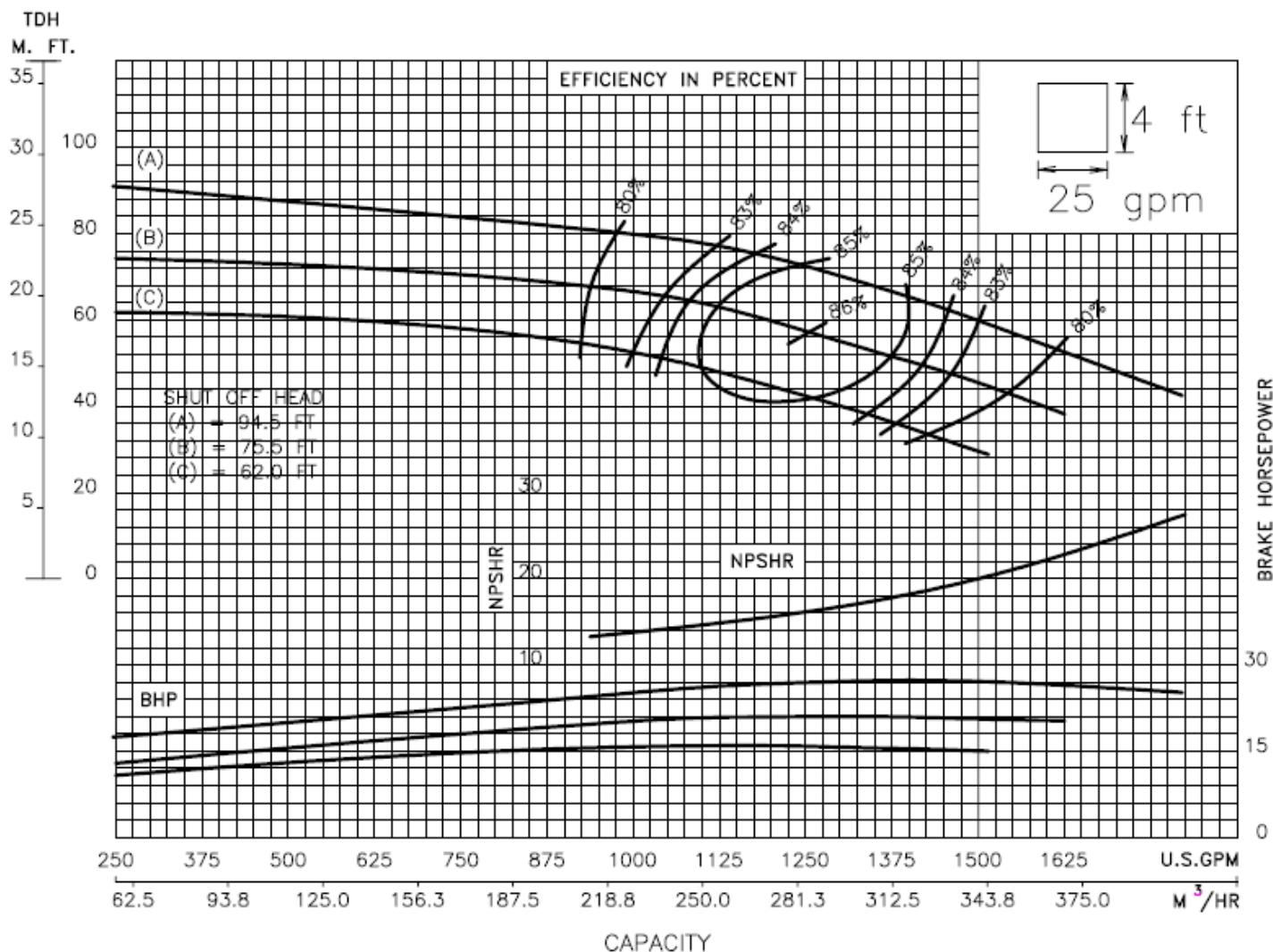
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

W13MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	2999	TRIM:	(A) 9.797" x 35°
MATERIAL	BRONZE		(B) 9.203" x 35°
TYPE	CLOSED		(C) 8.734" x 35°
THRUST FACTOR	K=7.9		
EYE AREA	23.37 SQ. IN.		
WEIGHT	14.70 LB.		Minimum submergence above eye of bottom impeller: 24 IN.

FLANGED BOWL DATA	
BOWL NUMBER	2998 C.I./ENAM.
BOWL DIA. MAX	12.500 IN.
BOWL DIA. MIN	12.125 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	240 LB.
ADD STAGE WEIGHT	115 LB.
STD. SHAFT DIA.	1.688 IN.
STD. LATERAL	0.813 IN.
DISCHARGE SIZE	6 - 8 - 10 IN.
SUCTION SIZE	8 - 10 IN.
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.					

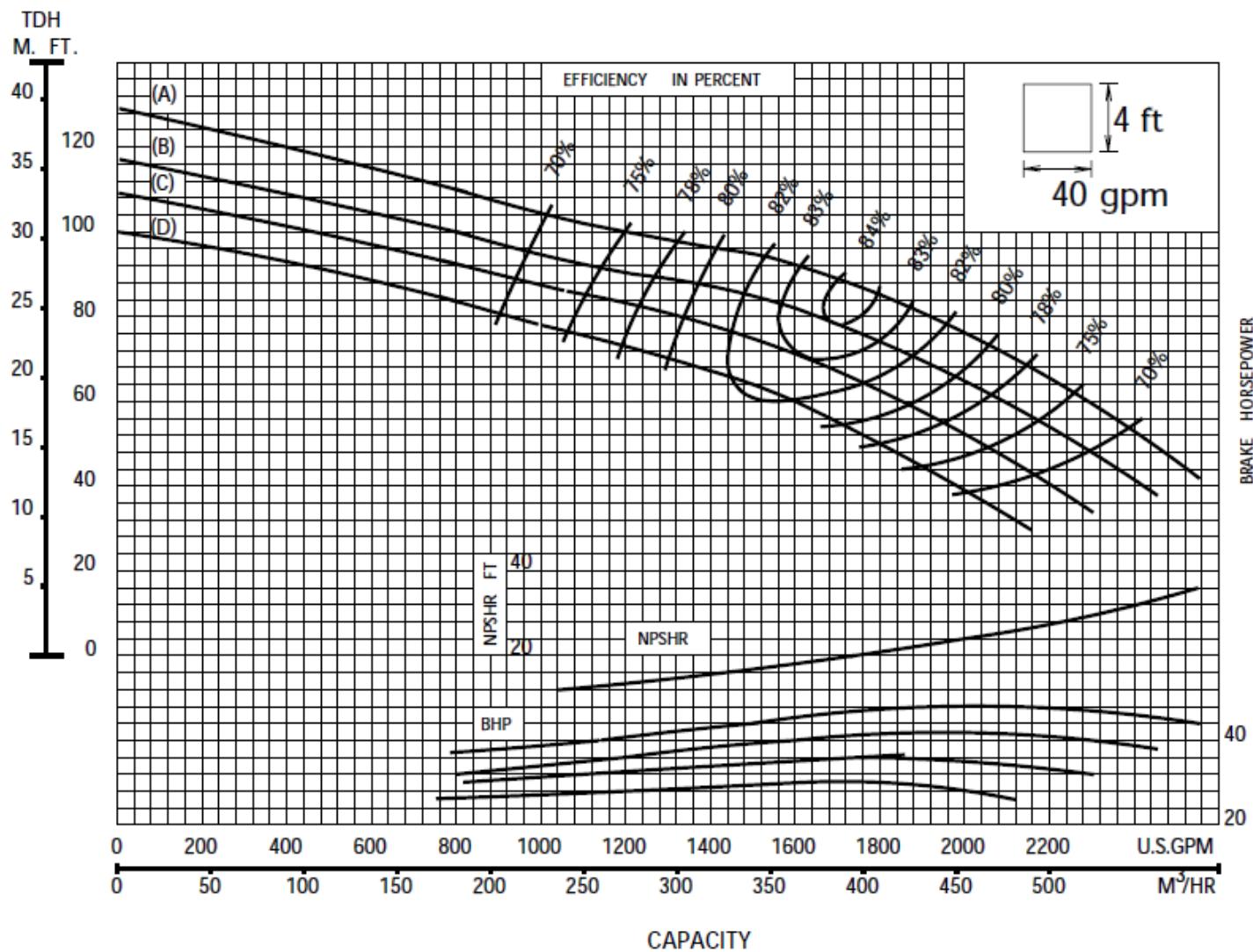
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W14LC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3105	TRIM:	(A) 11.313" x 23°
MATERIAL	BRONZE		(B) 11.000" x 23°
TYPE	CLOSED		(C) 10.688" x 23°
THRUST FACTOR	K=17.20		(D) 10.313 x 23°
EYE AREA	31.50 SQ. IN.		
WEIGHT	28.00 LB.		Minimum submergence above eye of bottom impeller: 24 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3106 C.I./ENAM.
BOWL DIA. MAX	13.500 IN.
BOWL DIA. MIN	13.250 IN.
MAX. NO. STAGES	12
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
MAX. SPHERE SIZE	0.750 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.					

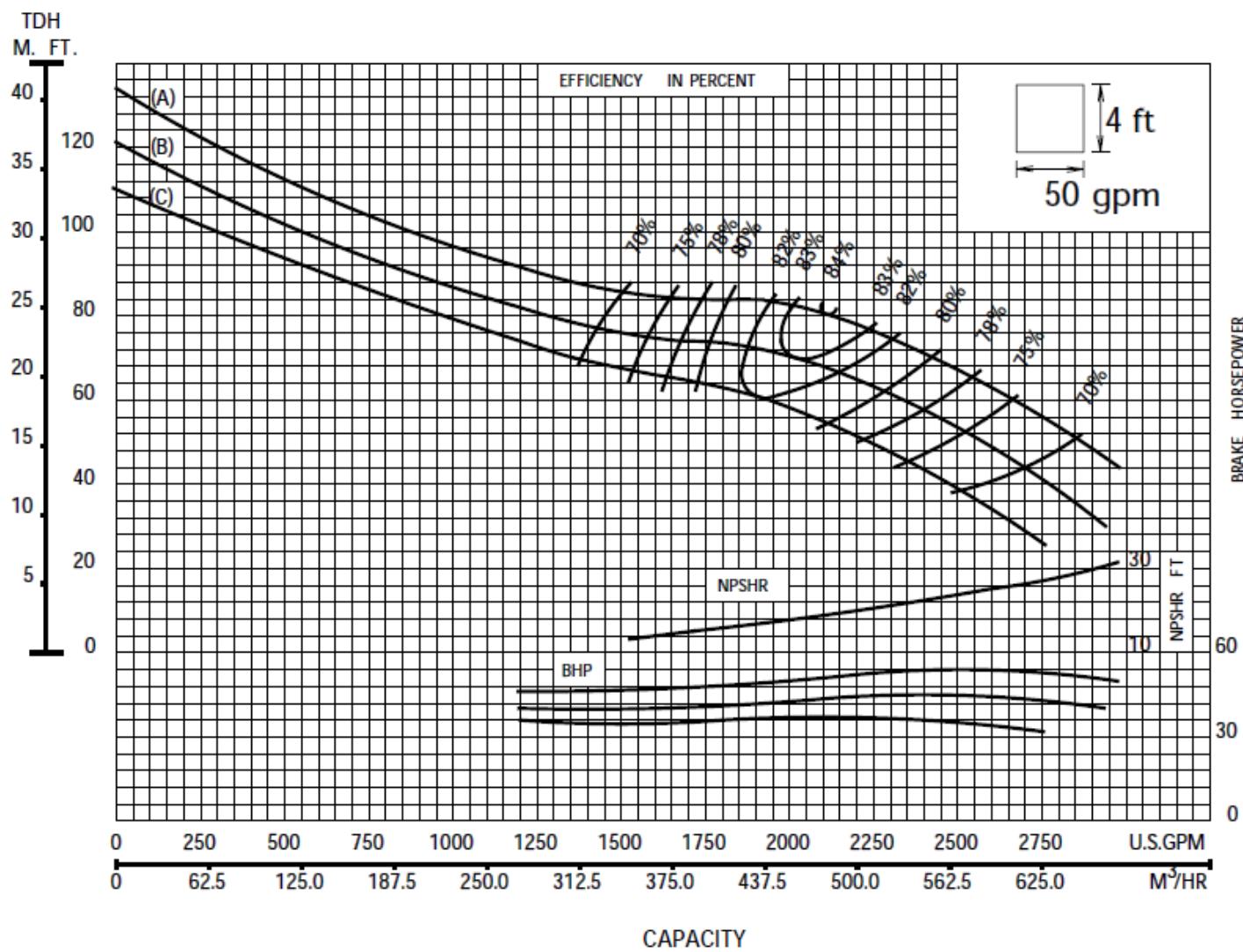
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

W14MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3065	TRIM:	(A) 11.313" x 30°
MATERIAL	BRONZE		(B) 11.000" x 30°
TYPE	CLOSED		(C) 10.688" x 30°
THRUST FACTOR	K=21.80		
EYE AREA	40.90 SQ. IN.		
WEIGHT	28.00 LB.		Minimum submergence above eye of bottom impeller: 30 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3042 C.I./ENAM.
BOWL DIA. MAX	13.500 IN.
BOWL DIA. MIN	13.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

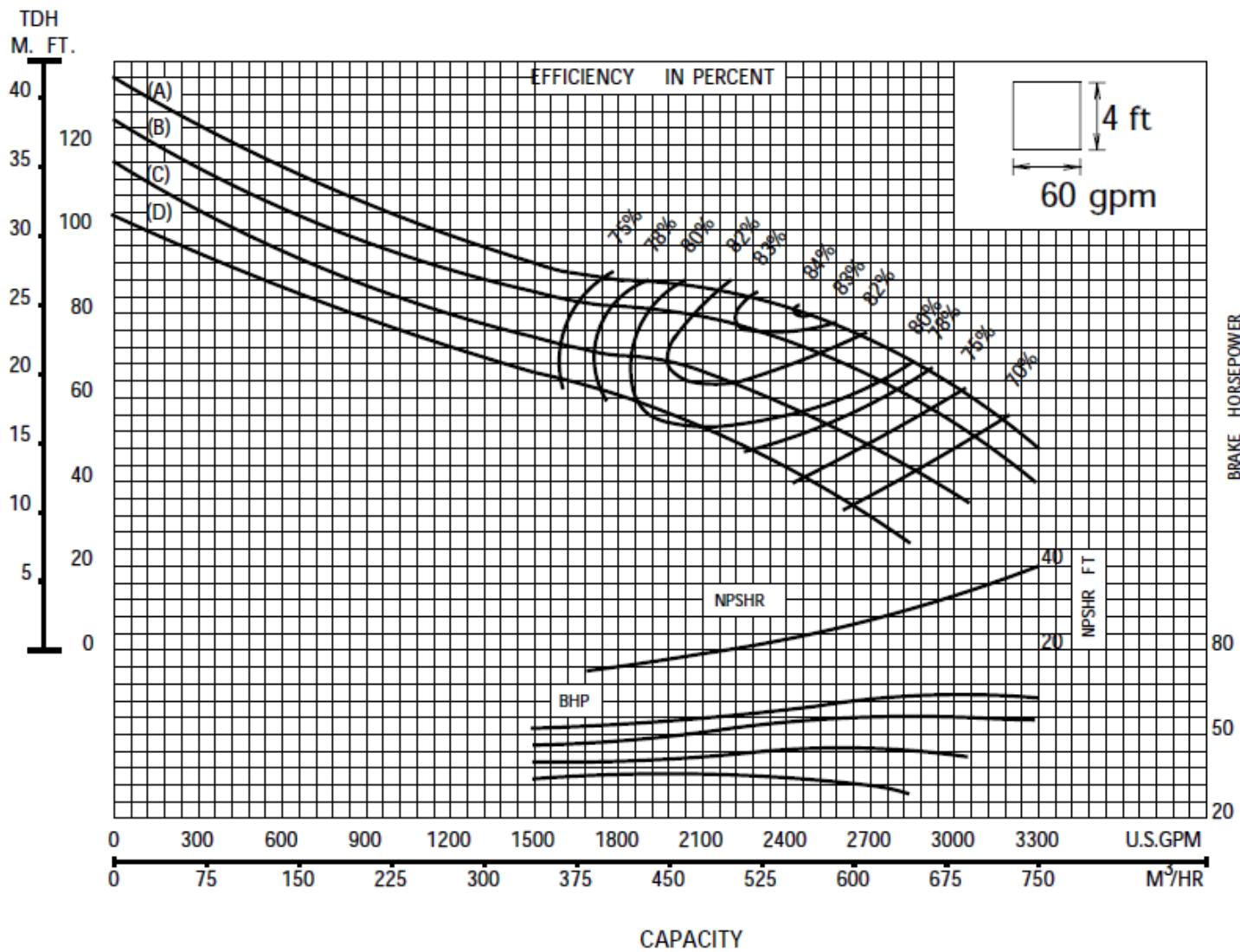
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W14HC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3029	TRIM:	(A) 11.313" x 32.5°
MATERIAL	BRONZE		(B) 11.125" x 32.5°
TYPE	CLOSED		(C) 10.844" x 32.5°
THRUST FACTOR	K=21.80		(D) 10.500" x 32.5°
EYE AREA	40.90 SQ. IN.		
WEIGHT	30.25 LB.		Minimum submergence above eye of bottom impeller: 32 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3042 C.I./ENAM.
BOWL DIA. MAX	13.500 IN.
BOWL DIA. MIN	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

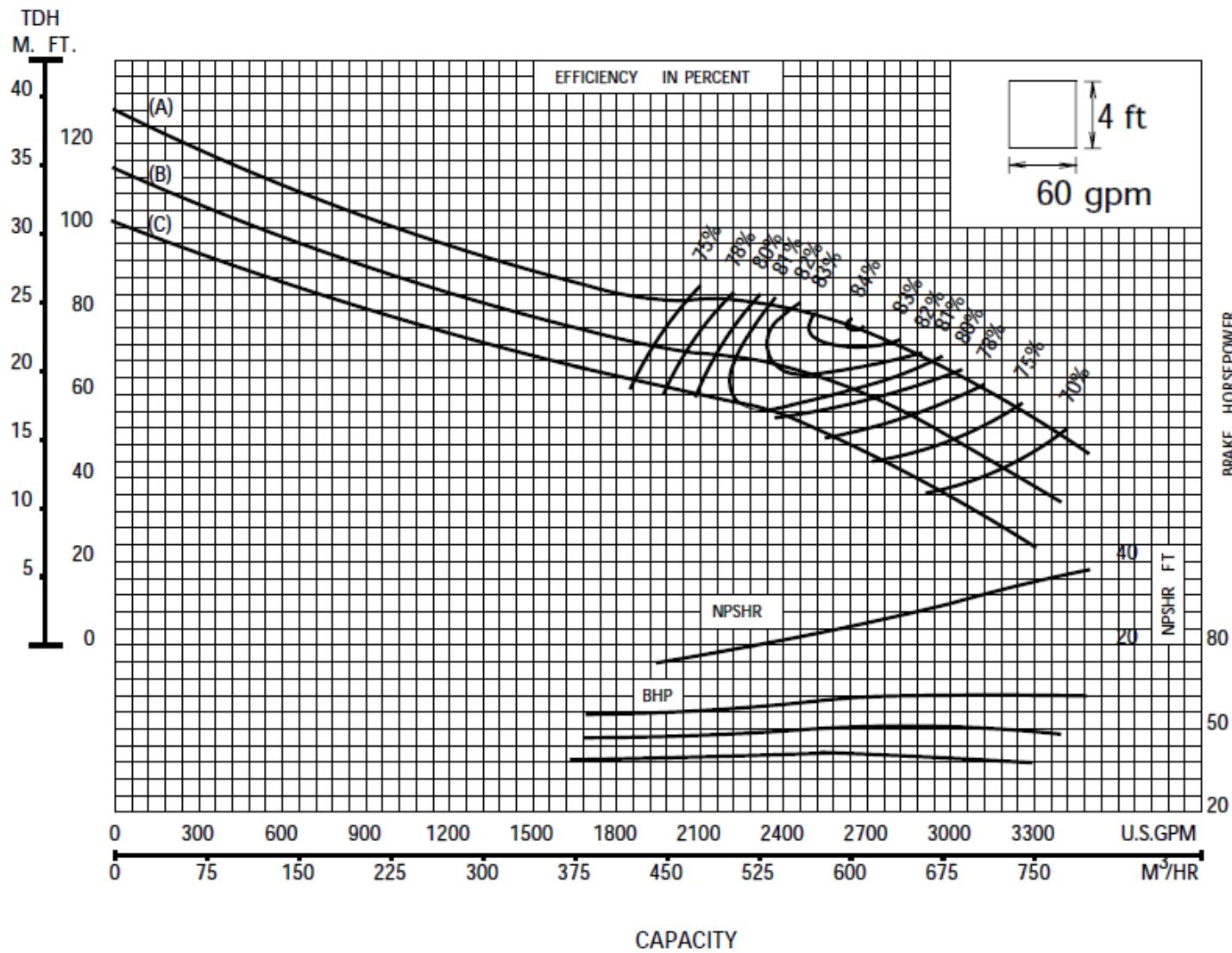
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W14XC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3086	TRIM:	(A) 11.313" x 32.5°
MATERIAL	BRONZE		(B) 11.000" x 32.5°
TYPE	CLOSED		(C) 10.625" x 32.5°
THRUST FACTOR	K=21.80		
EYE AREA	40.90 SQ. IN.		
WEIGHT	29.25 LB.		Minimum submergence above eye of bottom impeller: 32 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3042 C.I./ENAM.
BOWL DIA. MAX	13.500 IN.
BOWL DIA. MIN	13.250 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	490 LB.
ADD STAGE WEIGHT	175 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

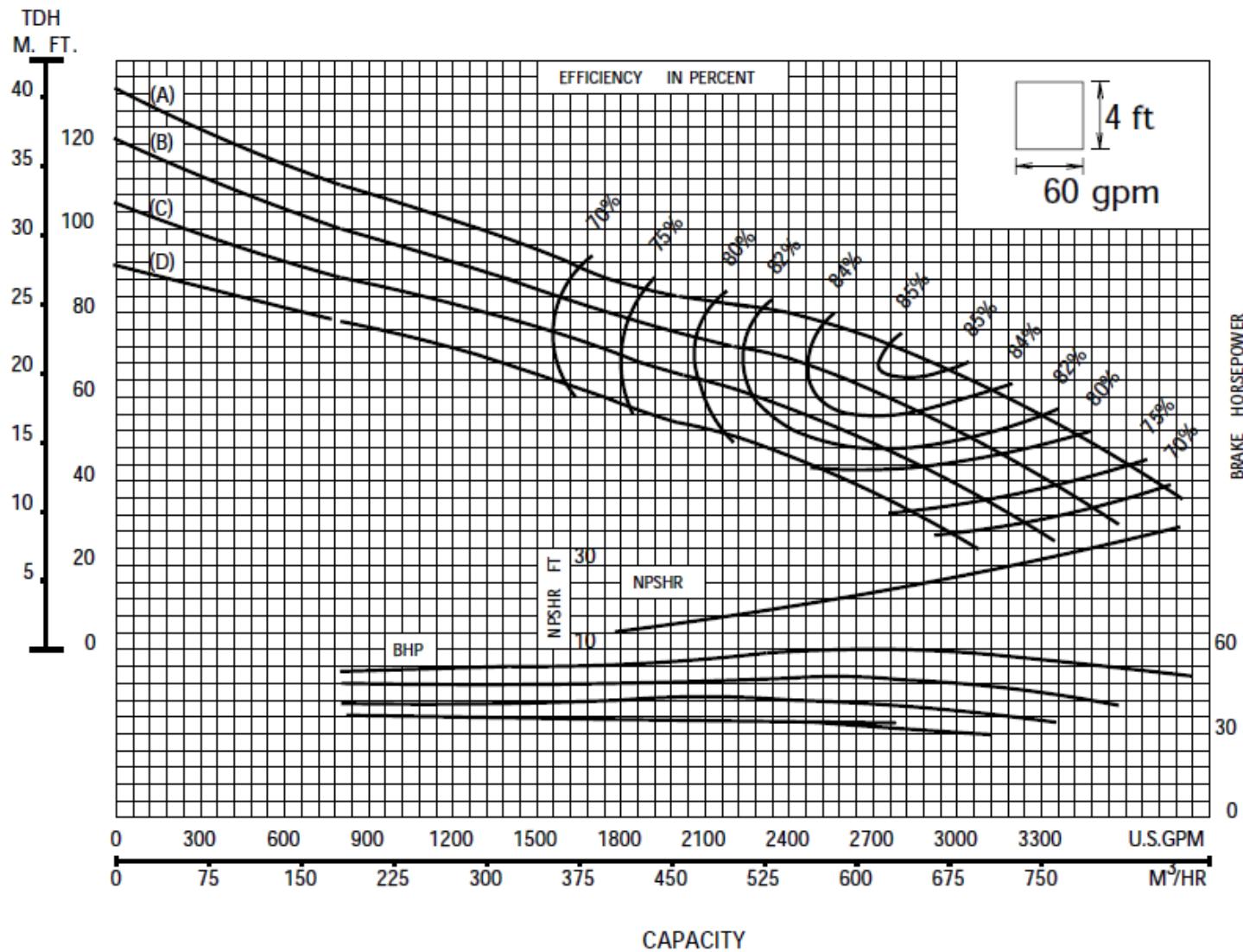
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W14WC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	4151	TRIM:	(A) 11.813" x 35°
MATERIAL	BRONZE		(B) 11.500" x 35°
TYPE	CLOSED		(C) 11.000" x 35°
THRUST FACTOR	K=24.80		(D) 10.500" x 35°
EYE AREA	47.30 SQ. IN.		
WEIGHT	31.75 LB.		Minimum submergence above eye of bottom impeller: 34 IN.

FLANGED BOWL DATA	
BOWL NUMBER	4152 C.I./ENAM.
BOWL DIA. MAX	14.063 IN.
BOWL DIA. MIN	13.750 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	500 LB.
ADD STAGE WEIGHT	185 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.875 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

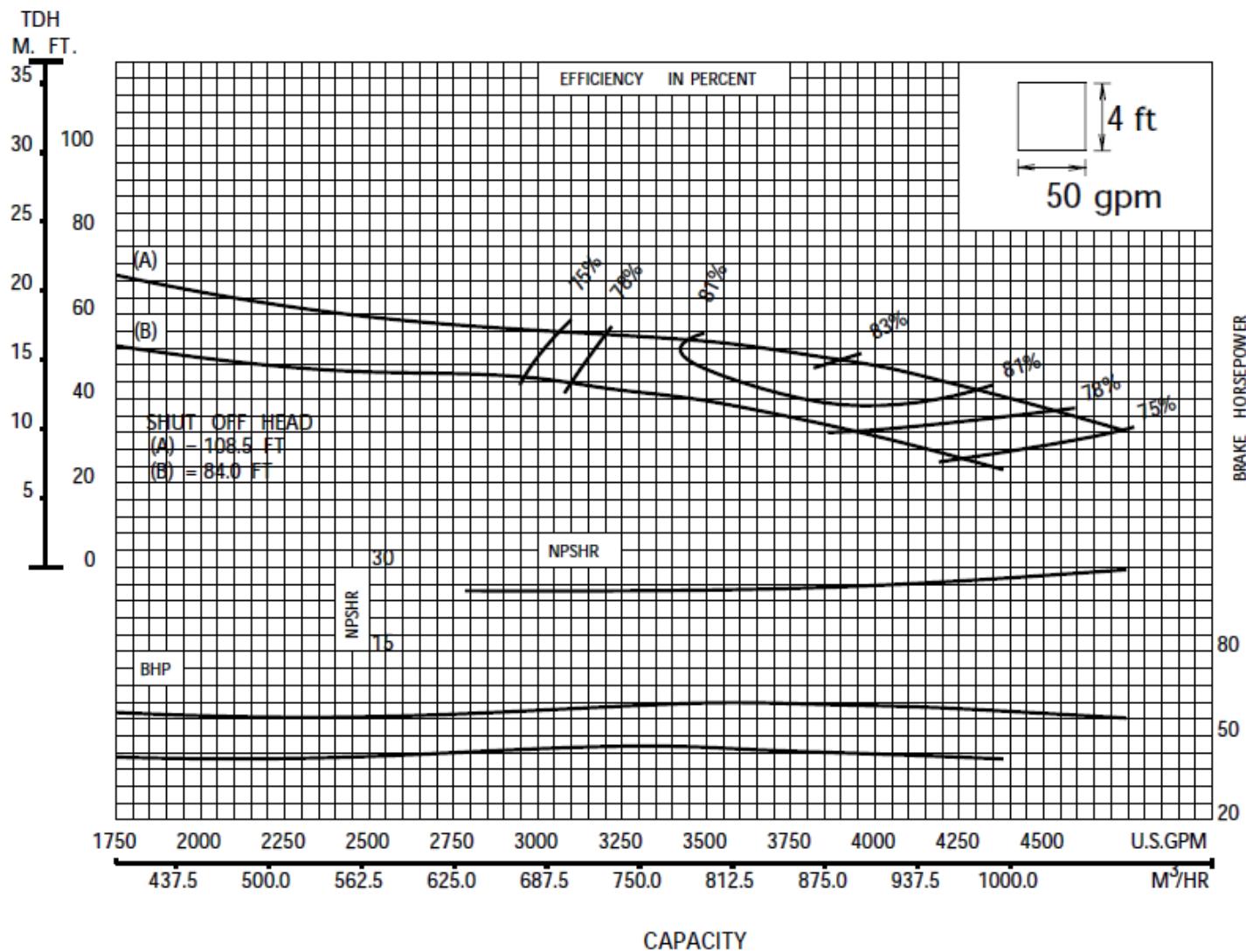
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W14YC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3878	TRIM:	(A) 11.250" x 35°
MATERIAL	BRONZE		(B) 10.625" x 35°
TYPE	CLOSED		
THRUST FACTOR	K=24.00		
EYE AREA	57.0 SQ. IN.		
WEIGHT	28 LB.		Minimum submergence above eye of bottom impeller: 34 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3869 C.I./ENAM.
BOWL DIA. MAX	13.750 IN.
BOWL DIA. MIN	13.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

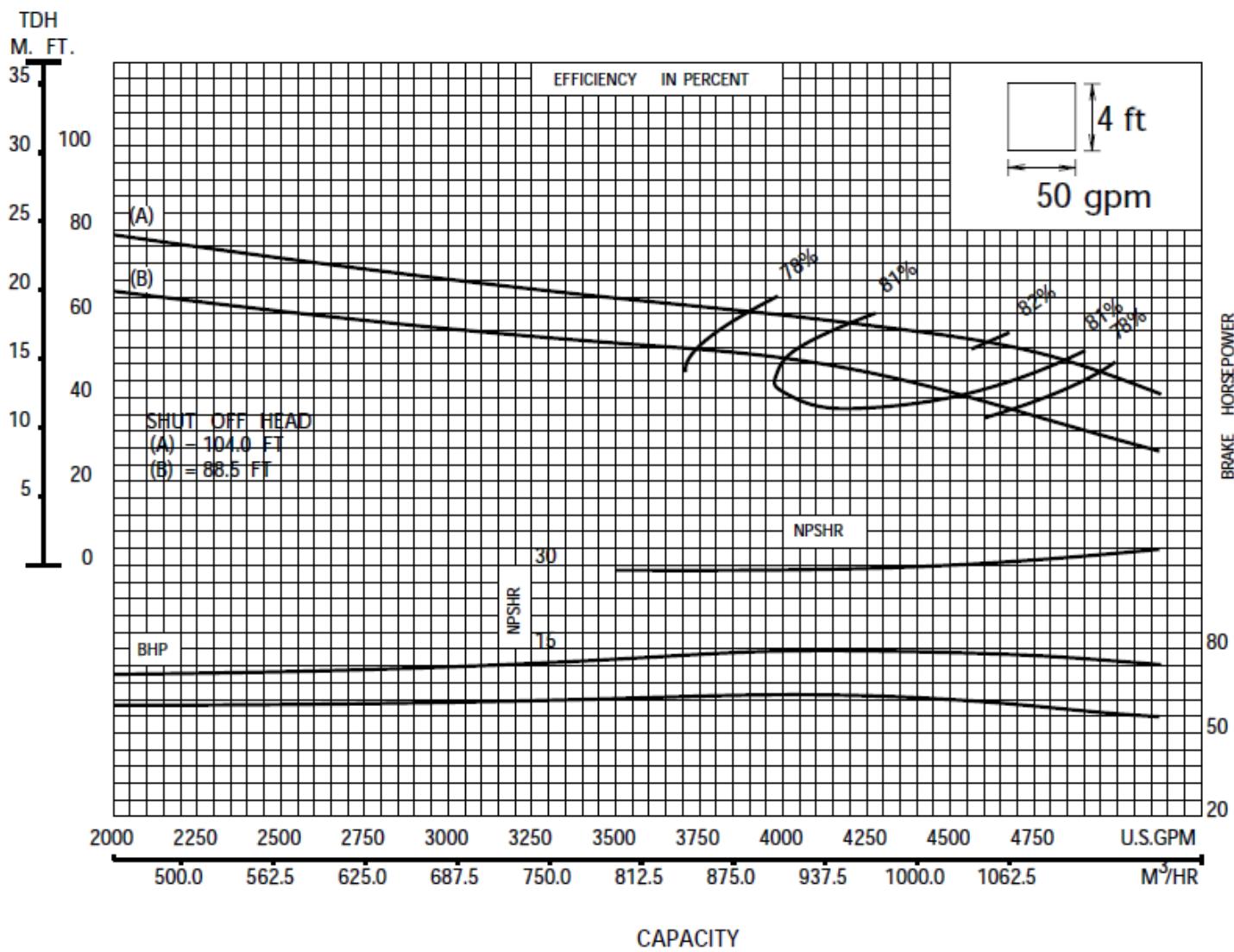
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W14ZC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3896	TRIM:	(A) 11.250" x 35°
MATERIAL	BRONZE		(B) 10.750" x 35°
TYPE	CLOSED		
THRUST FACTOR	K=24.70		
EYE AREA	58.5 SQ. IN.		
WEIGHT	28.0 LB.		Minimum submergence above eye of bottom impeller: 34 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3869 C.I./ENAM.
BOWL DIA. MAX	13.750 IN.
BOWL DIA. MIN	13.500 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	335 LB.
ADD STAGE WEIGHT	188 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

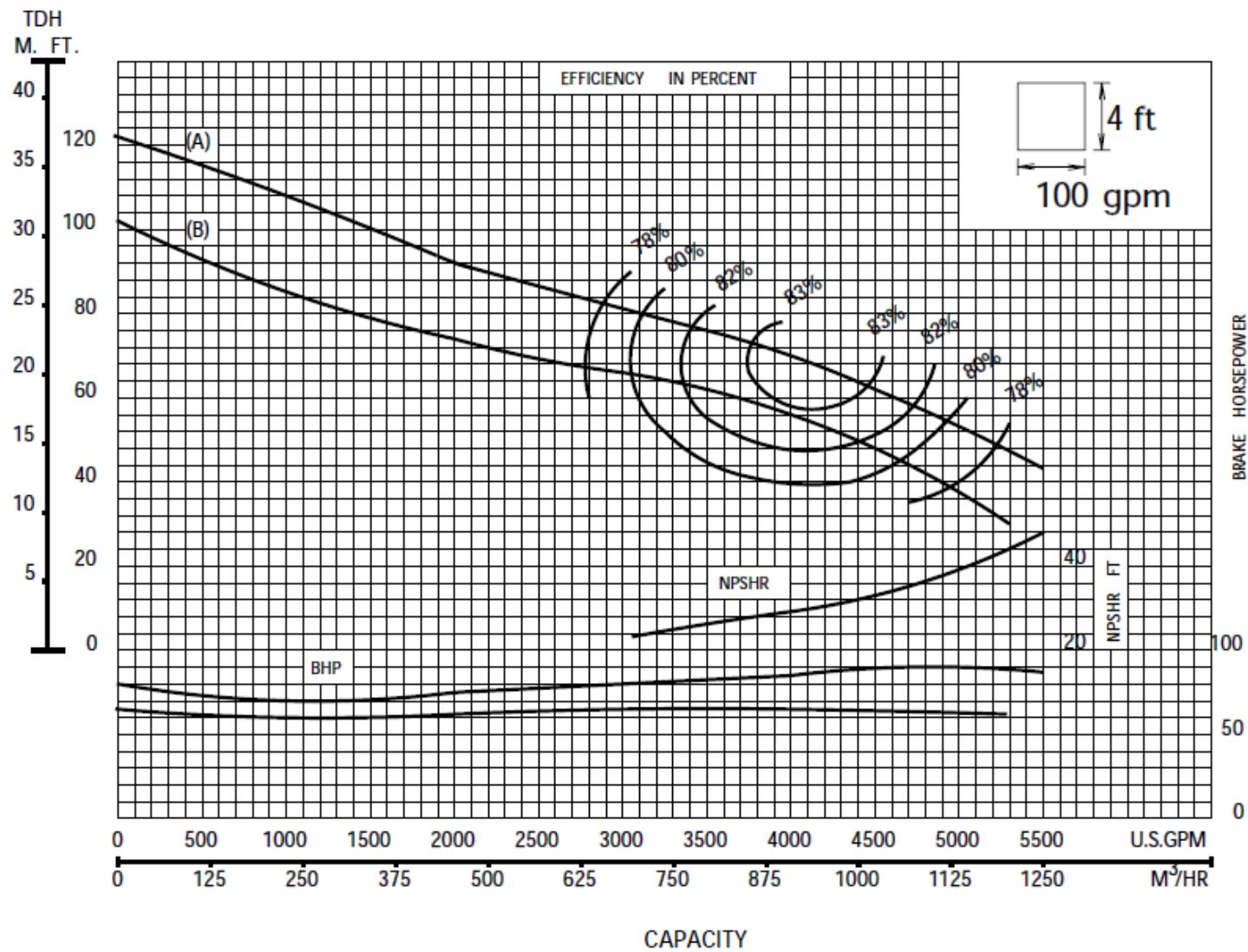
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W15KC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	0004	TRIM:	(A) 11.850" x 34°
MATERIAL	BRONZE		(B) 11.000" x 34°
TYPE	CLOSED		
THRUST FACTOR	K=28.00		
EYE AREA	63.60 SQ. IN.		
WEIGHT	30.00 LB.		Minimum submergence above eye of bottom impeller: 36 IN.

FLANGED BOWL DATA	
BOWL NUMBER	0001 C.I./ENAM.
BOWL DIA. MAX	15.250 IN.
BOWL DIA. MIN	14.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	510 LB.
ADD STAGE WEIGHT	195 LB.
STD. SHAFT DIA.	1.938 IN.
STD. LATERAL	0.688 IN.
DISCHARGE SIZE	10 - 12 IN.
SUCTION SIZE	10 - 12 IN.
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.					

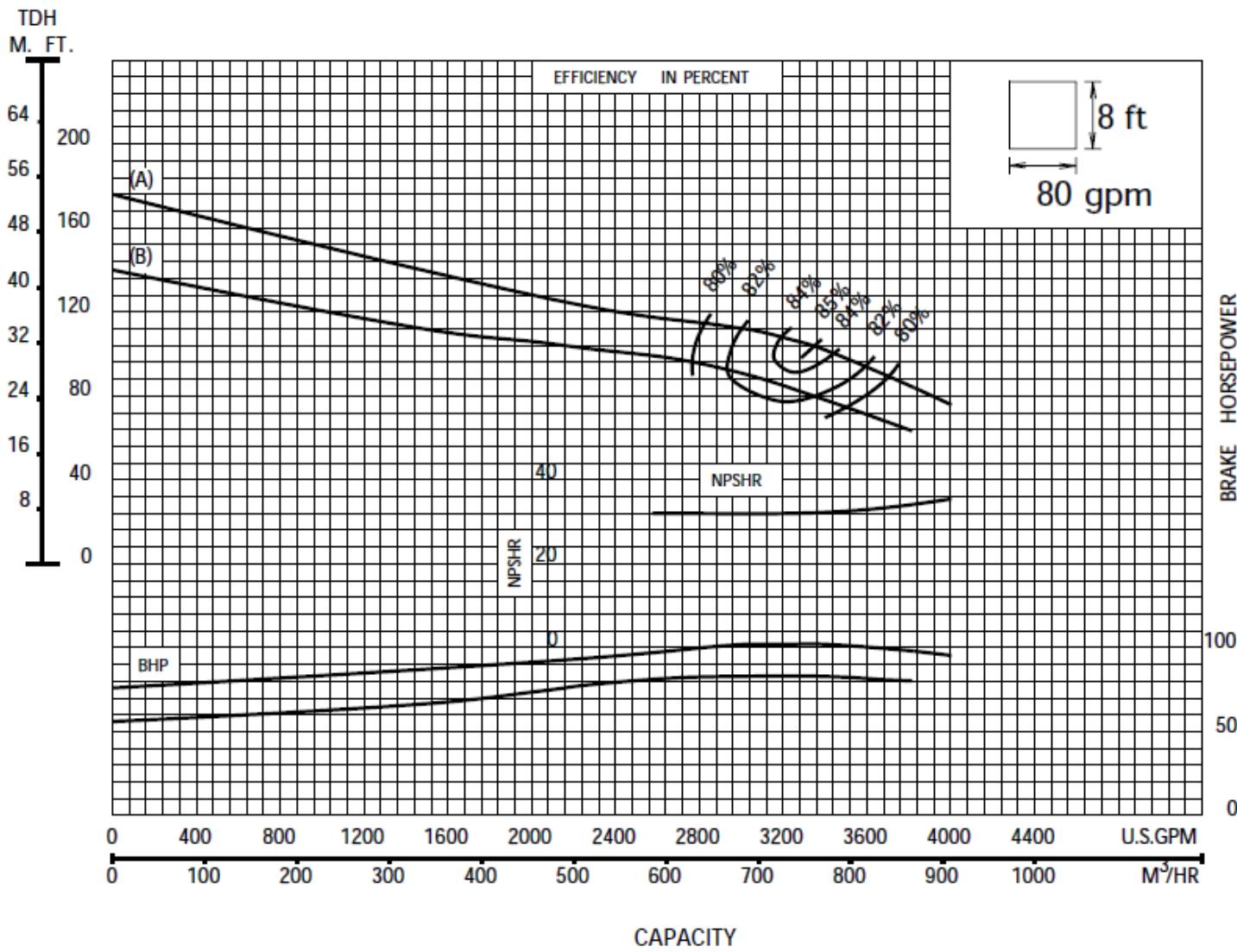
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W18LC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3914	TRIM:	(A) 13.188" x 20°
MATERIAL	BRONZE		(B) 12.250" x 20°
TYPE	CLOSED		
THRUST FACTOR	K=21.75		
EYE AREA	46.0 SQ. IN.		
WEIGHT	42.0 LB.		Minimum submergence above eye of bottom impeller: 48 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3905 C.I./ENAM.
BOWL DIA. MAX	17.750 IN.
BOWL DIA. MIN	17.500 IN.
MAX. NO. STAGES	9
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	12 - 14 IN.
SUCTION BELL SIZE	18.00 IN.
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.					

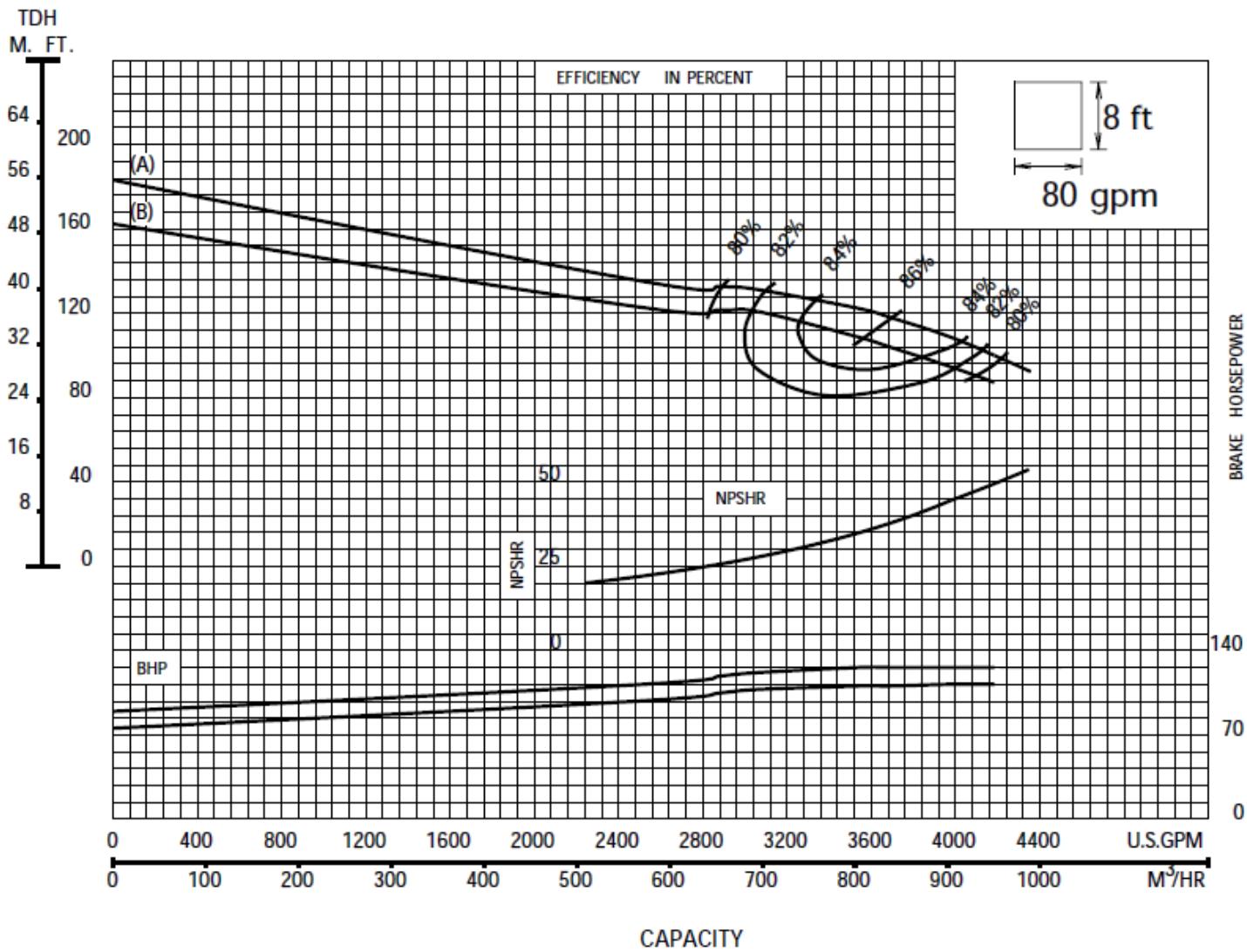
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W18MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	3923	TRIM:	(A) 13.188" x 20°
MATERIAL	BRONZE		(B) 12.250" x 20°
TYPE	CLOSED		
THRUST FACTOR	K=21.75		
EYE AREA	50.27 SQ. IN.		
WEIGHT	42.0 LB.		Minimum submergence above eye of bottom impeller: 48 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3905 C.I./ENAM.
BOWL DIA. MAX	17.750 IN.
BOWL DIA. MIN	17.500 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	750 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2.188 IN.
STD. LATERAL	0.500 IN.
DISCHARGE SIZE	12 - 14 IN.
SUCTION BELL SIZE	18.00 IN.
MAX. SPHERE SIZE	1.375 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.					

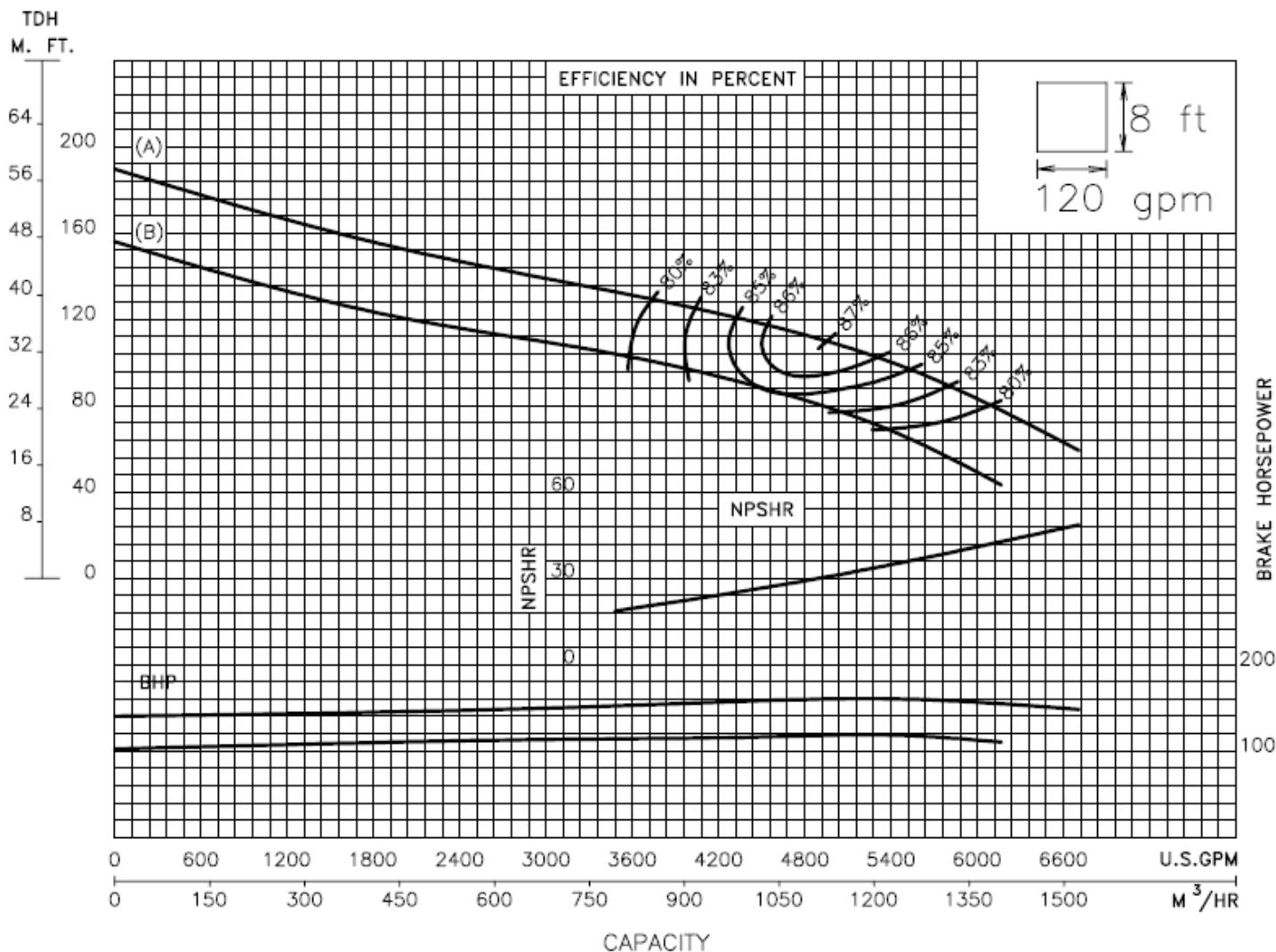
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

## Wilo-Vertical Turbine Pump Curve

wilo®

**W20LC**

**1760 RPM**



IMPELLER DATA			
IMPELLER NUMBER	4838	TRIM:	(A) 13.938" x 27°
MATERIAL	BRONZE		(B) 12.625" x 27°
TYPE	CLOSED		
THRUST FACTOR	K=29.4		
EYE AREA	72.6 SQ. IN.		
WEIGHT	69.0 LB.		Minimum submergence above eye of bottom impeller: 33 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3969 C.I./ENAM.
BOWL DIA. MAX	19.875 IN.
BOWL DIA. MIN	19.250 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	569 LB.
ADD STAGE WEIGHT	325 LB.
STD. SHAFT DIA.	2 7/16 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	14 - 16 IN.
SUCTION BELL SIZE	20.875 IN.
MAX. SPHERE SIZE	2.0 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.					

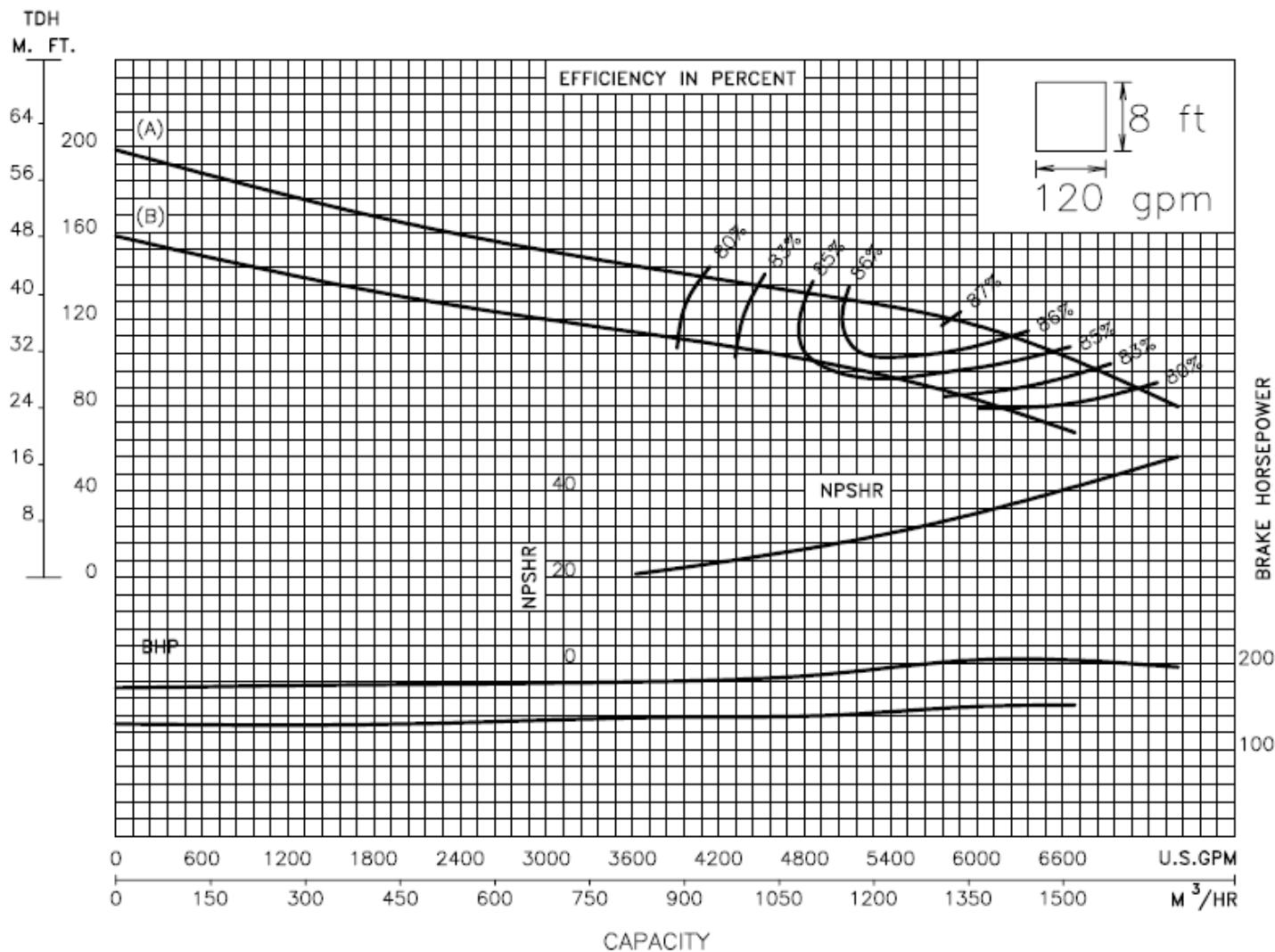
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

# Wilo-Vertical Turbine Pump Curve

wilo®

W20MC

1760 RPM



IMPELLER DATA			
IMPELLER NUMBER	4847	TRIM:	(A) 13.938" x 27°
MATERIAL	BRONZE		(B) 12.625" x 27°
TYPE	CLOSED		
THRUST FACTOR	K=29.4		
EYE AREA	72.6 SQ. IN.		
WEIGHT	69.0 LB.		Minimum submergence above eye of bottom impeller: 33 IN.

FLANGED BOWL DATA	
BOWL NUMBER	3969 C.I./ENAM.
BOWL DIA. MAX	19.875 IN.
BOWL DIA. MIN	19.250 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	790 LB.
ADD STAGE WEIGHT	569 LB.
STD. SHAFT DIA.	2 7/16 IN.
STD. LATERAL	0.750 IN.
DISCHARGE SIZE	14 - 16 IN.
SUCTION BELL SIZE	20.875 IN.
MAX. SPHERE SIZE	2.0 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.					

Performance based on pumping clear, 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.