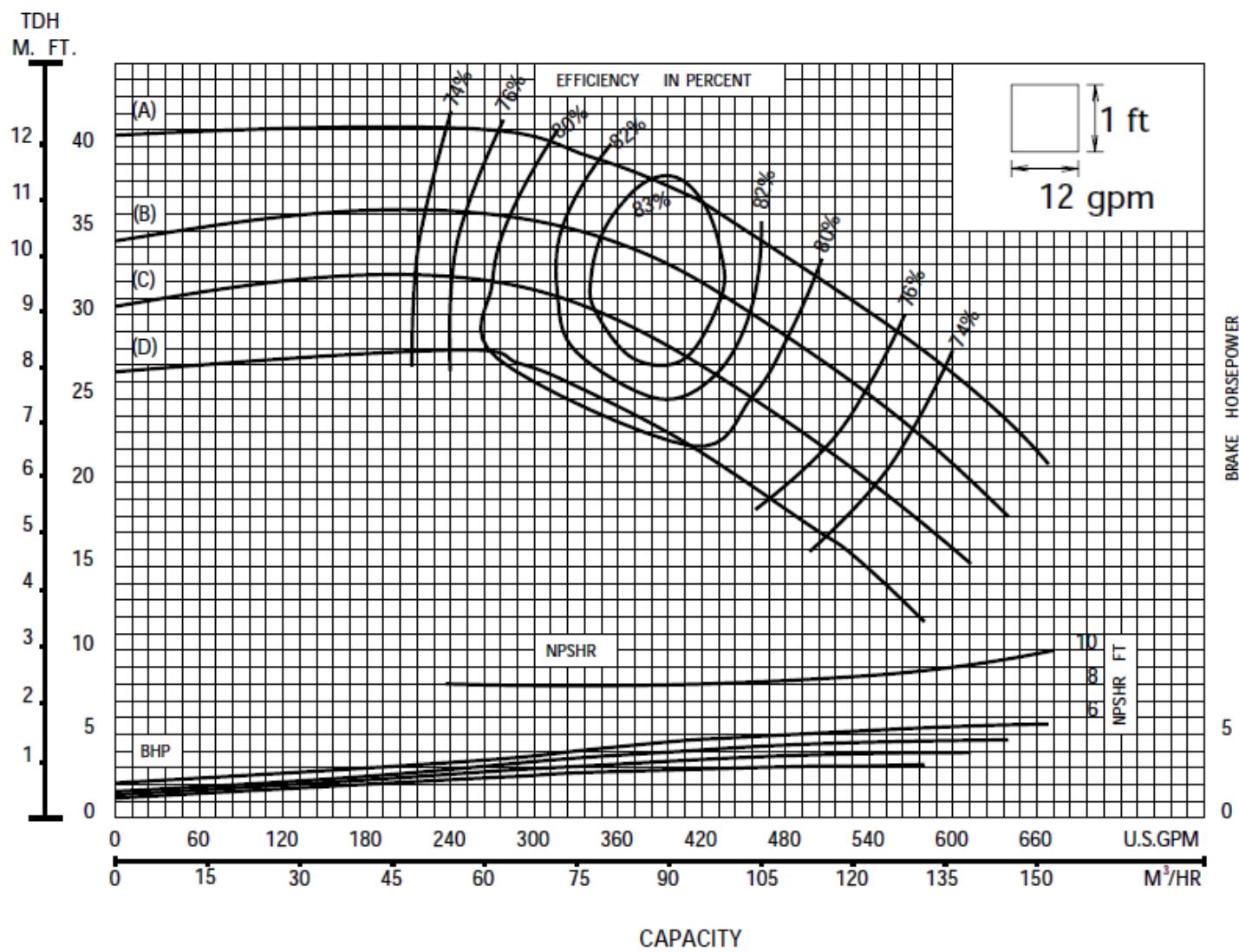


Wilo-Vertical Turbine Pump Curve

wilo®

W12JC

1160 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	14.50 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2993 C.I./ENAM.
BOWL MAX. DIAMETER	11.625 IN.
BOWL MIN. DIAMETER	11.500 IN.
MAX. NO. STAGES	22
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 IN.
SUCTION SIZE	6 - 8 IN.
SUCTION BELL DIA.	33.250 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.					

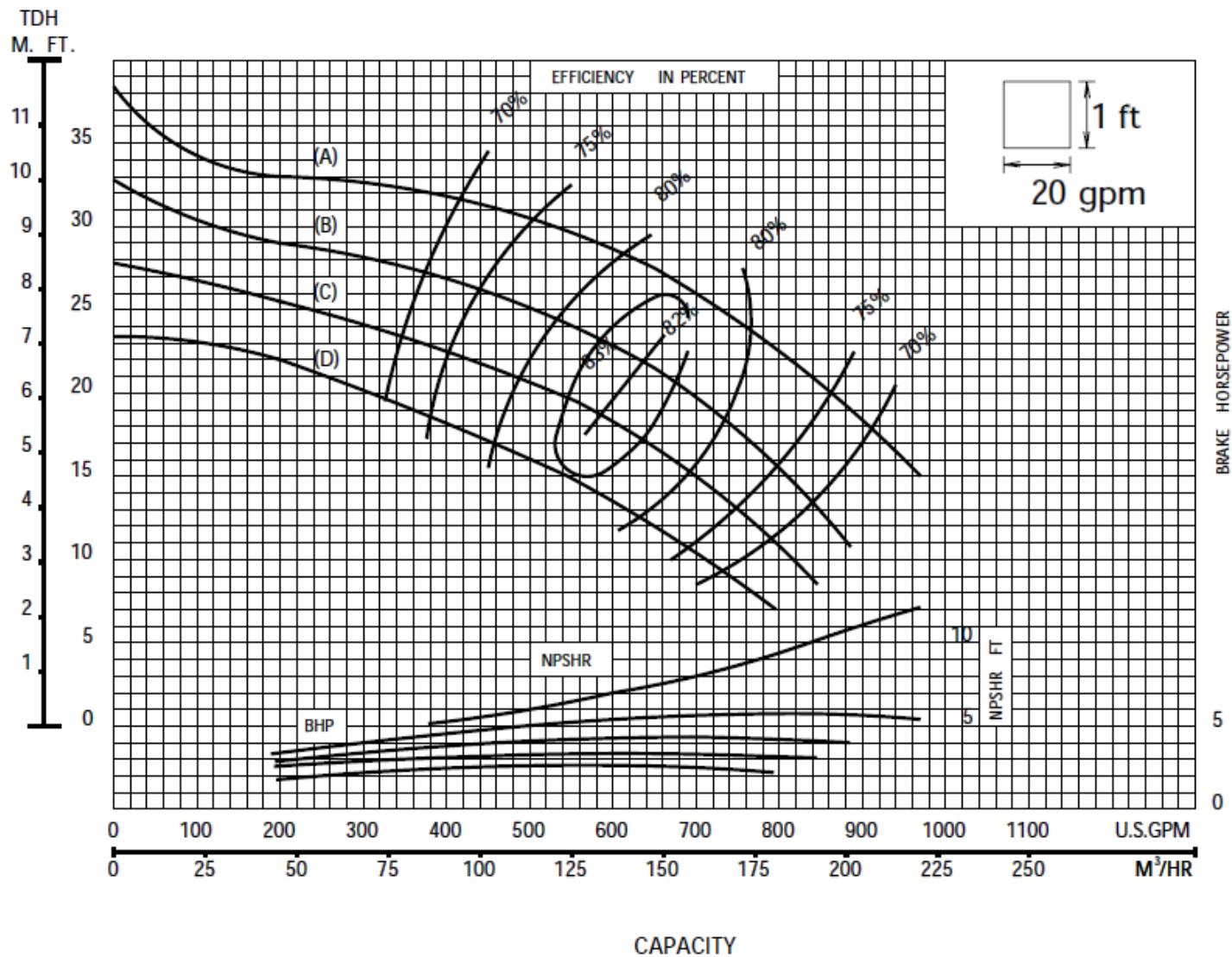
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W12LC

1160 RPM



CAPACITY

IMPELLER DATA			
IMPELLER NUMBER	3778	TRIM:	(A) 9.500" x 25°
MATERIAL	BRONZE		(B) 9.000" X 25°
TYPE	CLOSED		(C) 8.500" X 25°
THRUST FACTOR	K=10.60		(D) 8.000" X 25°
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 MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	22
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.				

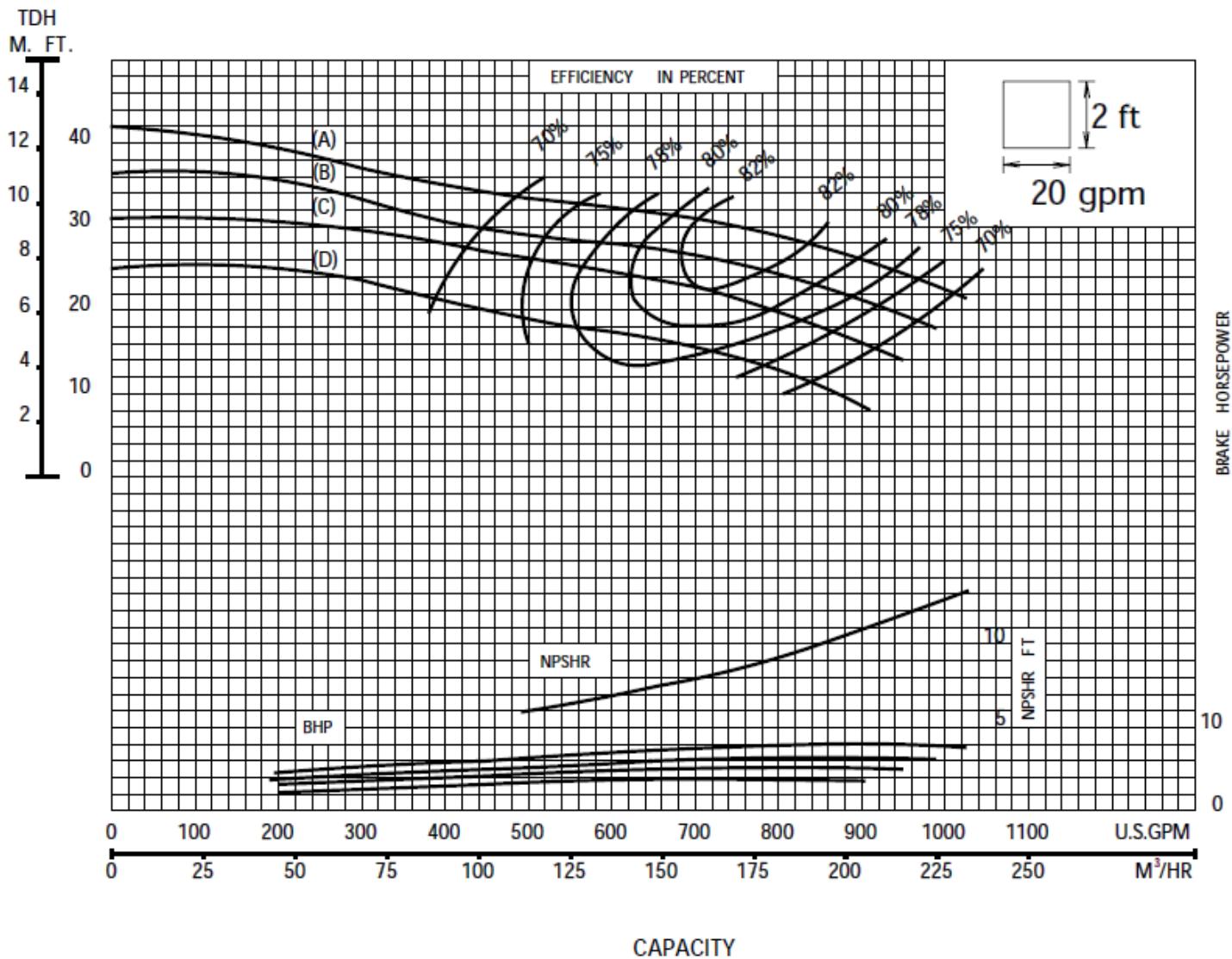
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W12MC

1160 RPM



CAPACITY

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	15.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2952 C.I./ENAM.
BOWL MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	22
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.					

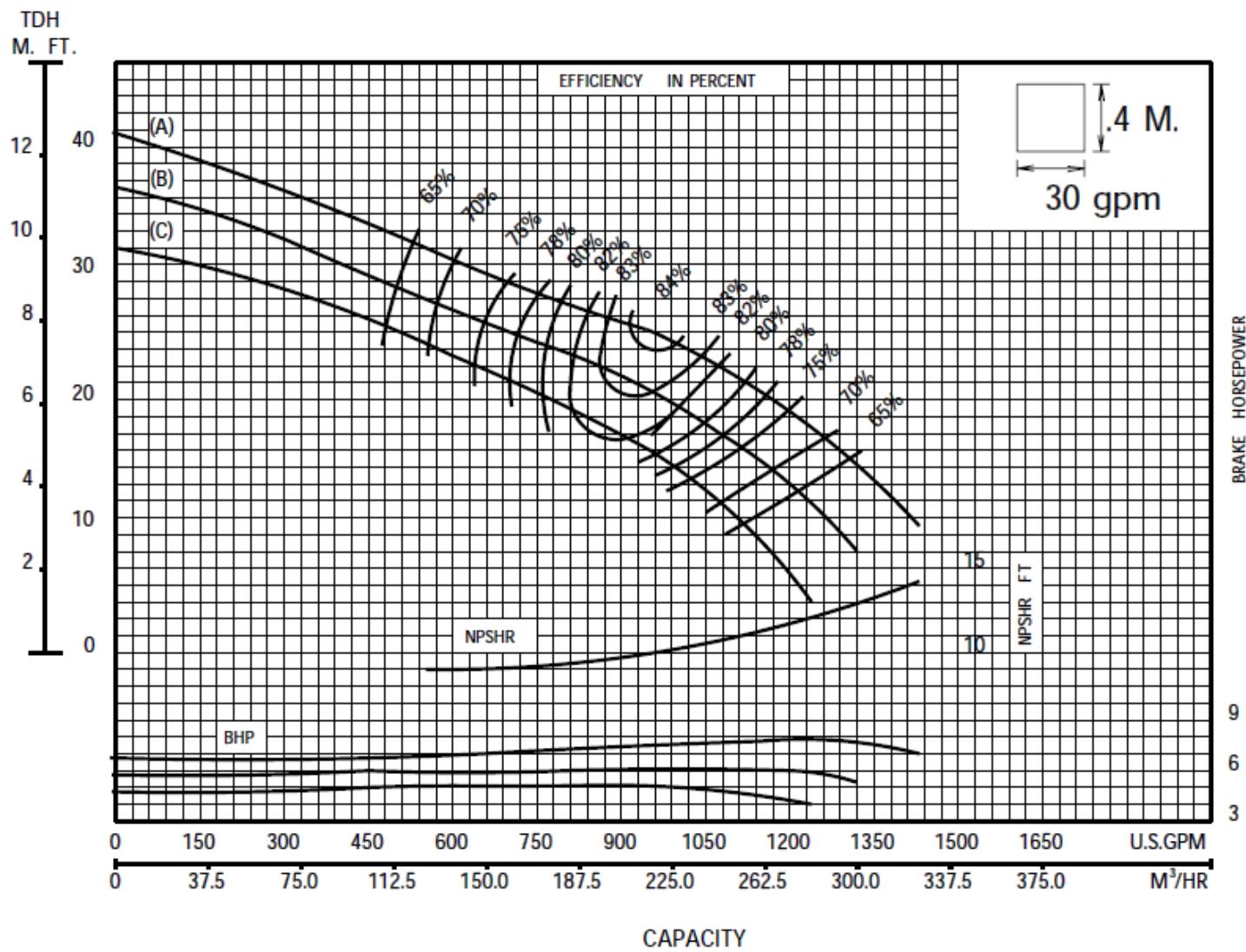
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W12HC

1160 RPM

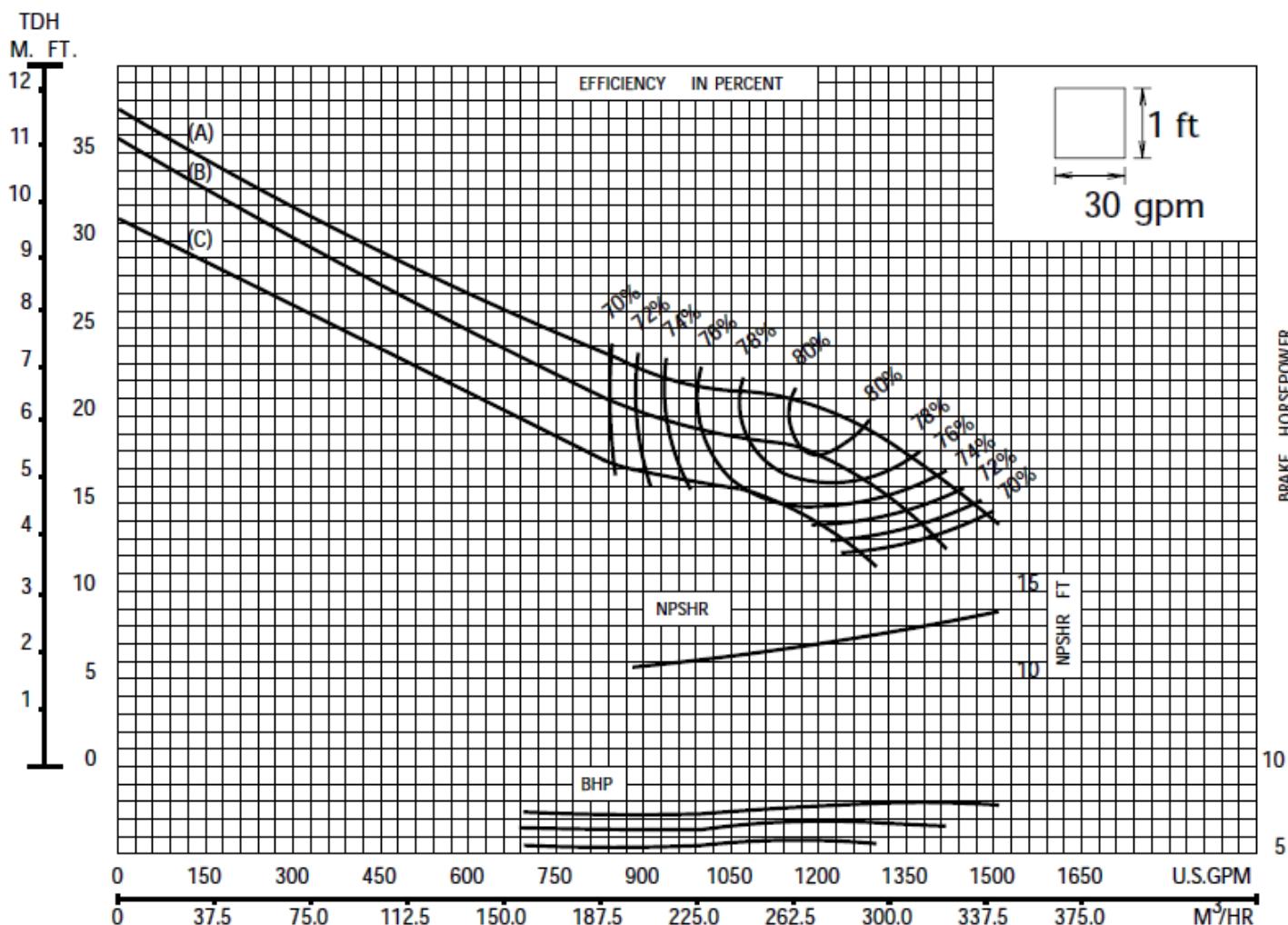


Wilo-Vertical Turbine Pump Curve

wilo®

W12XC

1160 RPM



CAPACITY

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 MAX. DIAMETER	11.563 IN.
BOWL MIN. DIAMETER	11.250 IN.
MAX. NO. STAGES	22
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.					

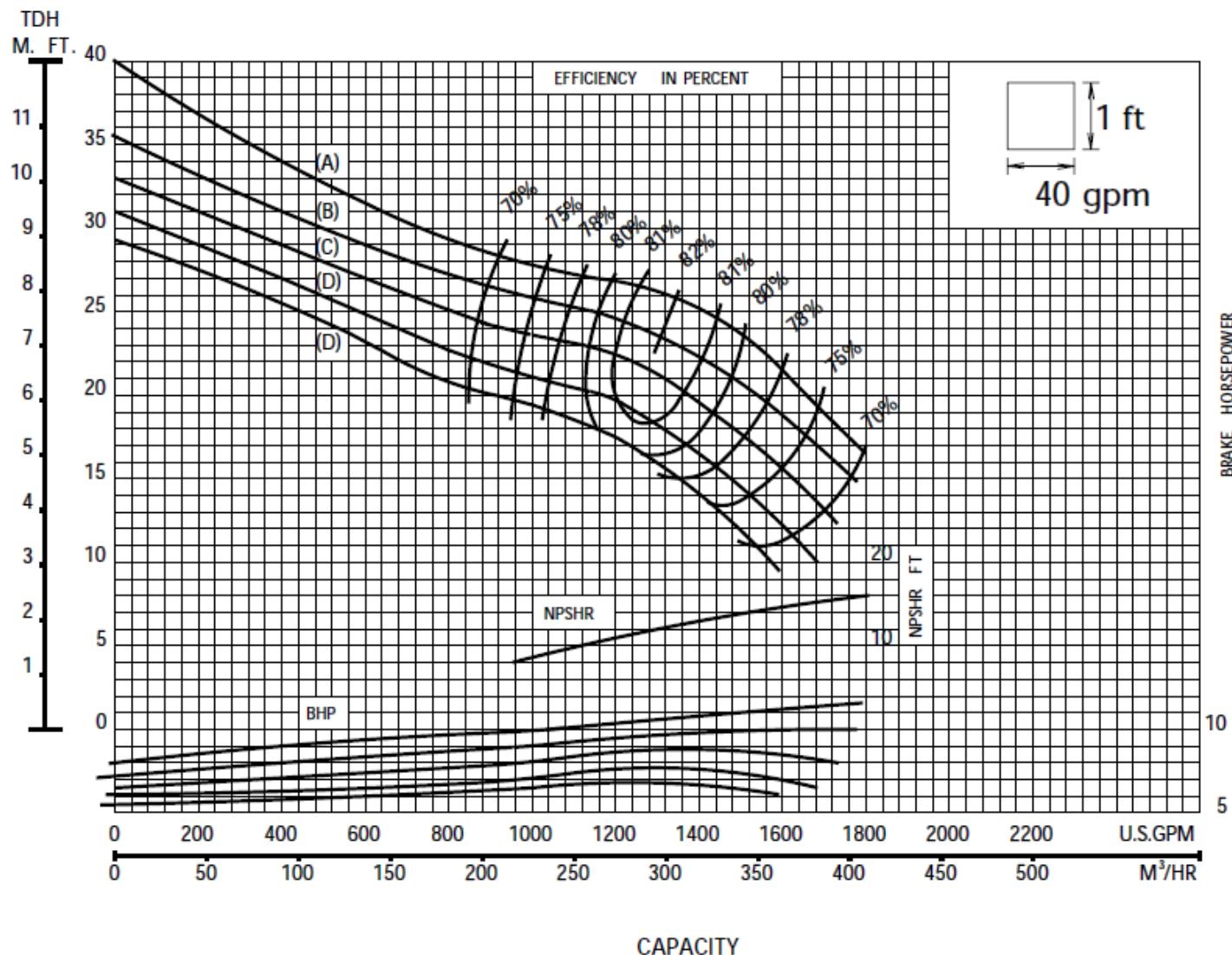
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W12WC

1160 RPM



CAPACITY

IMPELLER DATA		
IMPELLER NUMBER	4777	TRIM:
MATERIAL	BRONZE	
TYPE	CLOSED	
THRUST FACTOR	K=16.20	
EYE AREA	29.70 SQ. IN.	
WEIGHT	21.00 LB.	
Minimum submergence above eye of bottom impeller: .30 IN.		

FLANGED BOWL DATA	
BOWL NUMBER	4771 C.I./ENAM.
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	21
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.					

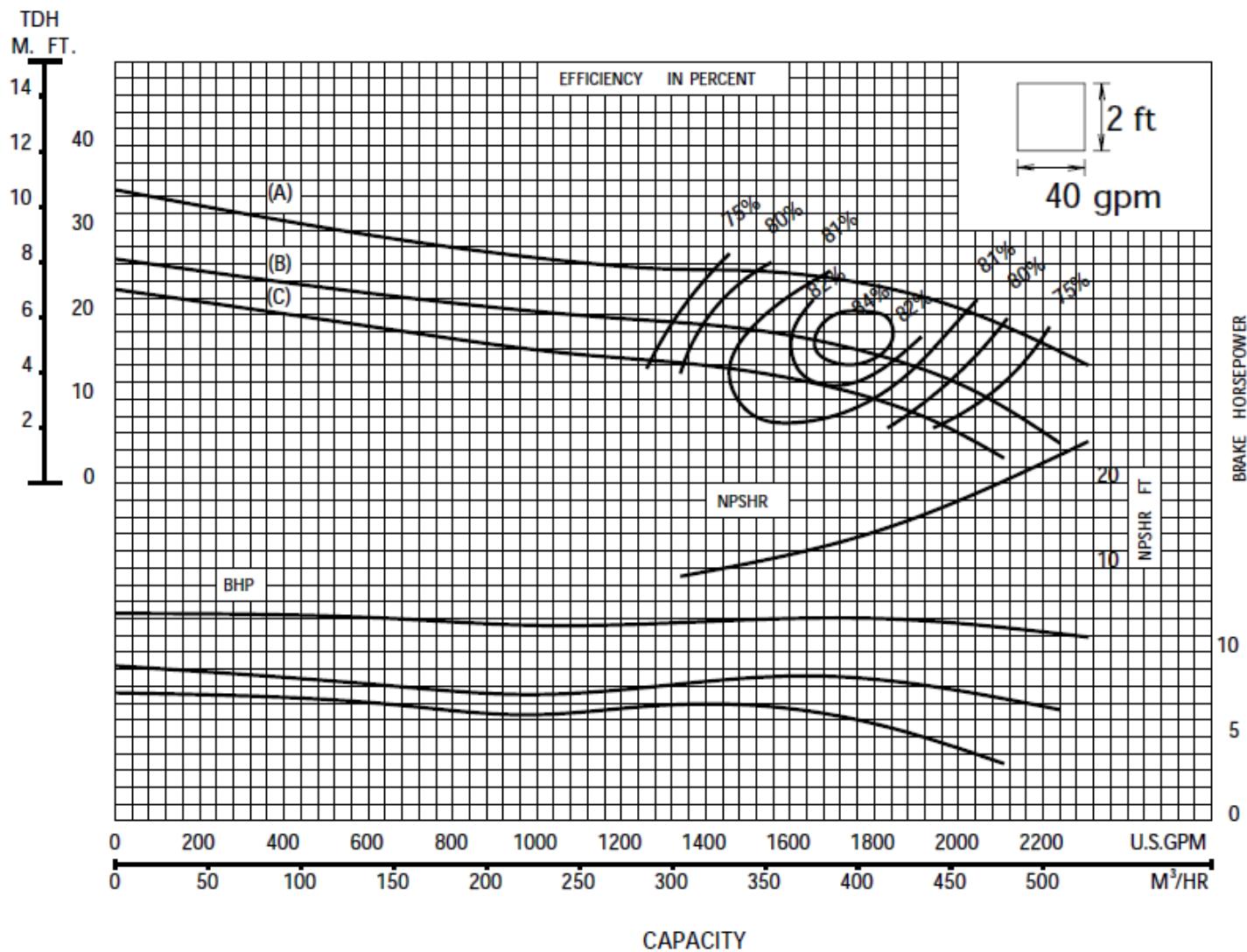
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W12YC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	4778	TRIM:	(A) 9.797" x 35°
MATERIAL	BRONZE		(B) 9.281" X 35°
TYPE	CLOSED		(C) 8.875" X 35°
THRUST FACTOR	K=14.20		
EYE AREA	38.00 SQ. IN.		Minimum submergence above eye of bottom impeller: .36 IN.
WEIGHT	19.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	4772 C.I./ENAM.
BOWL MAX. DIAMETER	12.188 IN.
BOWL MIN. DIAMETER	11.750 IN.
MAX. NO. STAGES	20
ONE STAGE WEIGHT	415 LB.
ADD STAGE WEIGHT	140 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	1.500 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.					

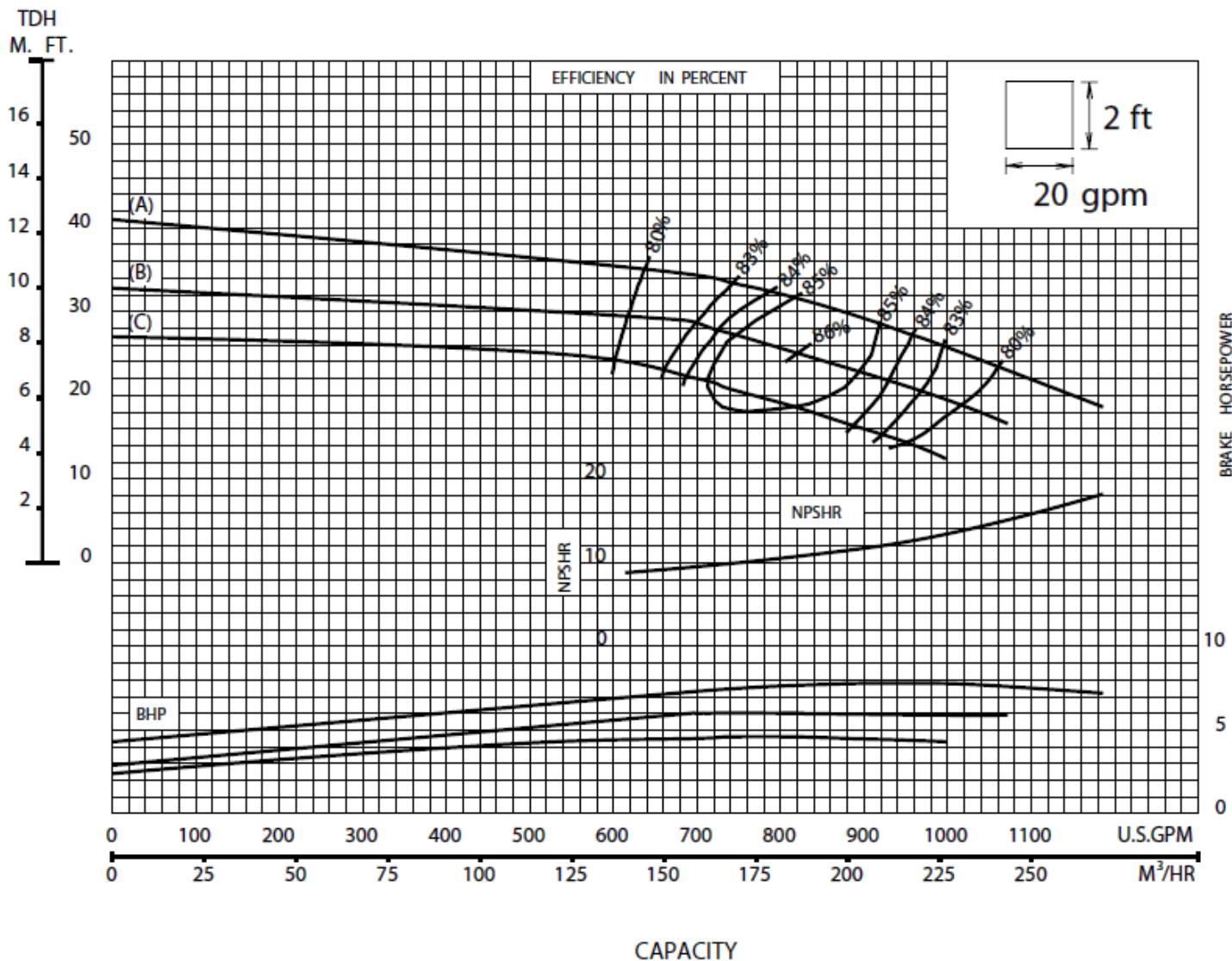
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W13MC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	2999	TRIM:	(A) 9.938" x 30°
MATERIAL	BRONZE		(B) 9.313" X 30°
TYPE	CLOSED		(C) 8.625" X 30°
THRUST FACTOR	K=7.9		
EYE AREA	23.37 SQ. IN.		Minimum submergence above eye of bottom impeller: .30 IN.
WEIGHT	14.70 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	2998 C.I./ENAM.
BOWL MAX. DIAMETER	12.500 IN.
BOWL MIN. DIAMETER	12.125 IN.
MAX. NO. STAGES	26
ONE STAGE WEIGHT	240 LB.
ADD STAGE WEIGHT	79 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.					

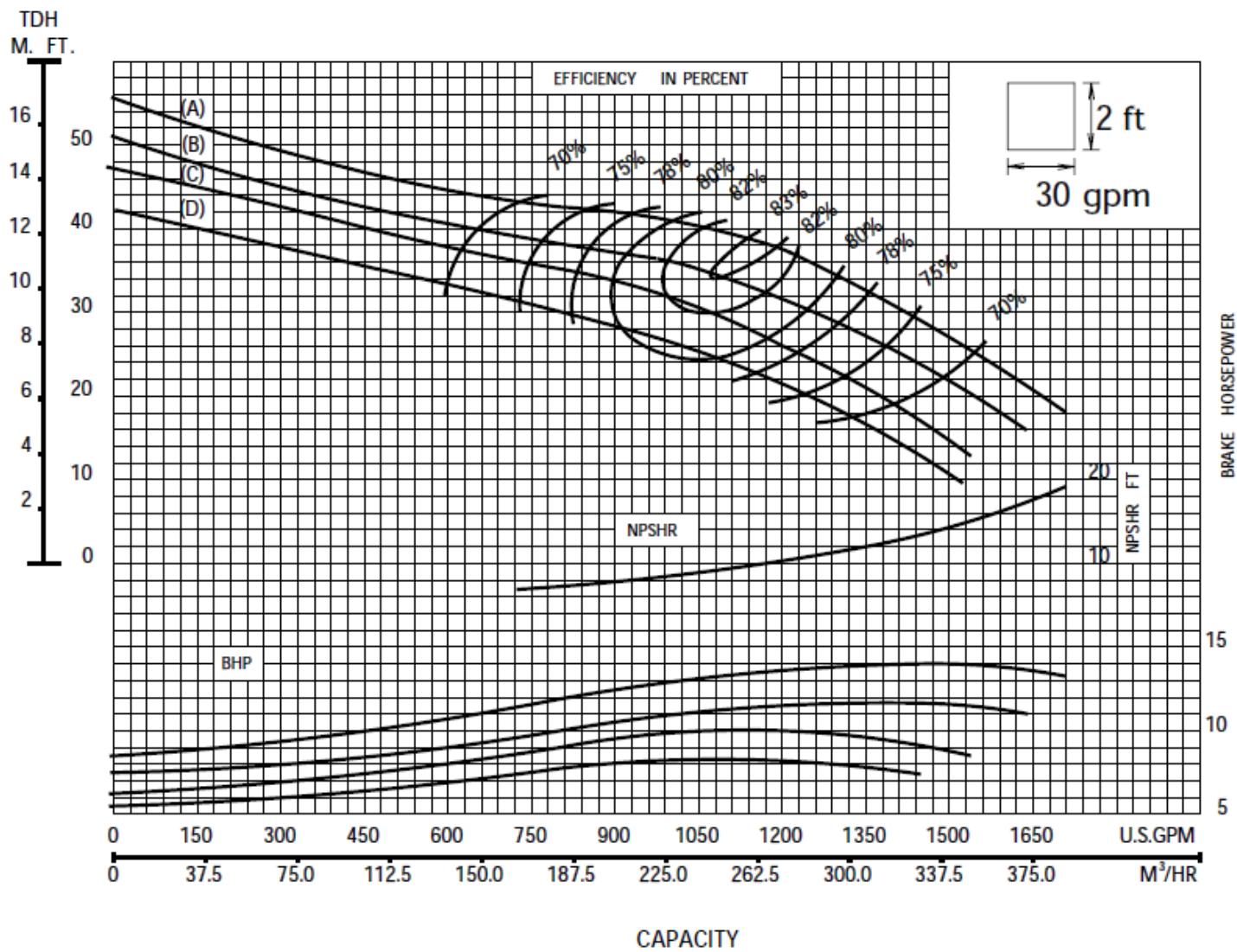
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W14LC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	3105	TRIM:	(A) 11.313" x 23°
MATERIAL	BRONZE		(B) 11.000" X 30°
TYPE	CLOSED		(C) 10.688" X 30°
THRUST FACTOR	K=17.20		(D) 10.313" X 30°
EYE AREA	31.50 SQ. IN.		Minimum submergence above eye of bottom impeller: .30 IN.
WEIGHT	28.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3106 C.I./ENAM.
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	19
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.					

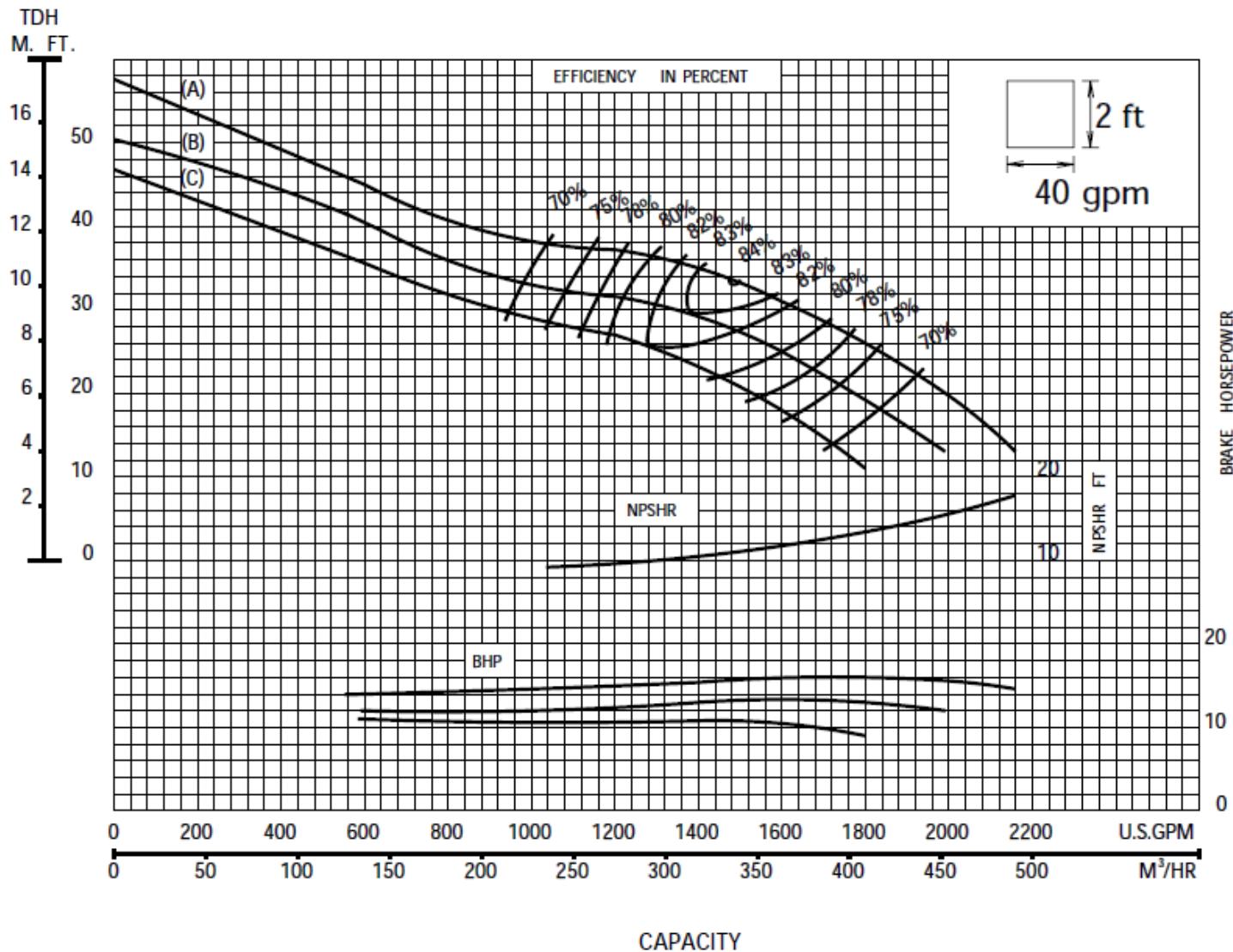
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W14MC

1160 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.		Minimum submergence above eye of bottom impeller: .30 IN.
WEIGHT	28.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3042 C.I./ENAM.
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	19
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.					

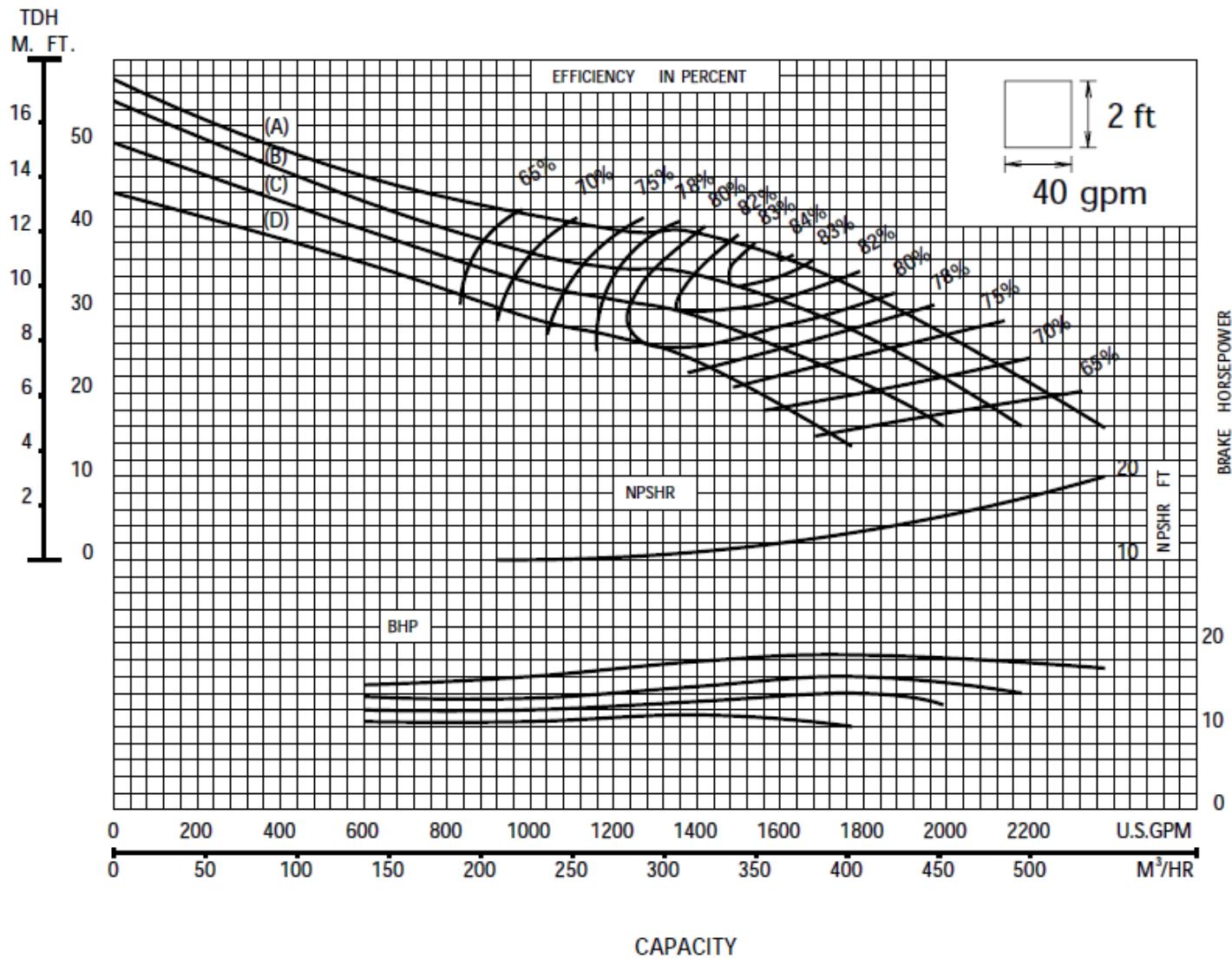
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W14HC

1160 RPM



CAPACITY

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.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	30.25 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3042 C.I./ENAM.
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	19
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.					

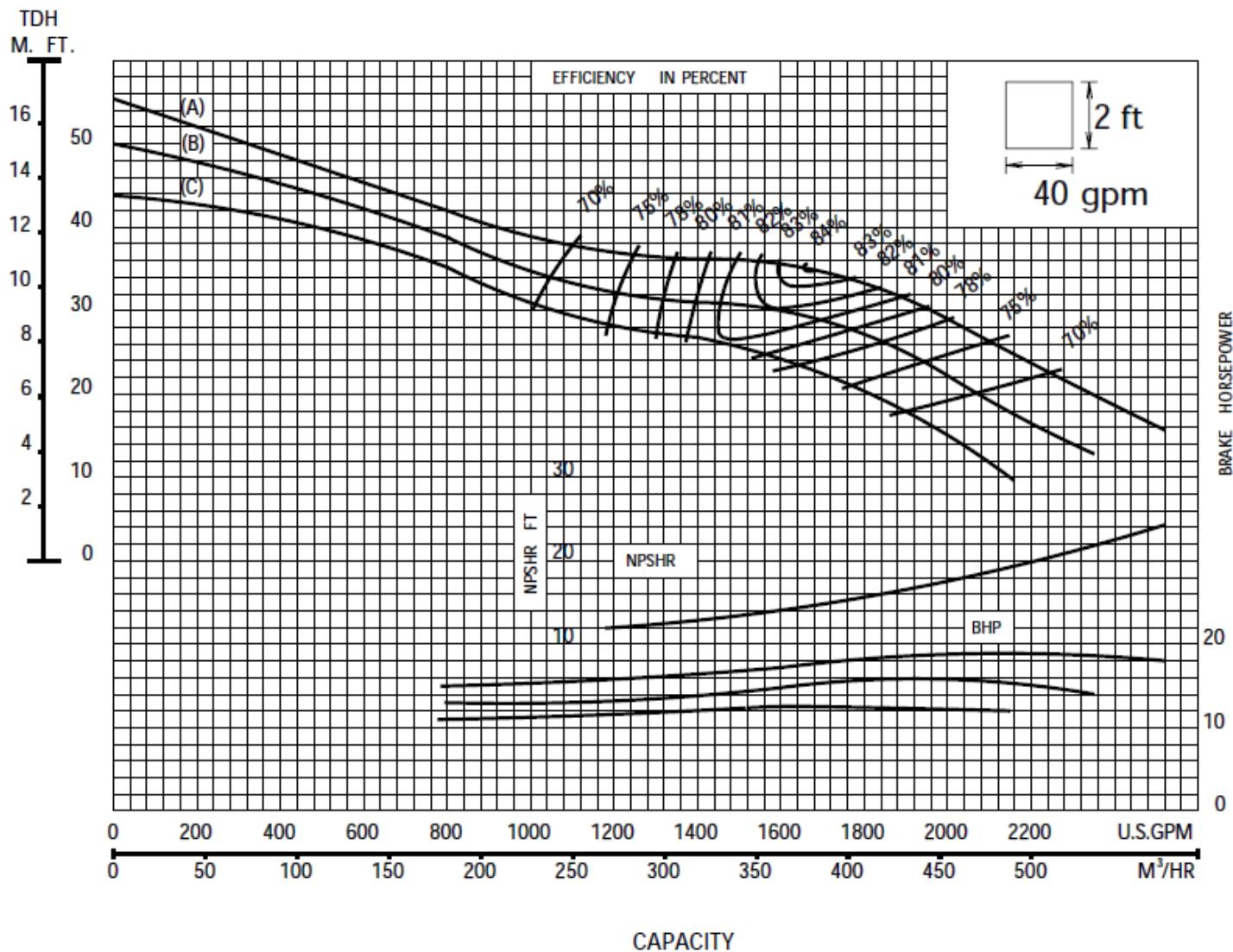
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W14XC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	3086	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.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	29.25 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3042 C.I./ENAM.
BOWL MAX. DIAMETER	13.500 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	19
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.					

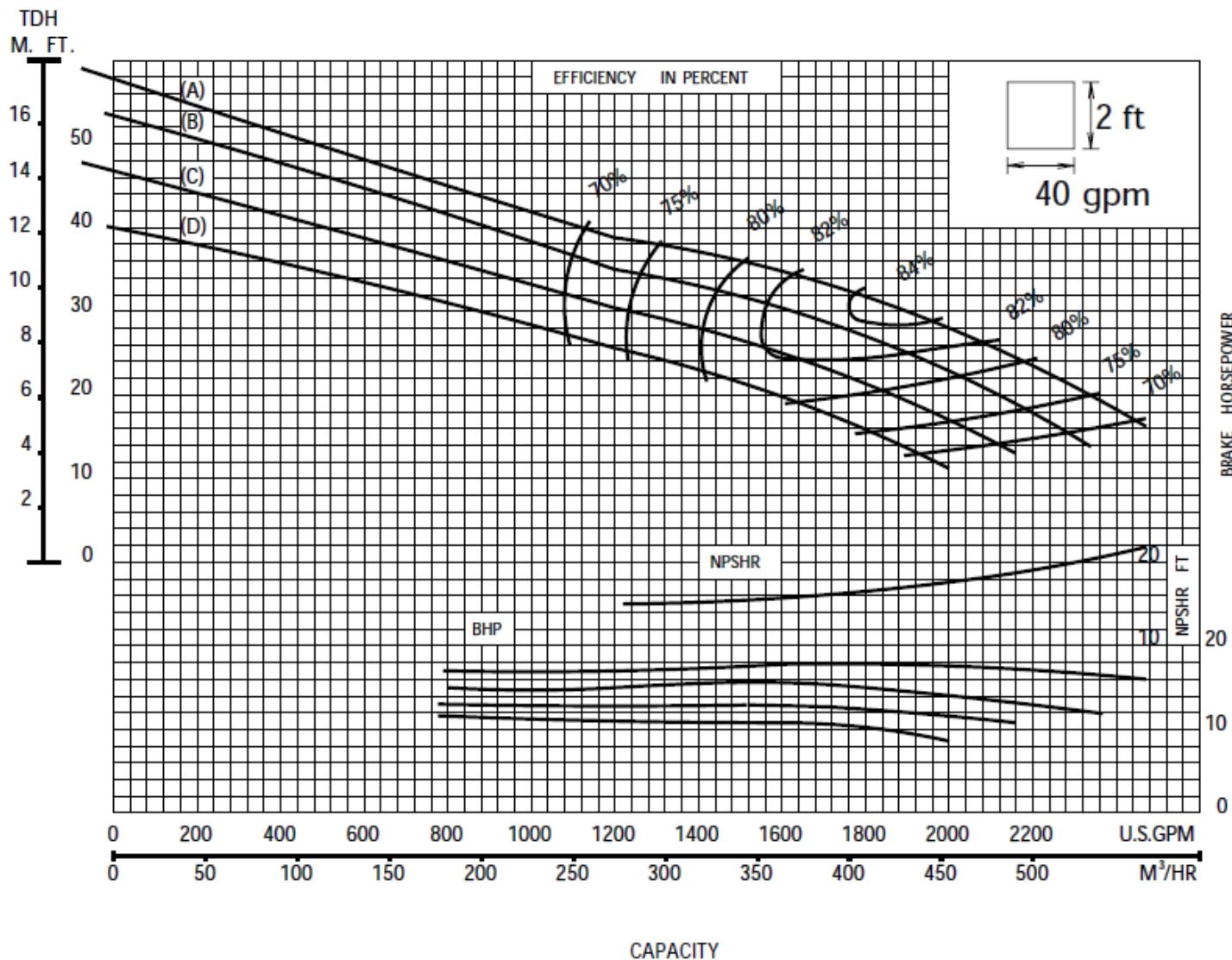
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W14WC

1160 RPM



CAPACITY

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.		Minimum submergence above eye of bottom impeller: .34 IN.
WEIGHT	31.75 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	4152 C.I./ENAM.
BOWL MAX. DIAMETER	14.063 IN.
BOWL MIN. DIAMETER	13.250 IN.
MAX. NO. STAGES	18
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.					

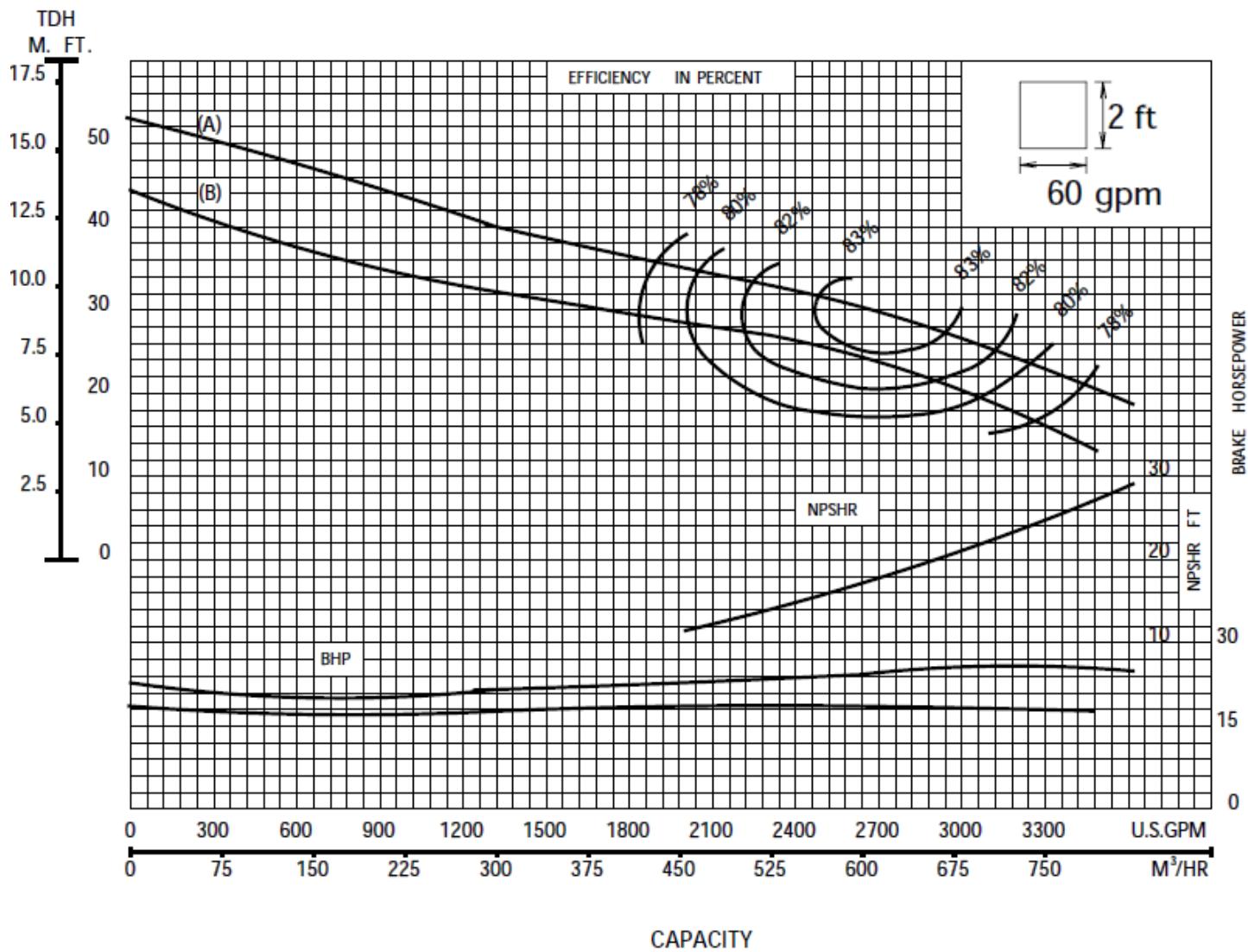
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W15KC

1160 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.		Minimum submergence above eye of bottom impeller: .36 IN.
WEIGHT	30.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	0001 C.I./ENAM.
BOWL MAX. DIAMETER	15.250 IN.
BOWL MIN. DIAMETER	14.750 IN.
MAX. NO. STAGES	14
ONE STAGE WEIGHT	514 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	2,250 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.					

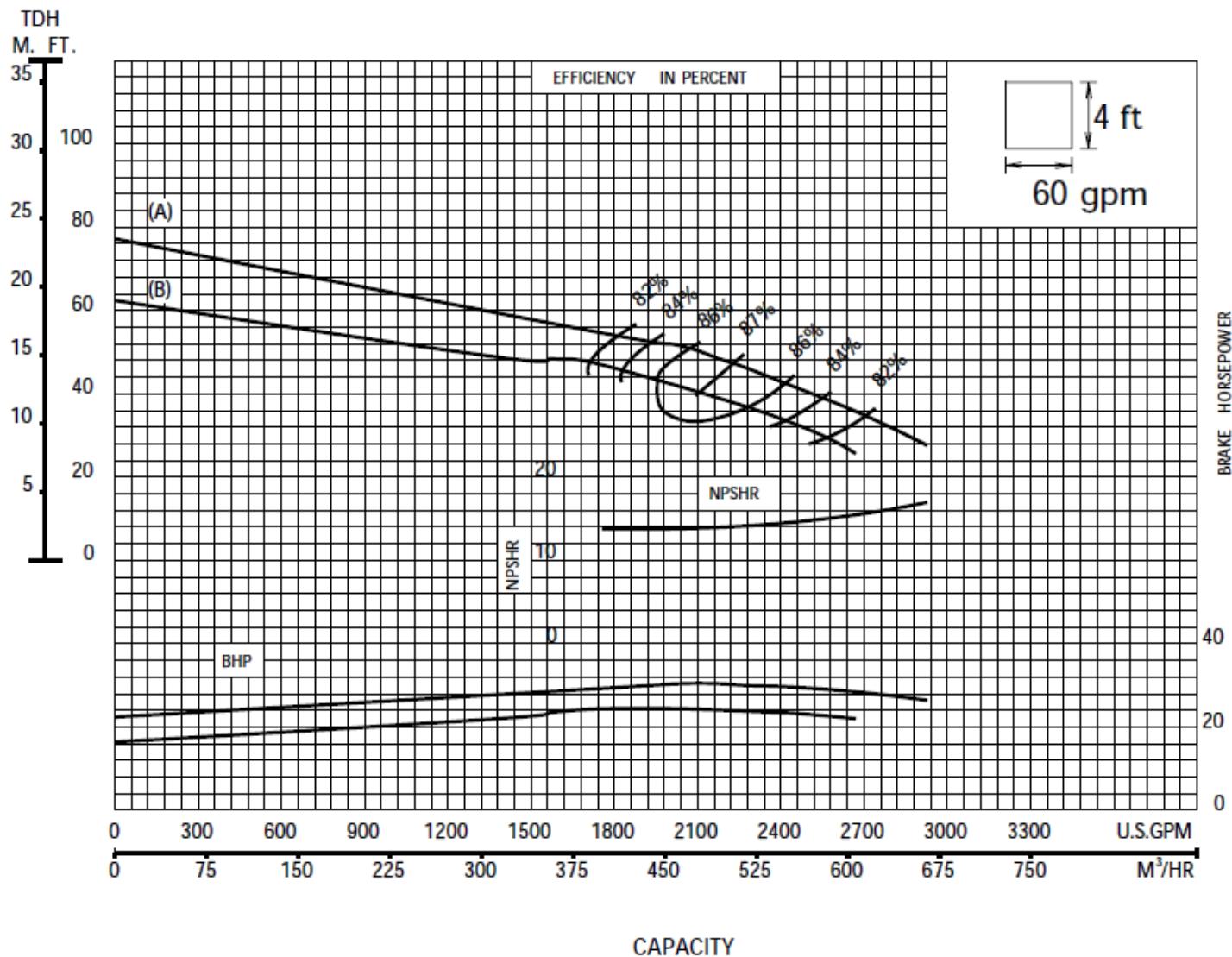
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W18LC

1160 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.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	42.00 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3905 C.I./ENAM.
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	15
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	18.000 IN.
MAX. SPHERE SIZE	1,250 IN.
MAX. OPERATIONAL P.S.I.	500 (SPECIAL)

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

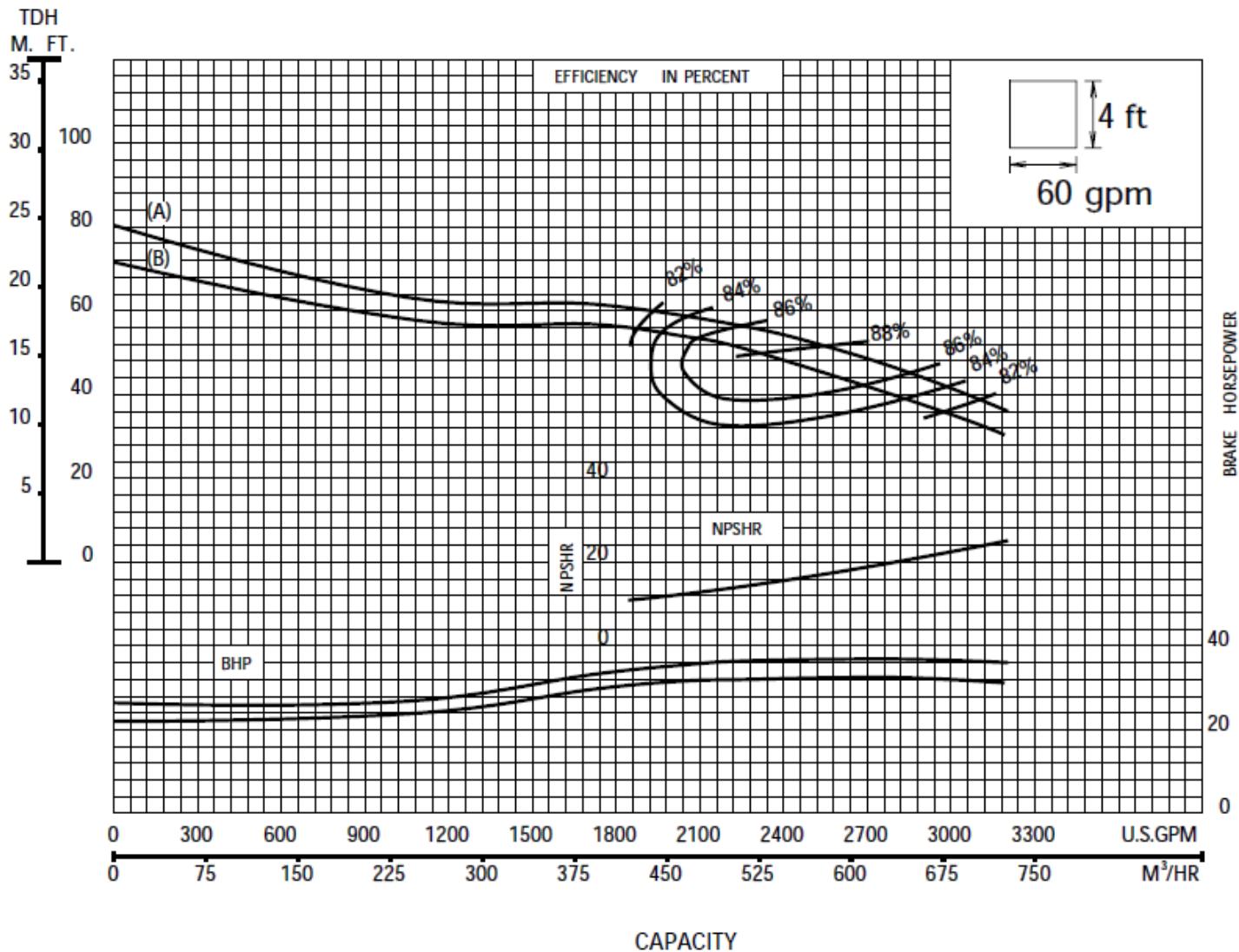
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W18MC

1160 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.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	42.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3905 C.I./ENAM.
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	15
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	18.000 IN.
MAX. SPHERE SIZE	1,375 IN.
MAX. OPERATIONAL P.S.I.	500 (SPECIAL)

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

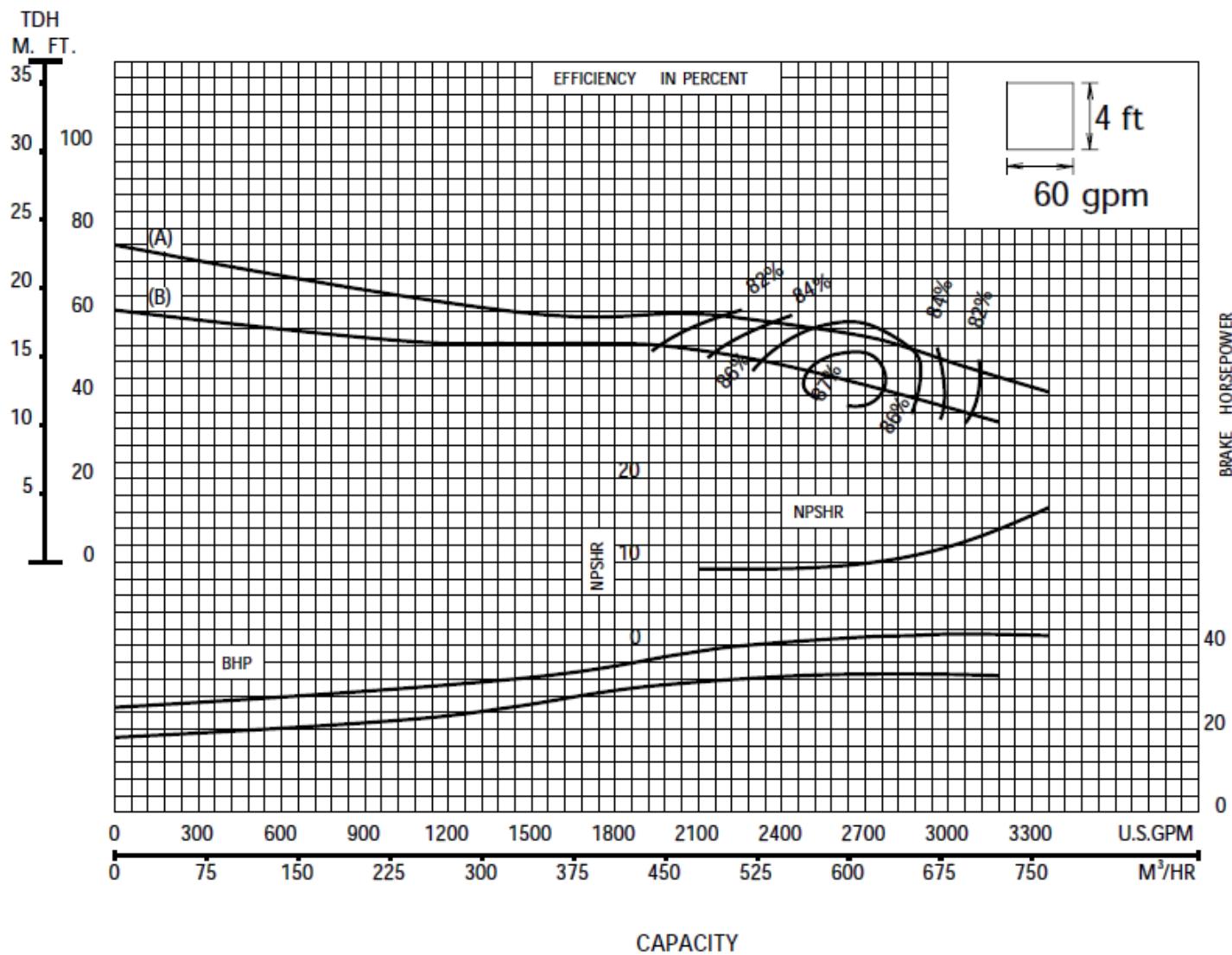
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W18HC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	3941	TRIM:	(A) 13.188" x 20°
MATERIAL	BRONZE		(B) 12.250 X 20°
TYPE	CLOSED		
THRUST FACTOR	K=23.5		
EYE AREA	67.5 SQ. IN.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	42.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3905 C.I./ENAM.
BOWL MAX. DIAMETER	17.750 IN.
BOWL MIN. DIAMETER	17.500 IN.
MAX. NO. STAGES	10
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	18.000 IN.
MAX. SPHERE SIZE	1,375 IN.
MAX. OPERATIONAL P.S.I.	500 (SPECIAL)

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

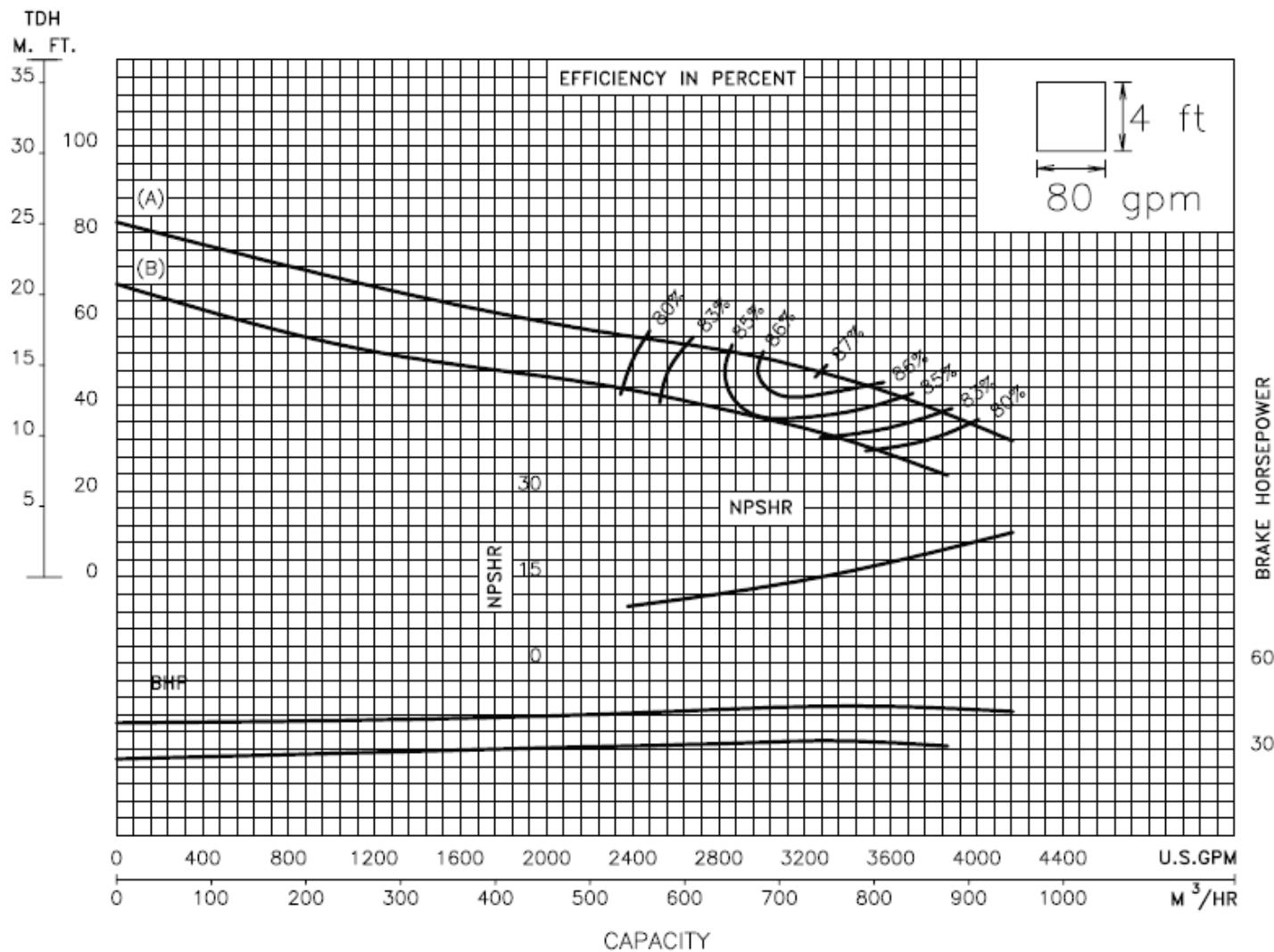
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W20LC

1160 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.		Minimum submergence above eye of bottom impeller: .33 IN.
WEIGHT	69.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3969 C.I./ENAM.
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	13
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.					

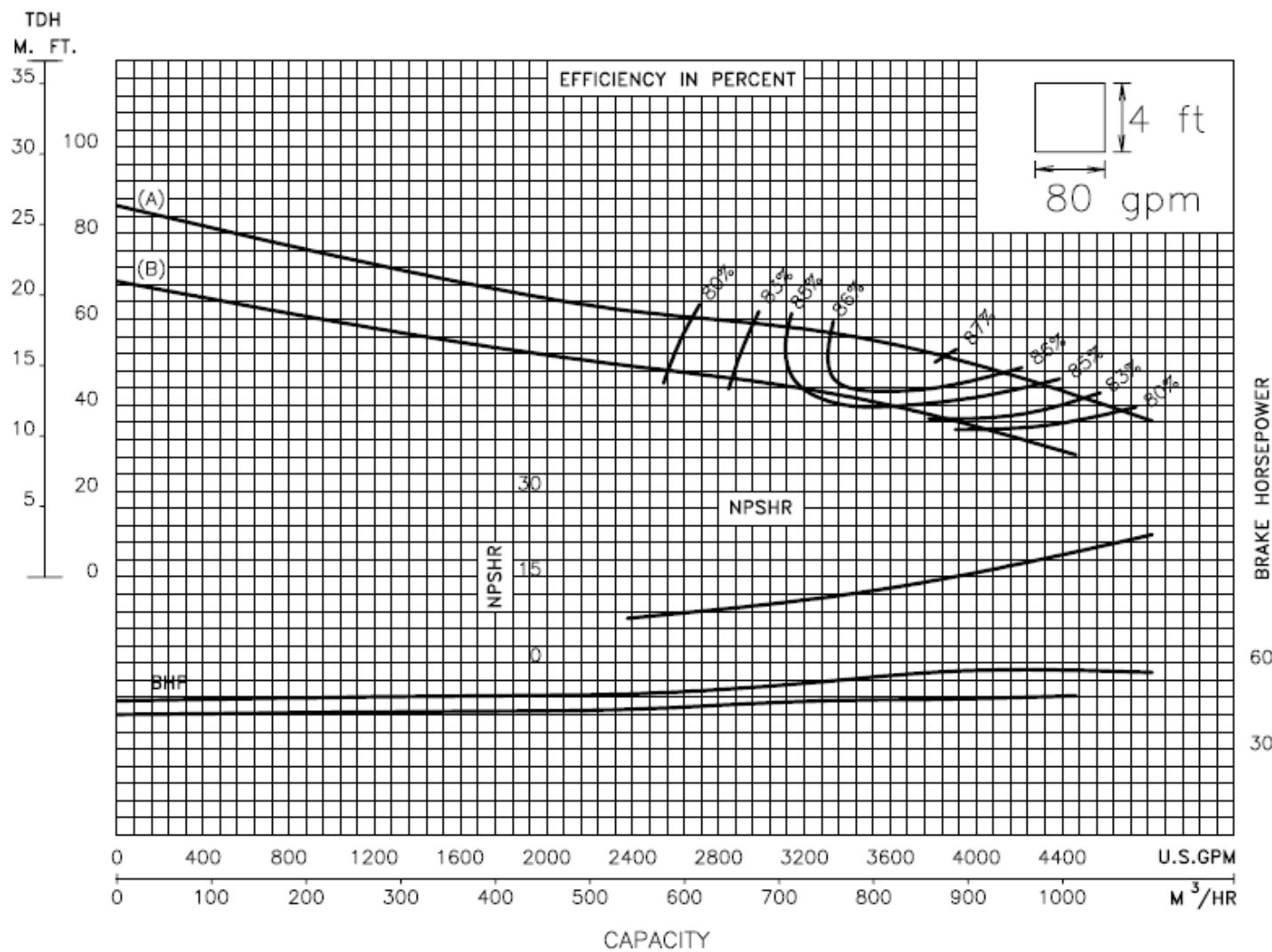
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W20MC

1160 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.		Minimum submergence above eye of bottom impeller: .33 IN.
WEIGHT	69.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3969 C.I./ENAM.
BOWL MAX. DIAMETER	19.875 IN.
BOWL MIN. DIAMETER	19.250 IN.
MAX. NO. STAGES	10
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.					

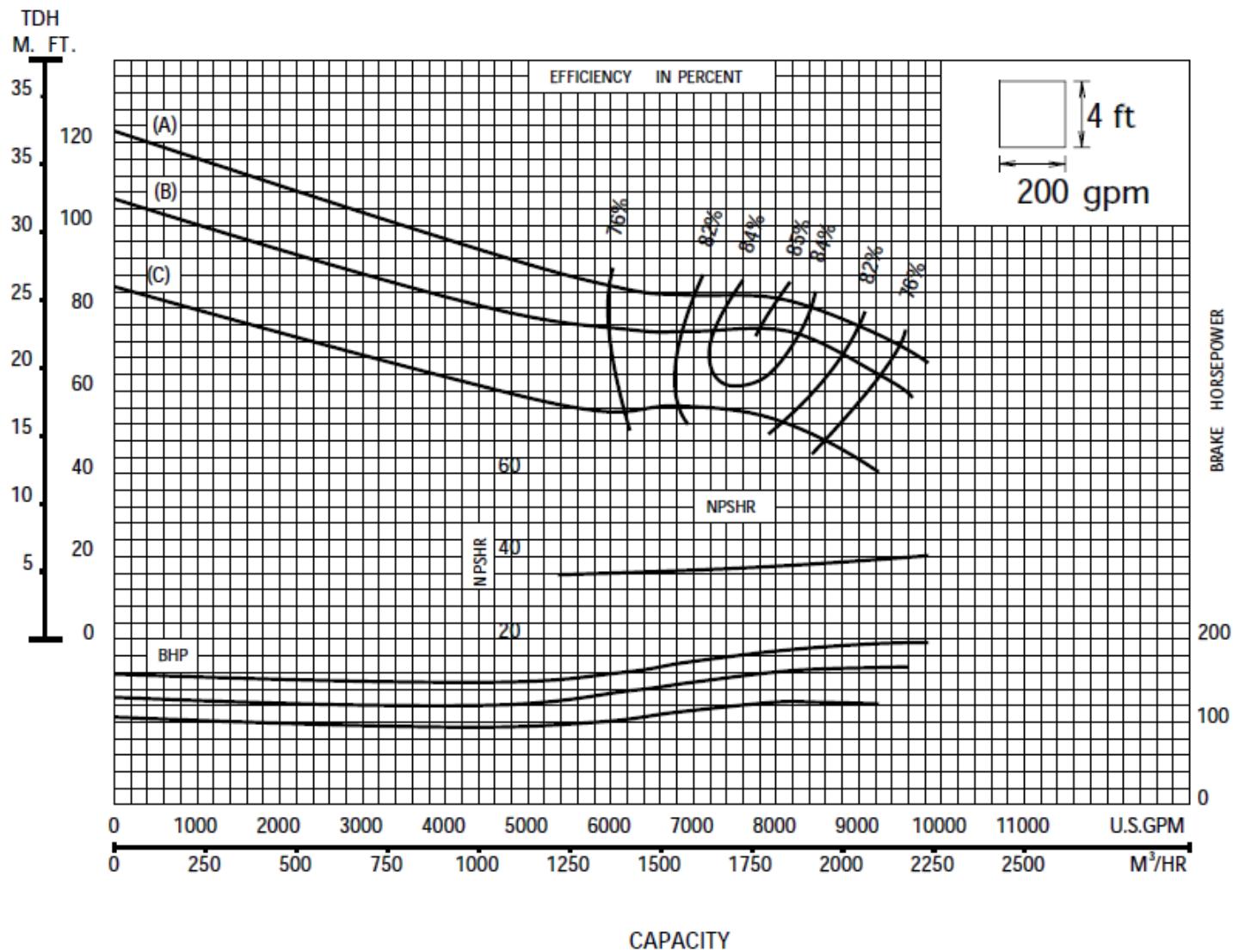
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W20HC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	3987	TRIM:	(A) 16.750" x 27.5°
MATERIAL	BRONZE		(B) 16.250 X 27.5°
TYPE	CLOSED		(C) 15.313" X 27.5°
THRUST FACTOR	K=58.0		
EYE AREA	112.5 SQ. IN.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	94.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	3996 C.I./ENAM.
BOWL MAX. DIAMETER	20.000 IN.
BOWL MIN. DIAMETER	19.750 IN.
MAX. NO. STAGES	4
ONE STAGE WEIGHT	845 LB.
ADD STAGE WEIGHT	560 LB.
STD. SHAFT DIA.	2.438 IN.
STD. LATERAL	0.625 IN.
DISCHARGE SIZE	14 - 16 IN.
SUCTION BELL SIZE	23.313 IN.
MAX. SPHERE SIZE	2.00 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

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

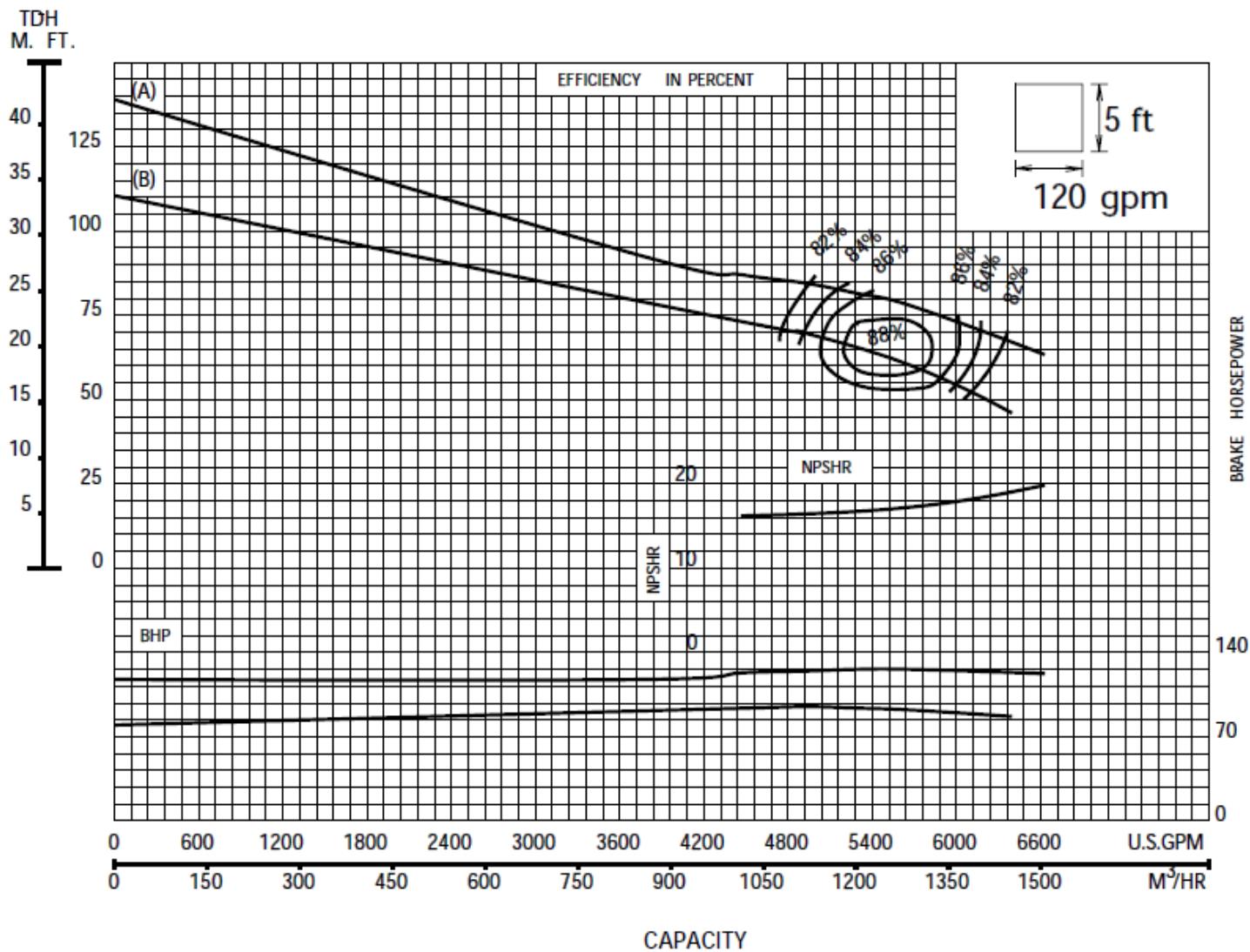
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

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W24LC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	4865	TRIM:	(A) 17.500" x 18°
MATERIAL	BRONZE		(B) 16.250" X 18°
TYPE	CLOSED		
THRUST FACTOR	K=41.20		
EYE AREA	93.0 SQ. IN.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	82.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	5329 C.I./ENAM.
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	14 - 16 IN.
SUCTION BELL SIZE	24.750 IN.
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

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

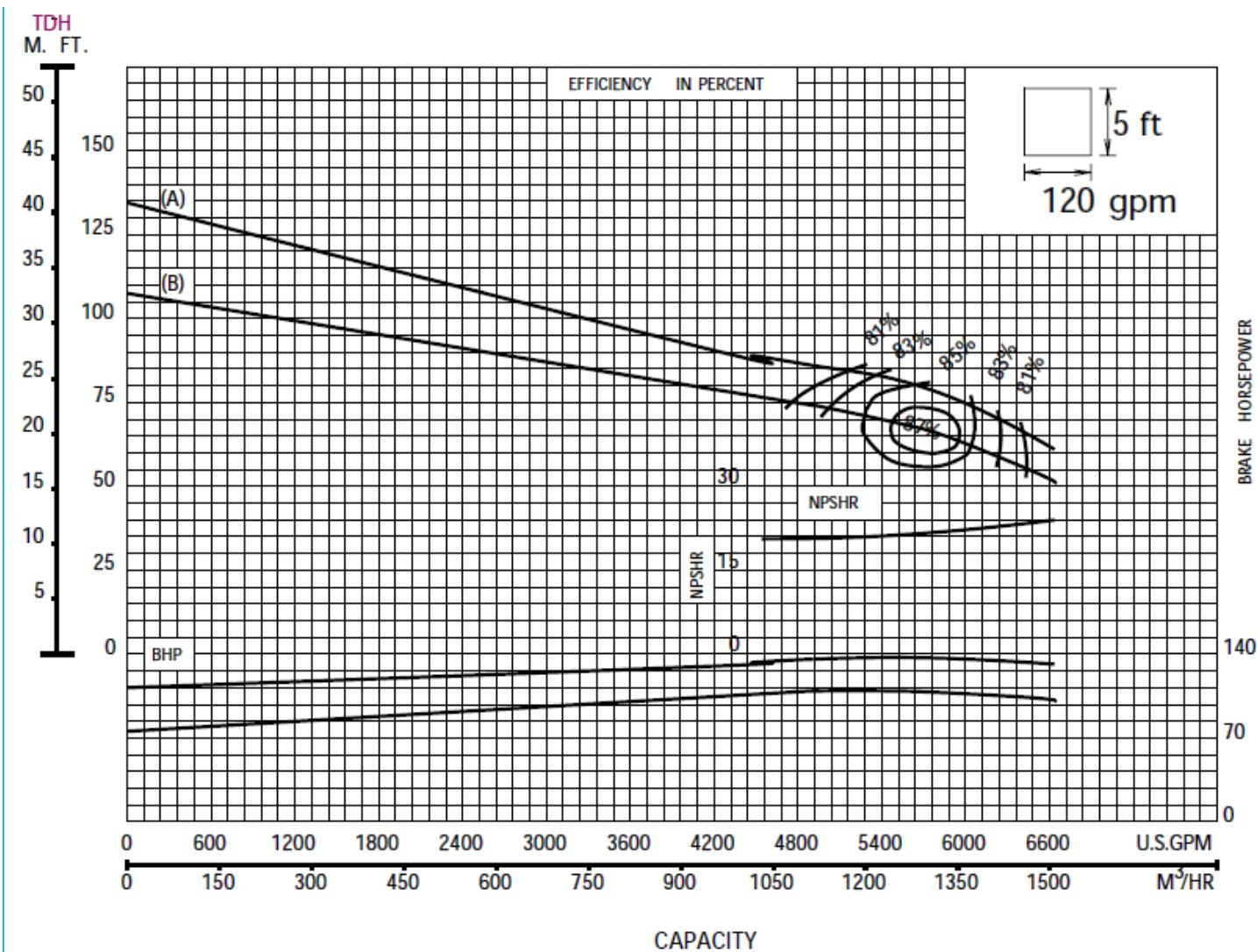
Performance based on pumping clear, fresh water at a temperature not over 85°F., free of gas, air or abrasives and with bowls properly adjusted and submerged. Performance curve reflects Hydraulic Institute tolerances and guidelines.

Wilo-Vertical Turbine Pump Curve

wilo®

W24MC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	4874	TRIM:	(A) 17.500" x 18°
MATERIAL	BRONZE		(B) 16.250" X 18°
TYPE	CLOSED		
THRUST FACTOR	K=41.2		
EYE AREA	93.0 SQ. IN.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	82.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	5329 C.I./ENAM.
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	6
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	14 - 16 IN.
SUCTION BELL SIZE	24.750 IN.
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (SPECIAL)

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

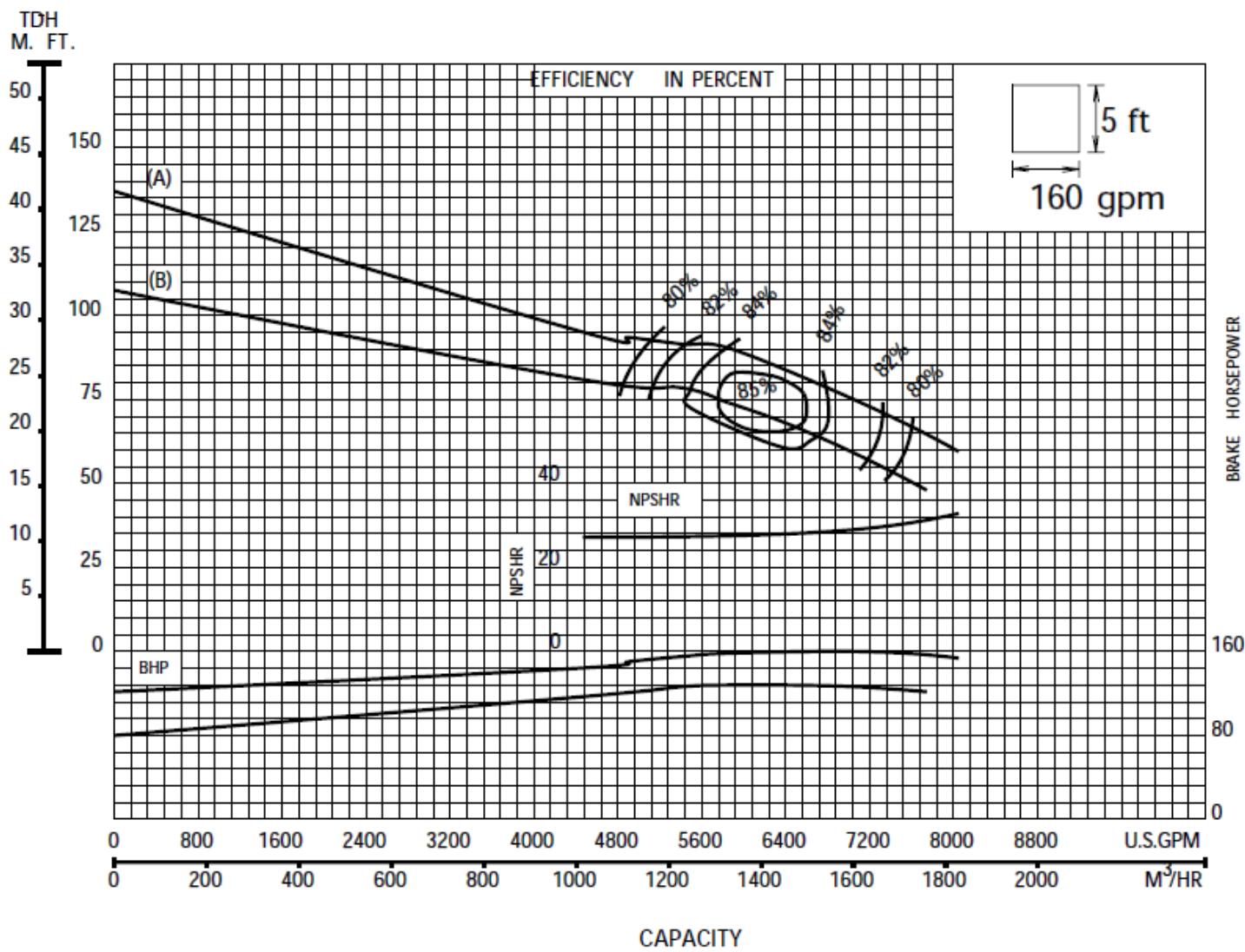
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Wilo-Vertical Turbine Pump Curve

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W24HC

1160 RPM



IMPELLER DATA			
IMPELLER NUMBER	4883	TRIM:	(A) 17.500" x 18°
MATERIAL	BRONZE		(B) 16.250" X 18°
TYPE	CLOSED		
THRUST FACTOR	K=41.2		
EYE AREA	93.0 SQ. IN.		Minimum submergence above eye of bottom impeller: .32 IN.
WEIGHT	82.0 LB.		

FLANGED BOWL DATA	
BOWL NUMBER	5329 C.I./ENAM.
BOWL MAX. DIAMETER	24.000 IN.
BOWL MIN. DIAMETER	23.750 IN.
MAX. NO. STAGES	5
ONE STAGE WEIGHT	1150 LB.
ADD STAGE WEIGHT	850 LB.
STD. SHAFT DIA.	2.688 IN.
STD. LATERAL	0.938 IN.
DISCHARGE SIZE	14 - 16 IN.
SUCTION BELL SIZE	24.750 IN.
MAX. SPHERE SIZE	2.000 IN.
MAX. OPERATIONAL P.S.I.	250 (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.