



BERKELEY PUMP COMPANY

SUBMERSIBLE TURBINE PUMPS

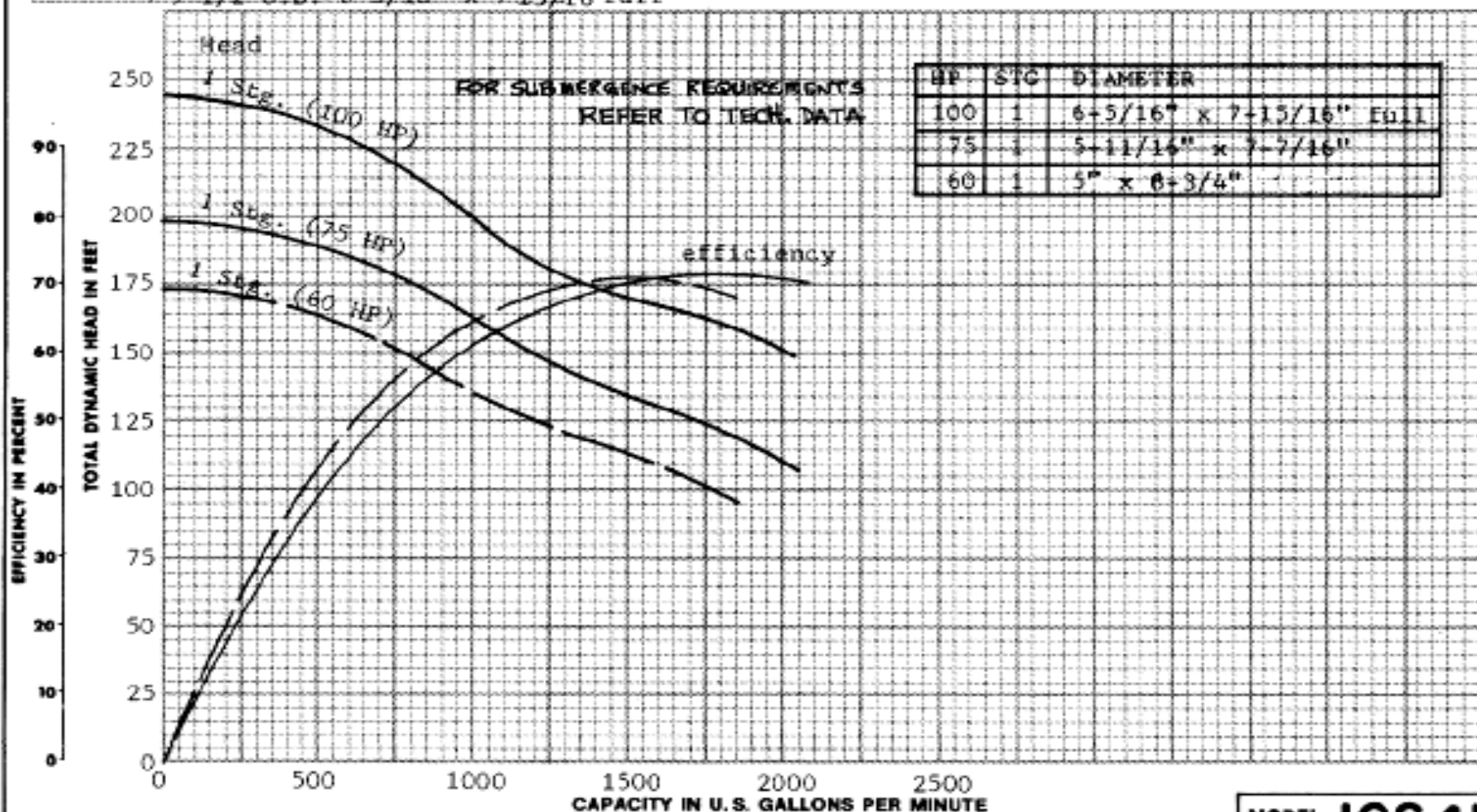
7", 8" AND 10" BOWLS

PERFORMANCE CURVES

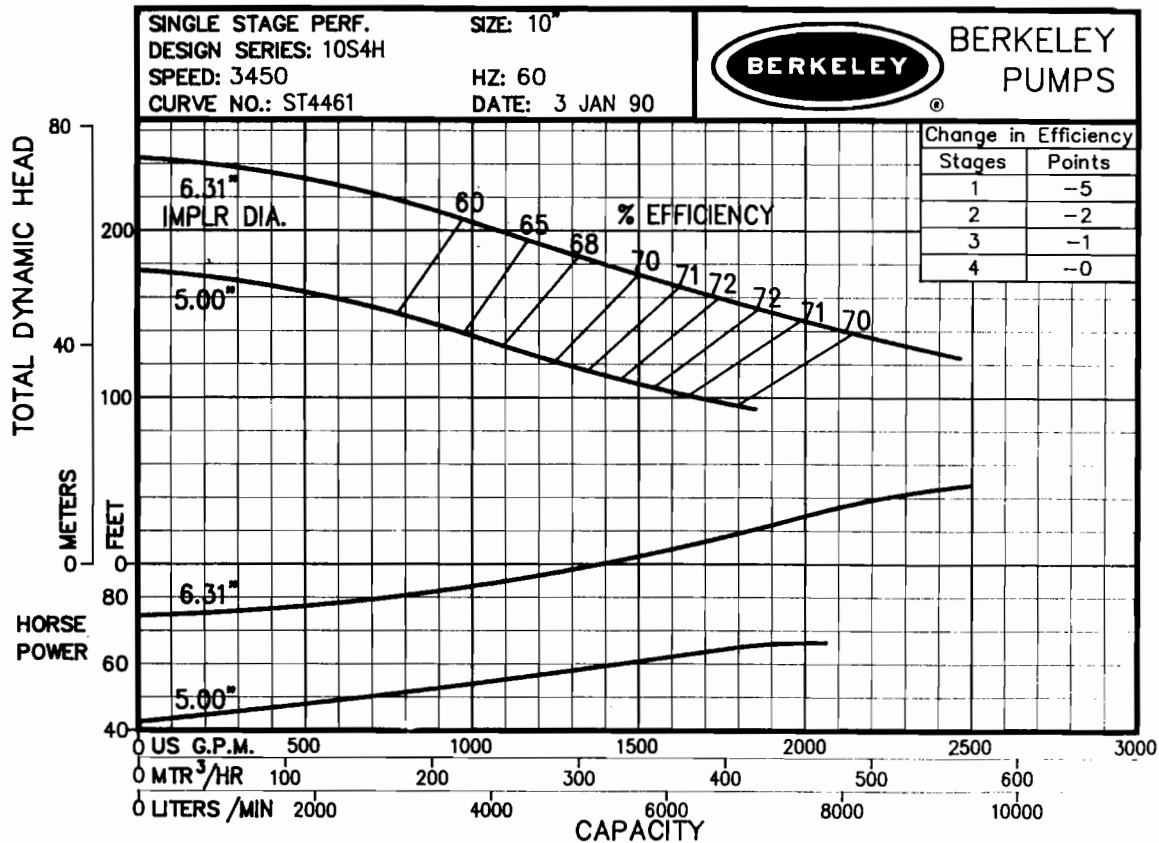
CURVE	2800
DATE	9-1-79
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SUPERSEDES	
NEW	

	Bowl	Impeller
Material	C.I. Porc.	Brz.
Part No.	L-577B	L-576
Mach. No.	L-978	L-576
Diameter	9-1/2" O.D.	6-5/16" x 7-15/16" Full

Based on T- 3690 Test of 1 Stage Pump.
Performance for 1 Stage Pump.



Submersible Turbine Model 10S4H



Specifications

CURVE No. ST4461

LIQUID END WEIGHTS

DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	227.9	60-100	8"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	85.6	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 21.1 Sq. In.
 THRUST CONSTANT K 7.03 Lbs./Ft of HEAD.

IMPELLER No.	IMPELLER Dia.
M07884	7.94" @ 31" (6.31")

OUTLINE DIMENSIONS

A- ONE STAGE LIQUID END LENGTH
 B- SUCTION CONNECTION LENGTH
 C- STAGE LENGTH
 D- DISCHARGE CONNECTION LENGTH
 E- BOWL DIAMETER
 F- DIAMETER ACROSS LEAD GUARD

BOWL DATA

BOWL No. L06331 PUMP SHAFT Dia. 1 1/2"*
 TYPE: FLANGED DISCHARGE SIZE 8" NPT
 MAX. PRESSURE: 290 psi ; * MAX HP RATING: 150

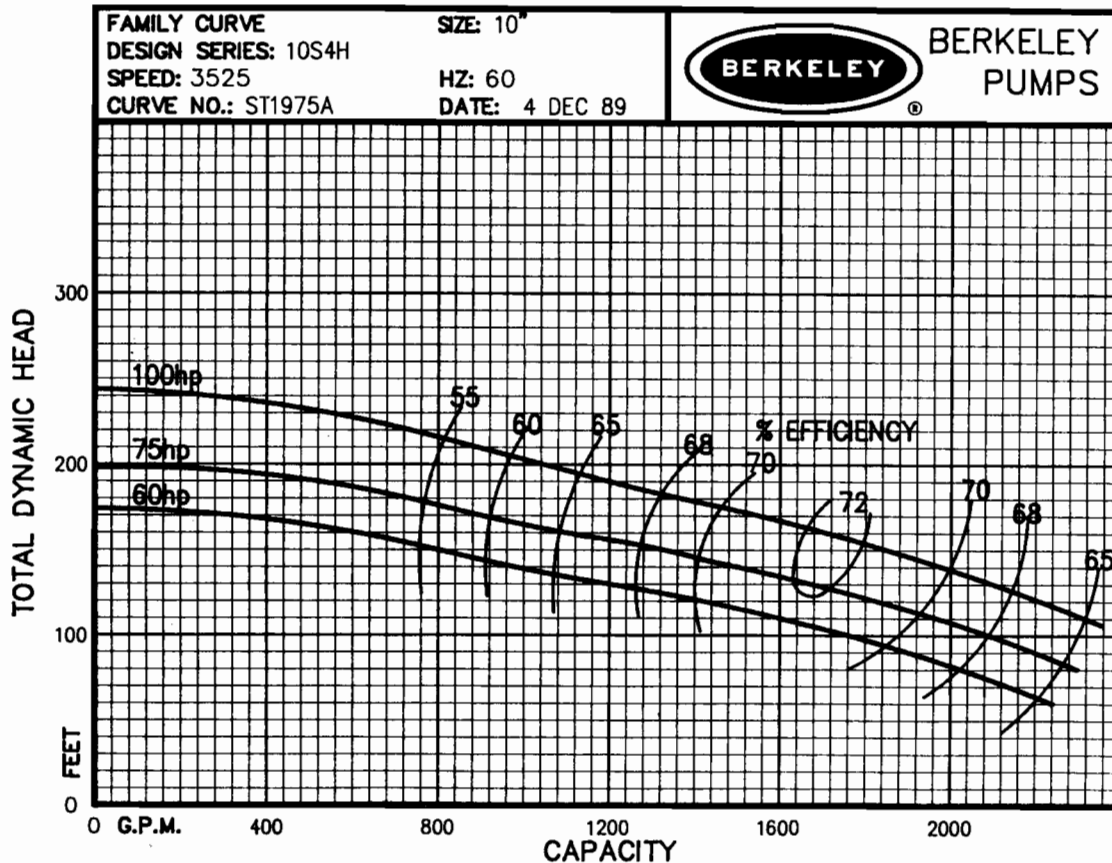
NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
35.88	14.00	10.00	11.88	9.50	9.94	60-100	8"

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Submersible Turbine Model 10S4H

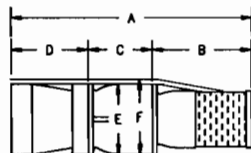


Specifications

LIQUID END WEIGHTS

DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	227.9	60-100	8"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	85.6	ALL	ALL

OUTLINE DIMENSIONS



- A- ONE STAGE LIQUID END LENGTH
- B- SUCTION CONNECTION LENGTH
- C- STAGE LENGTH
- D- DISCHARGE CONNECTION LENGTH
- E- BOWL DIAMETER
- F- DIAMETER ACROSS LEAD GUARD

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 21.1 Sq. In.
THRUST CONSTANT K 7.03 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
100	M07884	1	7.94" @ 31" (6.31")
75	M09510	1	7.44" @ 31" (5.69")
60	M09511	1	6.75" @ 29" (5.00")

BOWL DATA

BOWL No. 106331 PUMP SHAFT Dia. 1 1/2"
TYPE: FLANGED DISCHARGE SIZE 8" NPT

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
35.88	14.00	10.00	11.88	9.50	9.94	60-100	8"

REVISED 11-27-89

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