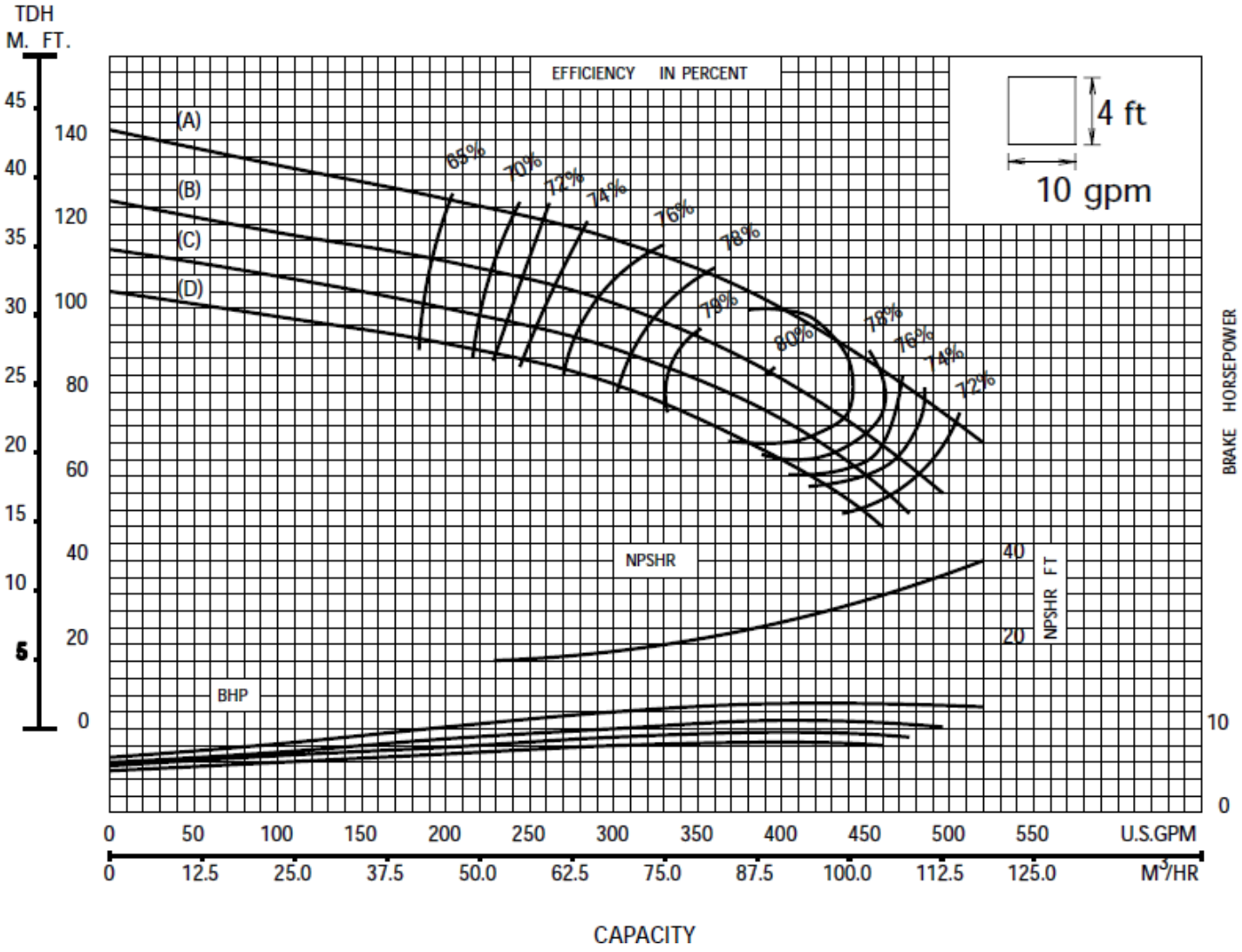
Wilo–Vertical Turbine Pump Curve

W8KS **3450 RPM**



IMPELLER DATA			
IMPELLER NUMBER	3693	TRIM:	(A) 6.313” x 18°
MATERIAL	BRONZE		(B) 6.000” X 18°
TYPE	SEMI–OPEN		(C) 5.750” X 18°
THRUST FACTOR	K=4.42		(D) 5.500” X 18°
EYE AREA	6.60 SQ. IN.	Minimum submergence above eye of bottom impeller: .20 IN.	
WEIGHT	3.75 LB.		

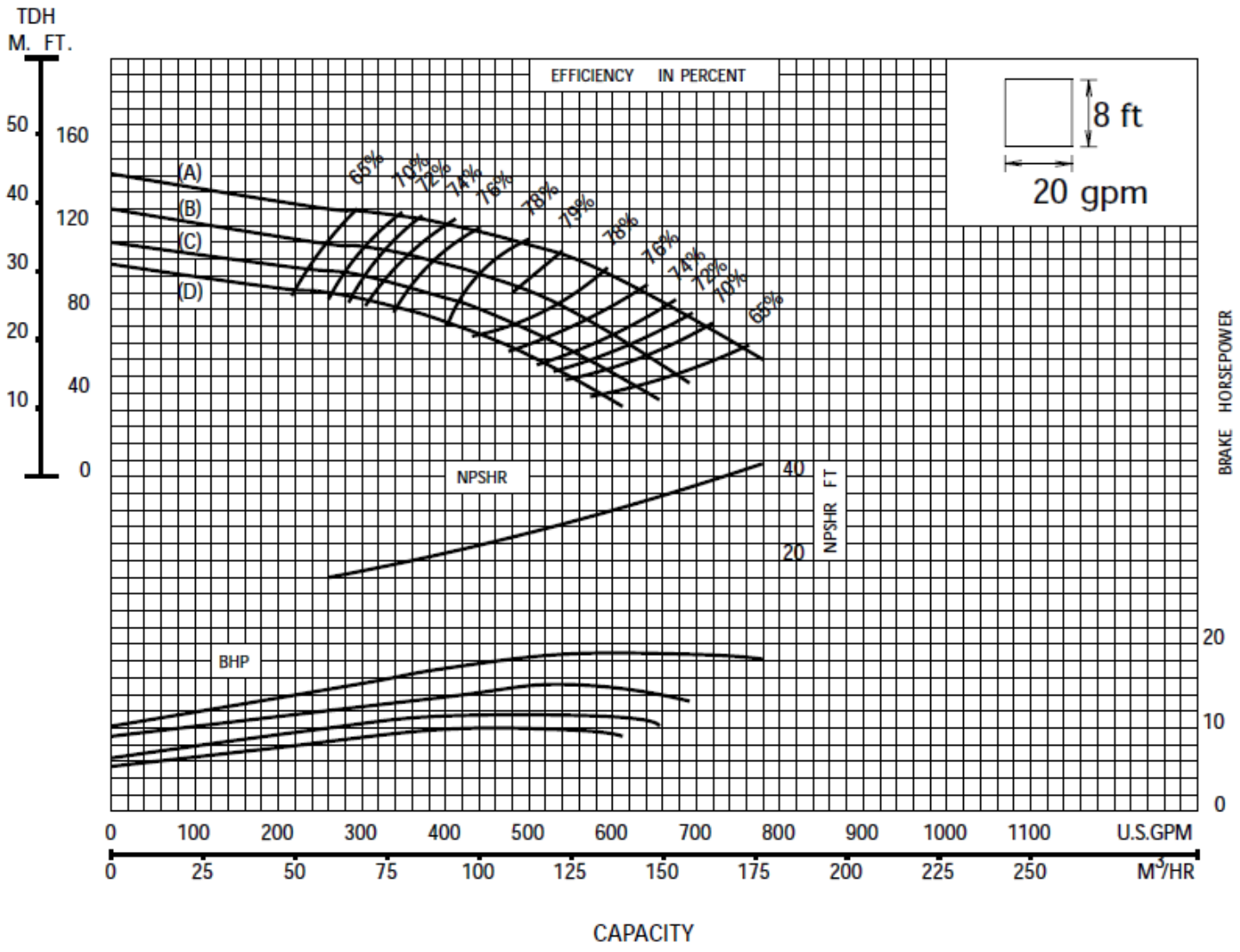
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3		
CHANGE AS FOLLOWS:	–4	–2	0		
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

BOWL DATA	
BOWL NUMBER	3591–S C.I./ENAM.
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	10
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)

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

W8MS **3450 RPM**



IMPELLER DATA			
IMPELLER NUMBER	3590	TRIM:	(A) 6.313" x 27.5°
MATERIAL	BRONZE		(B) 6.000" X 27.5°
TYPE	SEMI–OPEN		(C) 5.750" X 27.5°
THRUST FACTOR	K=4.280		(D) 5.500" X 27.5°
EYE AREA	6.600 SQ. IN.	Minimum submergence above eye of bottom impeller: .24 IN.	
WEIGHT	4.125 LB.		

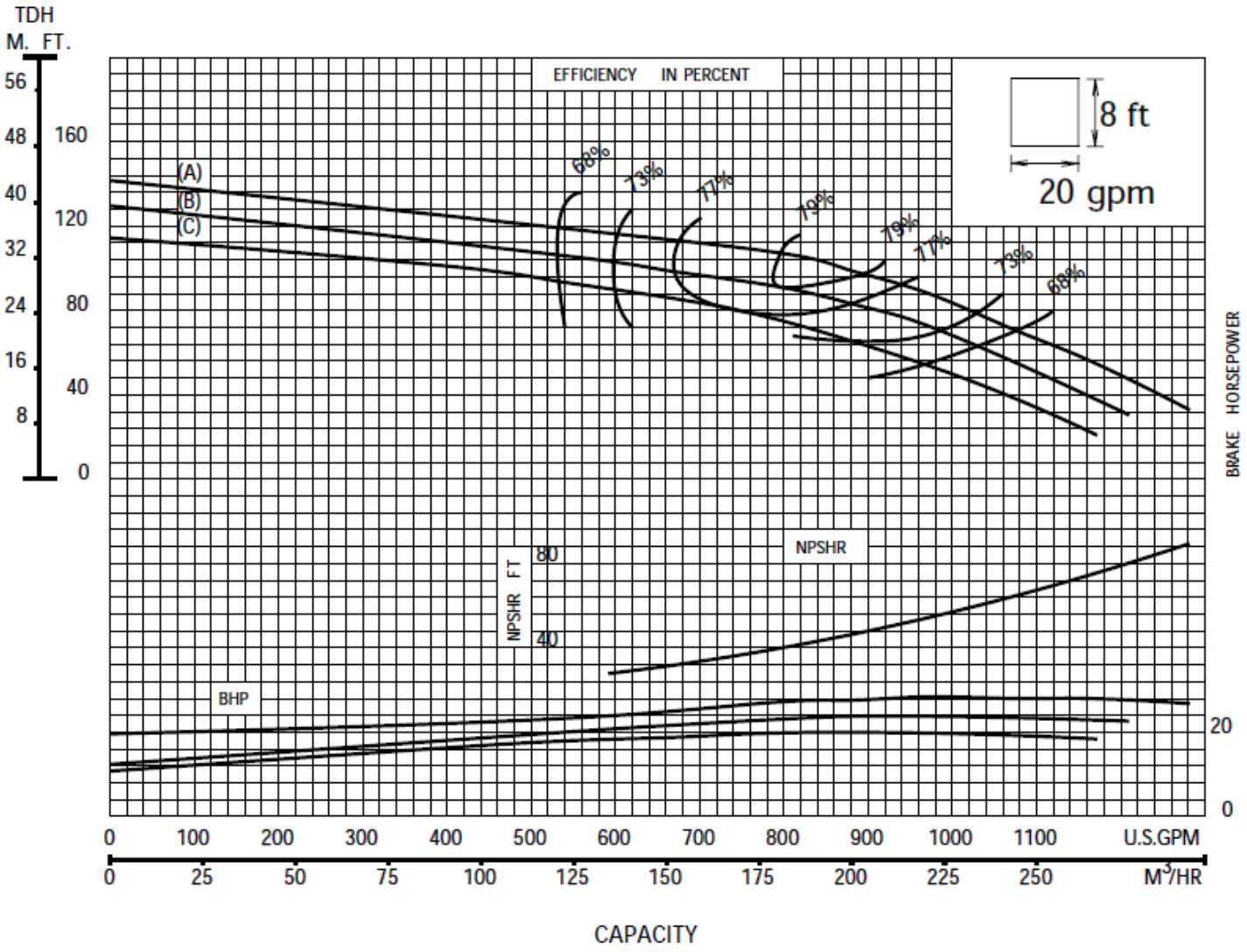
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	5
CHANGE AS FOLLOWS:	–4	–3	–2	–1	0
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

BOWL DATA	
BOWL NUMBER	3591–S C.I./ENAM.
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	30
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)

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

W8EHS **3450 RPM**



IMPELLER DATA			
IMPELLER NUMBER	2981	TRIM:	(A) 6.313" x 29.5°
MATERIAL	BRONZE		(B) 6.000" X 29.5°
TYPE	SEMI–OPEN		(C) 5.750" X 29.5°
THRUST FACTOR	K=5.40		
EYE AREA	8.48 SQ. IN.	Minimum submergence above eye of bottom impeller: .24 IN.	
WEIGHT	3.25 LB.		

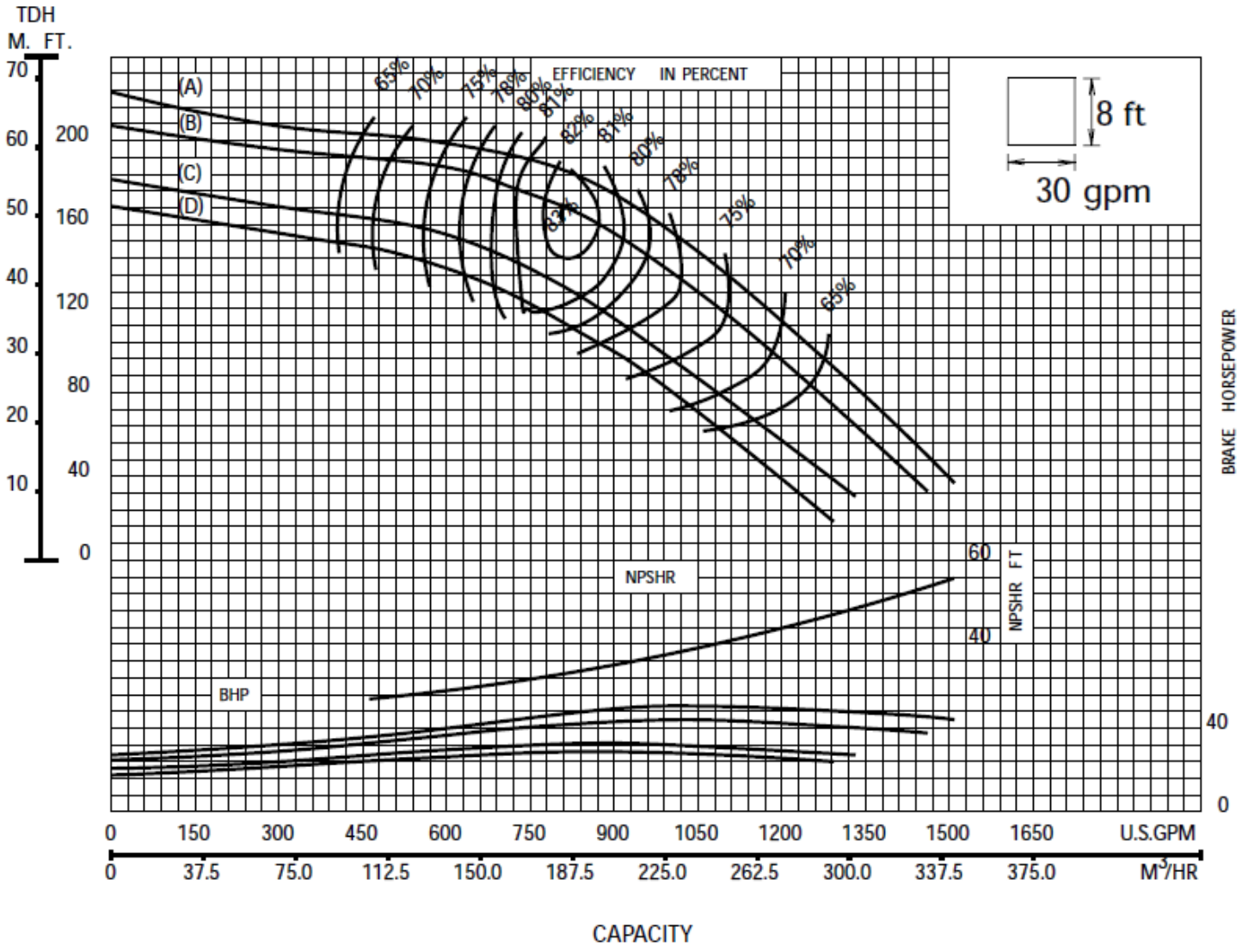
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	3	
CHANGE AS FOLLOWS:	–3	–2	–2	–1	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

BOWL DATA	
BOWL NUMBER	2883 C.I./ENAM.
BOWL MAX. DIAMETER	7.938 IN.
BOWL MIN. DIAMETER	7.500 IN.
MAX. NO. STAGES	4
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)

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

W10LS **3450 RPM**



IMPELLER DATA			
IMPELLER NUMBER	3103	TRIM:	(A) 7.688" x 20°
MATERIAL	BRONZE		(B) 7.500" X 20°
TYPE	SEMI–OPEN		(C) 7.125" X 20°
THRUST FACTOR	K=7.50		(D) 6.875" X 20°
EYE AREA	11.74 SQ. IN.	Minimum submergence above eye of bottom impeller: .38 IN.	
WEIGHT	6.25 LB.		

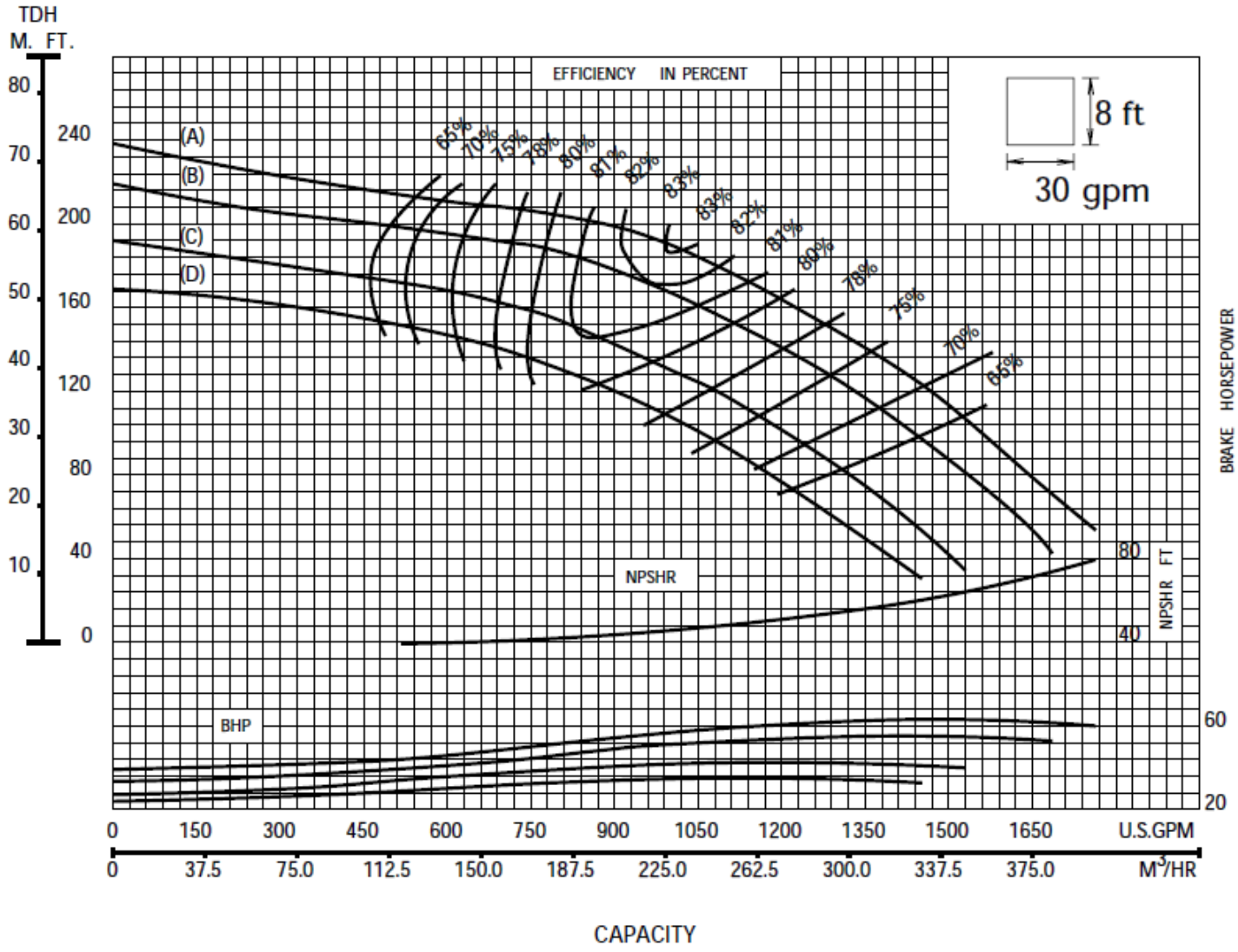
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	–4	–2	–1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

BOWL DATA	
BOWL NUMBER	3098–S C.I./ENAM.
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	10
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.000 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)

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

W10MS **3450 RPM**



IMPELLER DATA			
IMPELLER NUMBER	3099	TRIM:	(A) 7.688" x 26°
MATERIAL	BRONZE		(B) 7.500" X 26°
TYPE	SEMI–OPEN		(C) 7.125" X 26°
THRUST FACTOR	K=7.50		(D) 6.875" X 26°
EYE AREA	11.74 SQ. IN.	Minimum submergence above eye of bottom impeller: .38 IN.	
WEIGHT	5.75 LB.		

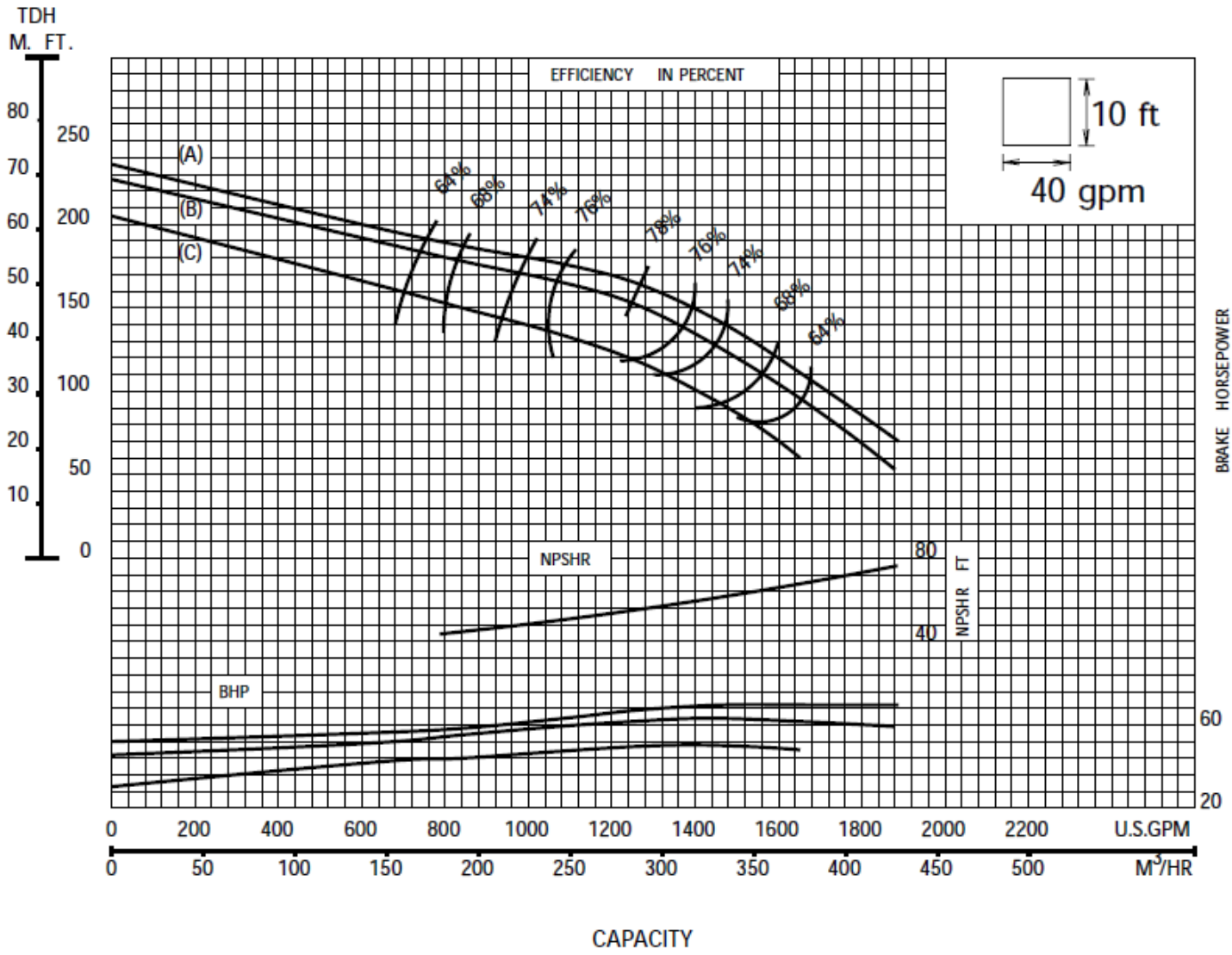
EFFICIENCY CORRECTION					
NUMBER OF BOWLS:	1	2	3	4	
CHANGE AS FOLLOWS:	–4	–2	–1	0	
CHANGE IN EFFICIENCY MAY AFFECT BOTH HEAD AND HORSEPOWER.					

BOWL DATA	
BOWL NUMBER	3098–S C.I./ENAM.
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	8
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.000 IN.
STD. LATERAL	1.500 IN.
DISCHARGE SIZE	6 – 8 IN.
SUCTION SIZE	6 – 8 IN.
MAX. SPHERE SIZE	0.625 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

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

W10HS **3450 RPM**



IMPELLER DATA			
IMPELLER NUMBER	2969	TRIM:	(A) 7.688" x 27°
MATERIAL	BRONZE		(B) 7.500" X 27°
TYPE	SEMI–OPEN		(C) 7.125" X 27°
THRUST FACTOR	K=9.20		
EYE AREA	14.90 SQ. IN.	Minimum submergence above eye of bottom impeller: .41 IN.	
WEIGHT	5.25 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.					

BOWL DATA	
BOWL NUMBER	2968–S C.I./ENAM.
BOWL MAX. DIAMETER	9.500 IN.
BOWL MIN. DIAMETER	9.250 IN.
MAX. NO. STAGES	7
ONE STAGE WEIGHT	230 LB.
ADD STAGE WEIGHT	55 LB.
STD. SHAFT DIA.	1.500 IN.
STD. LATERAL	1.625 IN.
DISCHARGE SIZE	6 – 8 IN.
SUCTION SIZE	6 – 8 IN.
MAX. SPHERE SIZE	0.500 IN
MAX. OPERATIONAL P.S.I.	595 (SPECIAL)

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.