



BERKELEY PUMP COMPANY

SUBMERSIBLE TURBINE PUMPS

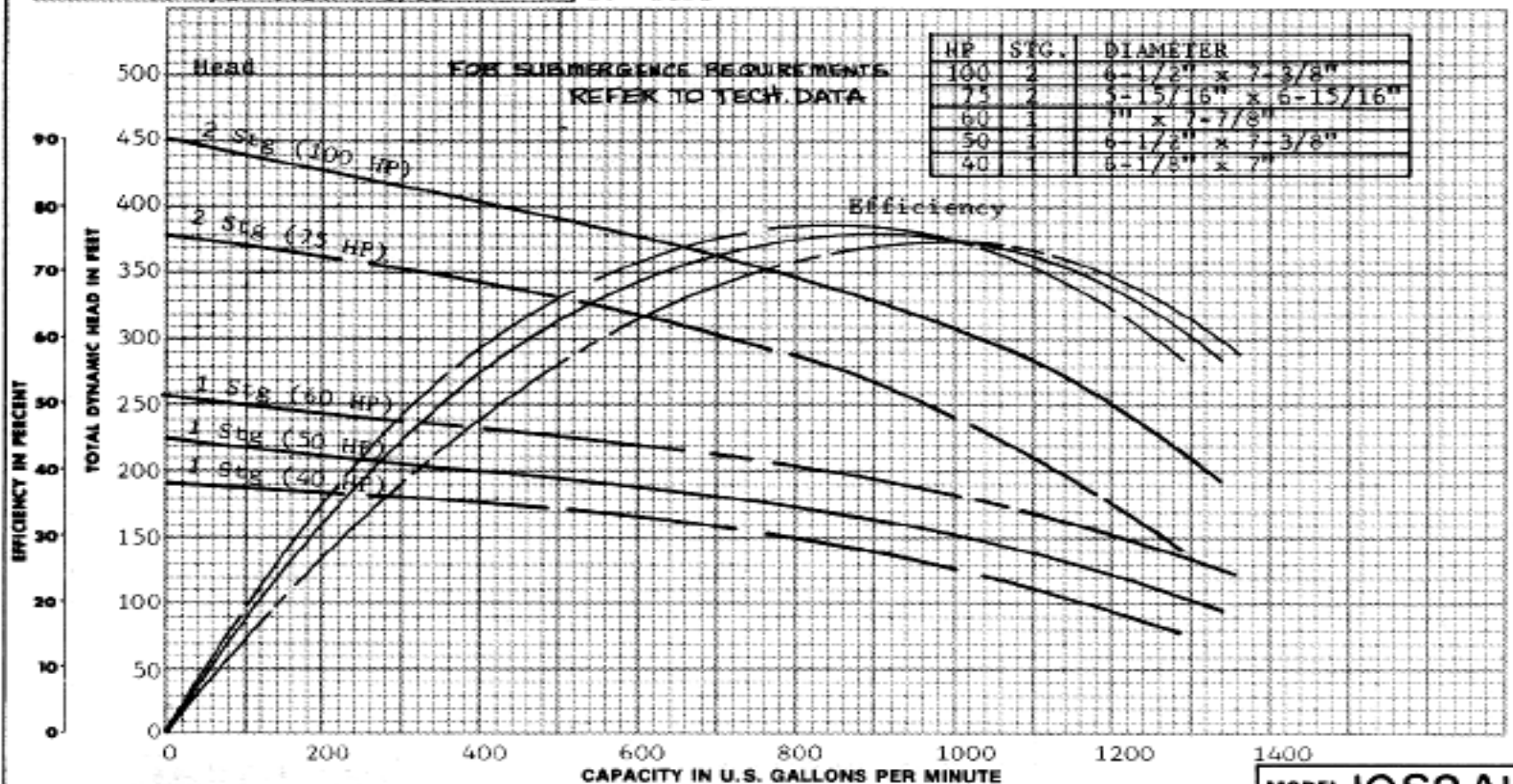
7", 8" AND 10" BOWLS

PERFORMANCE CURVES

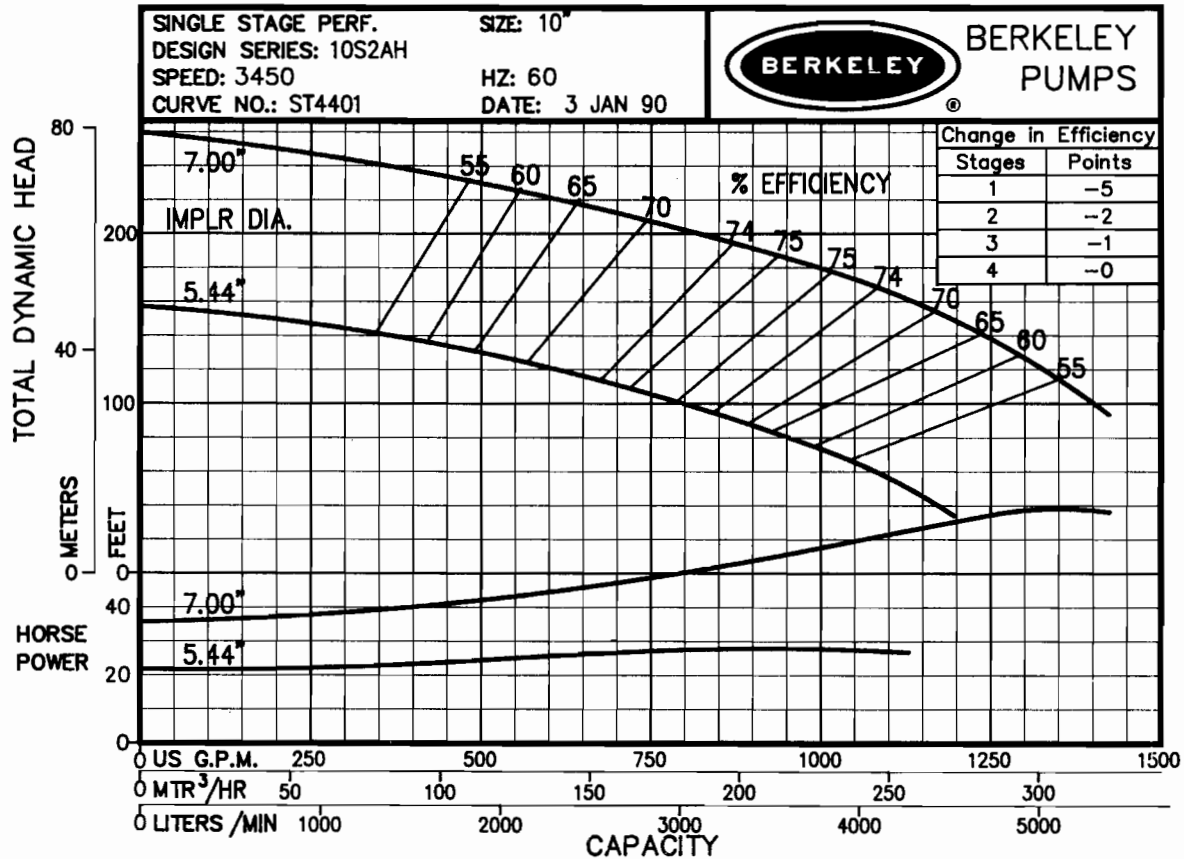
CURVE	2800
DATE	9-1-79
PAGE	3.01
SUPERSEDES	
NEW	

	Bowl	Impeller
Material	C.I. Porc.	Brz.
Pat. No.	H-2076	1-4442
Mach. No.	H-2076	1-4442
Diameter	9-1/2" O.D.	7-3/32" x 7-15/16" full

Based on T-3650 Test of 1 Stage Pump.
Performance for multi Stage Pump.



Submersible Turbine Model 10S2AH



Specifications

CURVE No. ST4401

LIQUID END WEIGHTS

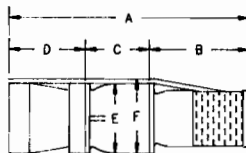
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	179.4	25-60	6"
ONE STAGE L.E.	214.7	75-100	8"
ONE STAGE L.E.			
EACH ADDED STAGE	73.8	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 14.0 Sq. In.
 THRUST CONSTANT K 9.60 Lbs./Ft of HEAD.

IMPELLER No.	IMPELLER Dia.
M09204	7.88" @ 37' (7.00")

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. 106296 PUMP SHAFT Dia. 1 1/2"
 TYPE: FLANGED DISCHARGE SIZE 8" NPT
 MAX. PRESSURE: 285 psi ; * MAX HP RATING: 150

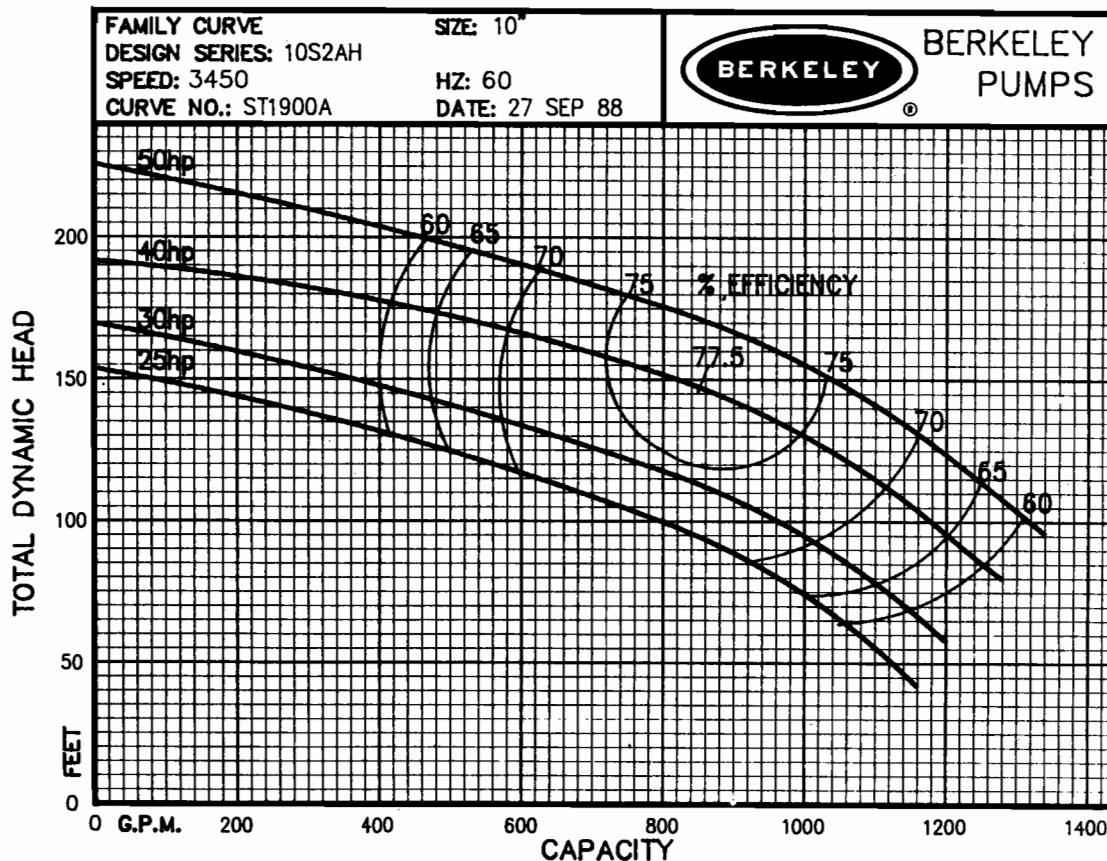
NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
30.82	9.94	9.00	11.88	9.50	9.94	25-60	6"
34.88	14.00	9.00	11.88	9.50	9.94	75-100	8"

REVISED 11 JAN 90

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Submersible Turbine Model 10S2AH



Specifications

CURVE No. ST1900A

LIQUID END WEIGHTS

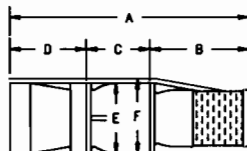
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	179.4	25-50	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	73.8	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 14.0 Sq. In.
 THRUST CONSTANT K 9.60 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
50	M09205	1	7.38" @ 35' (6.50")
40	M09206	1	7.00" @ 32' (6.12")
30	M09207	1	6.88" @ 39' (5.81")
25	M09208	1	6.56" @ 39' (5.44")

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. L06296 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
30.82	9.94	9.00	11.88	9.50	9.94	25-50	6"

REVISED 11-27-89

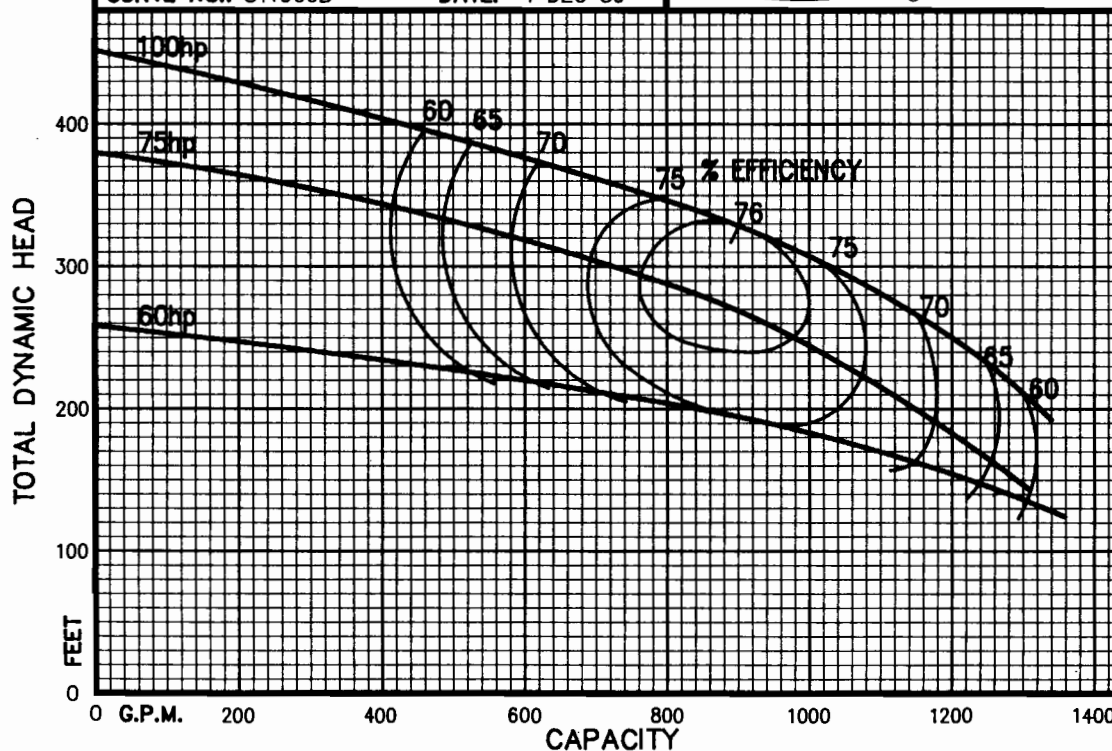
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Submersible Turbine Model 10S2AH

FAMILY CURVE SIZE: 10"
 DESIGN SERIES: 10S2AH
 SPEED: 3450(6")/3525(8") HZ: 60
 CURVE NO.: ST1900B DATE: 4 DEC 89



BERKELEY
PUMPS



Specifications

CURVE No. ST1900B

LIQUID END WEIGHTS

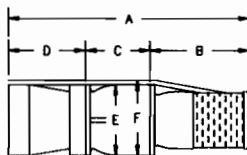
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	214.7	75-100	8"
ONE STAGE L.E.	179.4	60	6"
ONE STAGE L.E.			
EACH ADDED STAGE	73.8	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 14.0 Sq. In.
 THRUST CONSTANT K 9.60 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
100	M09205	2	7.38" @ 35' (6.50")
75	M09203	2	6.94" @ 39' (5.94")
60	M09204	1	7.88" @ 37' (7.00")

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. L06296 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
34.88	14.00	9.00	11.88	9.50	9.94	75-100	8"
30.82	9.94	9.00	11.88	9.50	9.94	60	6"

REVISED 11-27-89

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