



BERKELEY PUMP COMPANY

SUBMERSIBLE TURBINE PUMPS

7", 8" AND 10" BOWLS

PERFORMANCE CURVES

CURVE 2800
DATE 9-1-79
PAGE 3.02

SUPERSEDES

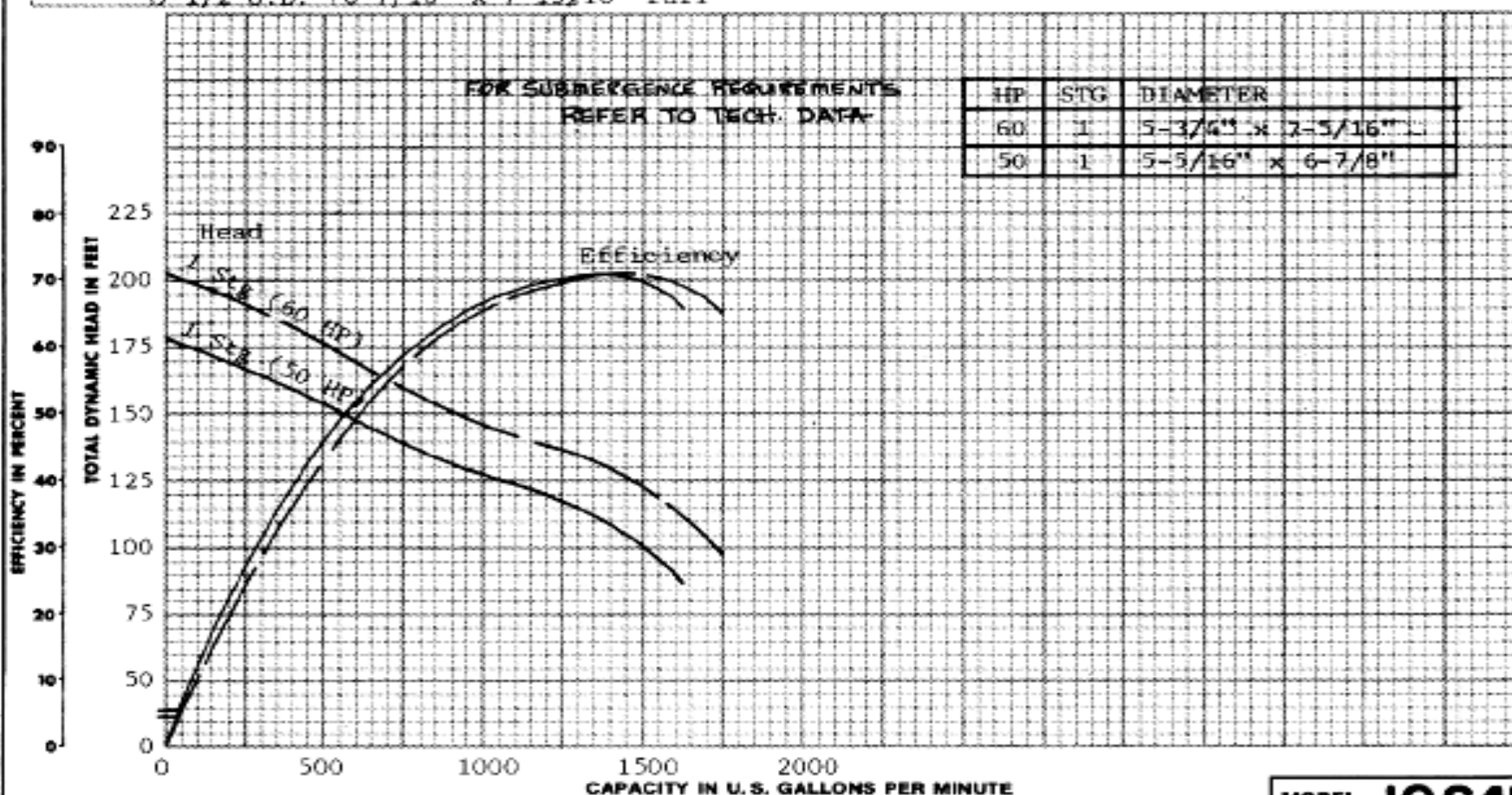
NEW

	Bowl	Impeller
Material	C.I. Porc.	Brz.
Pat. No.	L-577B	L-4537
Mach. No.	L-978	L-4537
Diameter	9-1/2" O.D.	6-7/16" x 7-15/16" full

Based on T-3711 Test of 1 Stage Pump.
Performance for 1 Stage Pump.

FOR SUBMERGENCE REQUIREMENTS
REFER TO TECH. DATA

HP	STG	DIAMETER
60	1	5-3/4" x 7-5/16" L
50	1	5-5/16" x 6-7/8"



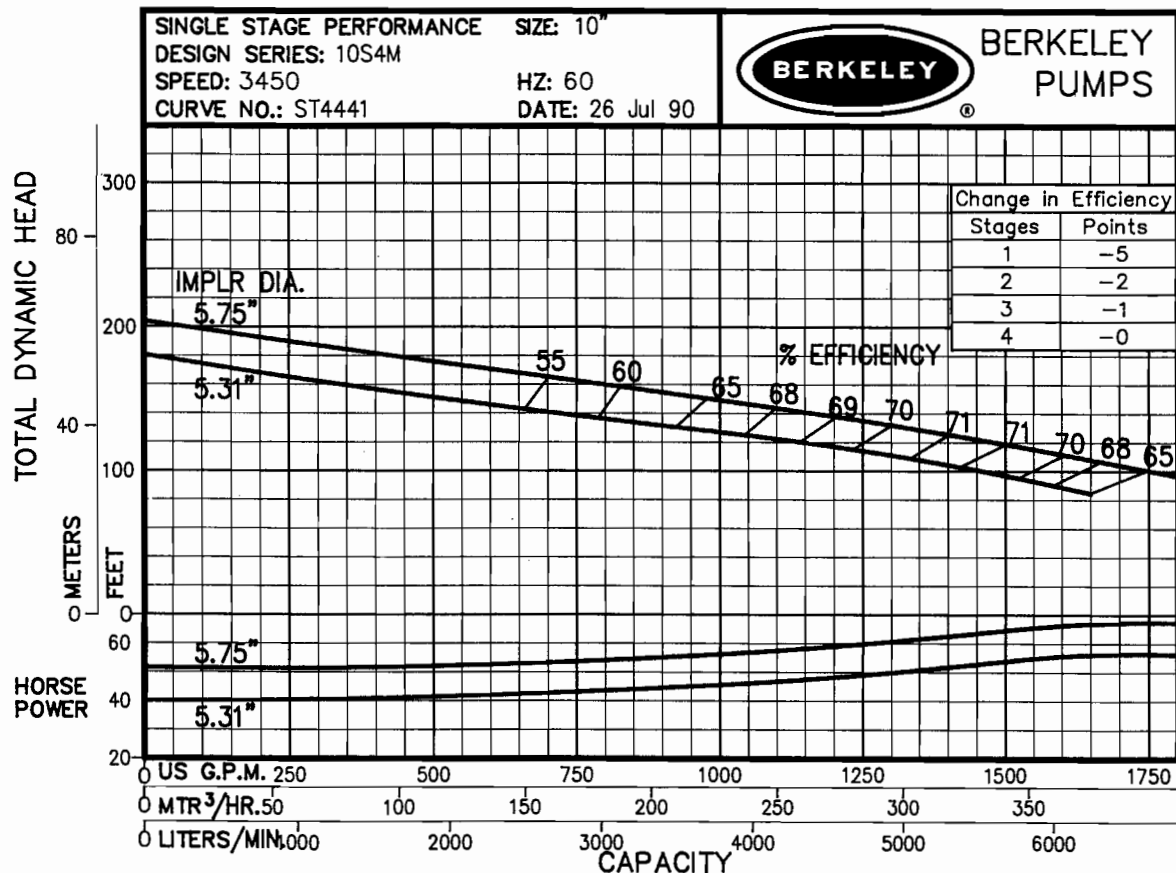
C-8402

Issue Date 1-24-79

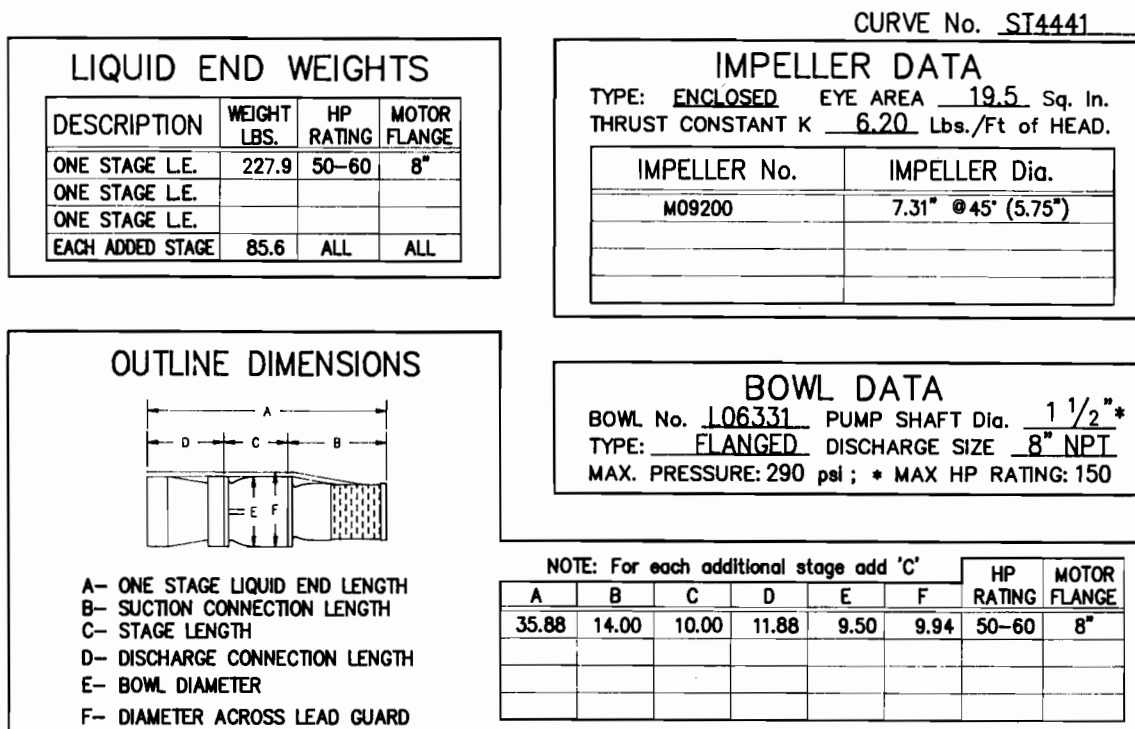
(Supersedes New Dated ———) 3600 Nominal R.P.M.

MODEL 10S4M

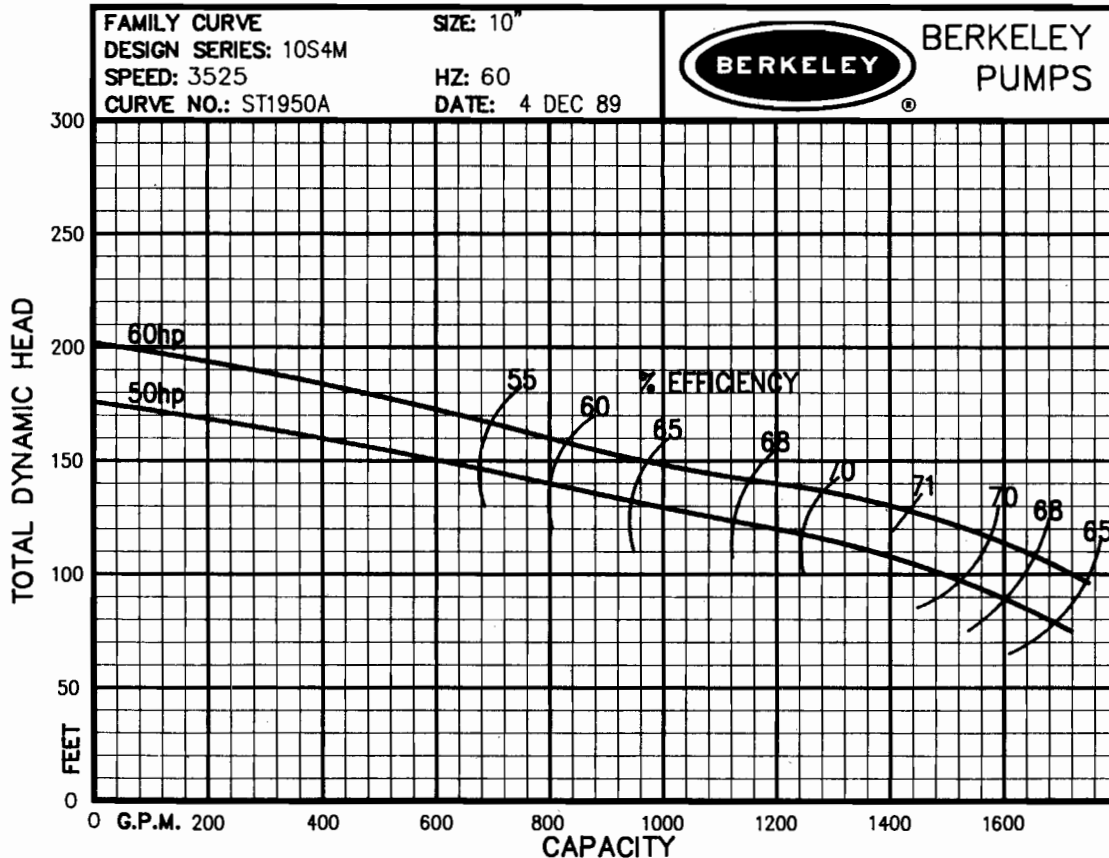
Submersible Turbine Model 10S4M



Specifications



Submersible Turbine Model 10S4M



Specifications

LIQUID END WEIGHTS

DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	227.9	50-60	8"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	85.6	ALL	ALL

CURVE No. ST1950A

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 19.5 Sq. In.
 THRUST CONSTANT K 6.20 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
60	M09200	1	7.31" @ 45° (5.75")
50	M09201	1	6.88" @ 42° (5.31")

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. 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	50-60	8"

REVISED 11-27-89

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