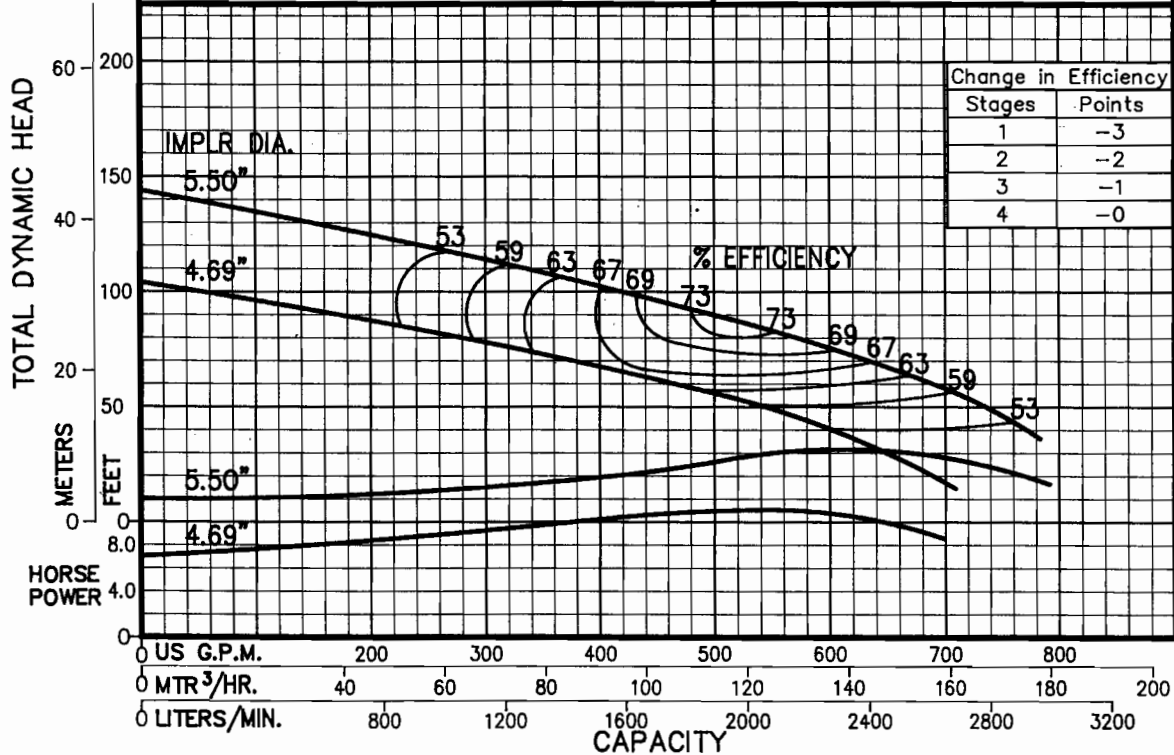


Submersible Turbine Model 8T-450

SINGLE STAGE PERFORMANCE SIZE: 8"
 DESIGN SERIES: 8T-450
 SPEED: 3450/3525 HZ: 60
 CURVE NO.: ST4321 DATE: 26 Jul 90



BERKELEY
PUMPS



Specifications

CURVE No. ST4321

LIQUID END WEIGHTS

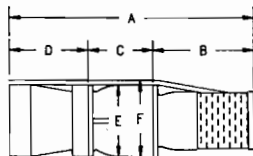
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	101.1	10-60	6"
ONE STAGE L.E.	104.1	75-125	8"
ONE STAGE L.E.			
EACH ADDED STAGE	43.6	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 9.18 Sq. In.
 THRUST CONSTANT K 3.80 Lbs./Ft of HEAD.

IMPELLER No.	IMPELLER Dia.
308840301	6.13" @ 25' (5.50")

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. 308406123 PUMP SHAFT Dia. 1 3/16"**
 TYPE: FLANGED DISCHARGE SIZE 6" NPT
 MAX. PRESSURE: 485 psi ; ** MAX HP RATING: 150

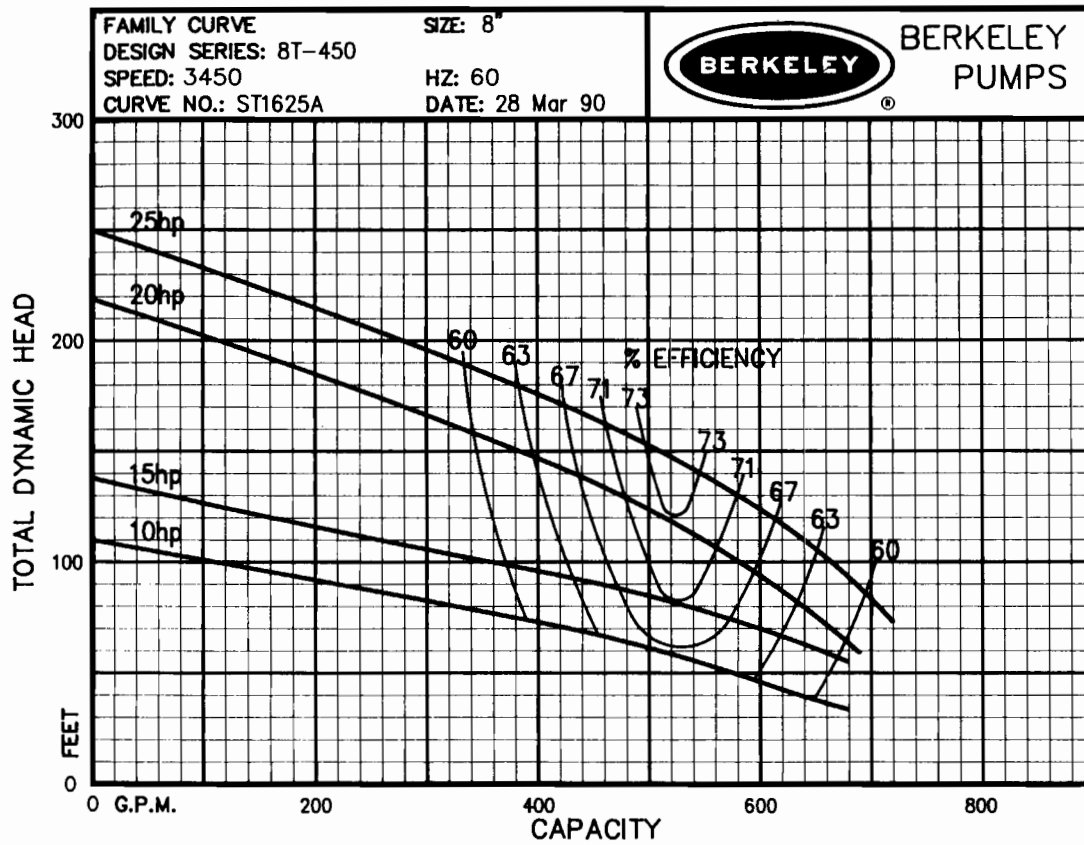
NOTE: For each additional stage add 'C'

A	B	C	D	E*	F*	HP RATING	MOTOR FLANGE
23.38	12.62	7.25	3.50	7.75	8.19	10-60	6"
24.00	13.25	7.25	3.50	7.75	8.19	75-125	8"

* FOR 1 & 2 STAGE PUMPS, F=7.56, F=7.99, BOWL No.=108401

REVISED 10 JAN 90

Submersible Turbine Model 8T-450



Specifications

CURVE No. ST1625A

LIQUID END WEIGHTS

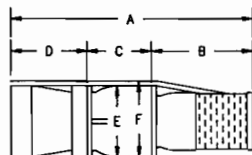
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	101.1	10-25	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	43.6	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 9.18 Sq. In.
 THRUST CONSTANT K 3.80 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
25	M08255	2	5.94" @ 24' (5.25")
20	M08254	2	5.63" @ 24' (4.88")
15	308840301	1	6.13" @ 25' (5.50")
10	M08254	1	5.63" @ 24' (4.88")

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. 106491 PUMP SHAFT Dia. 1 3/16"
 TYPE: FLANGED DISCHARGE SIZE 6" NPT

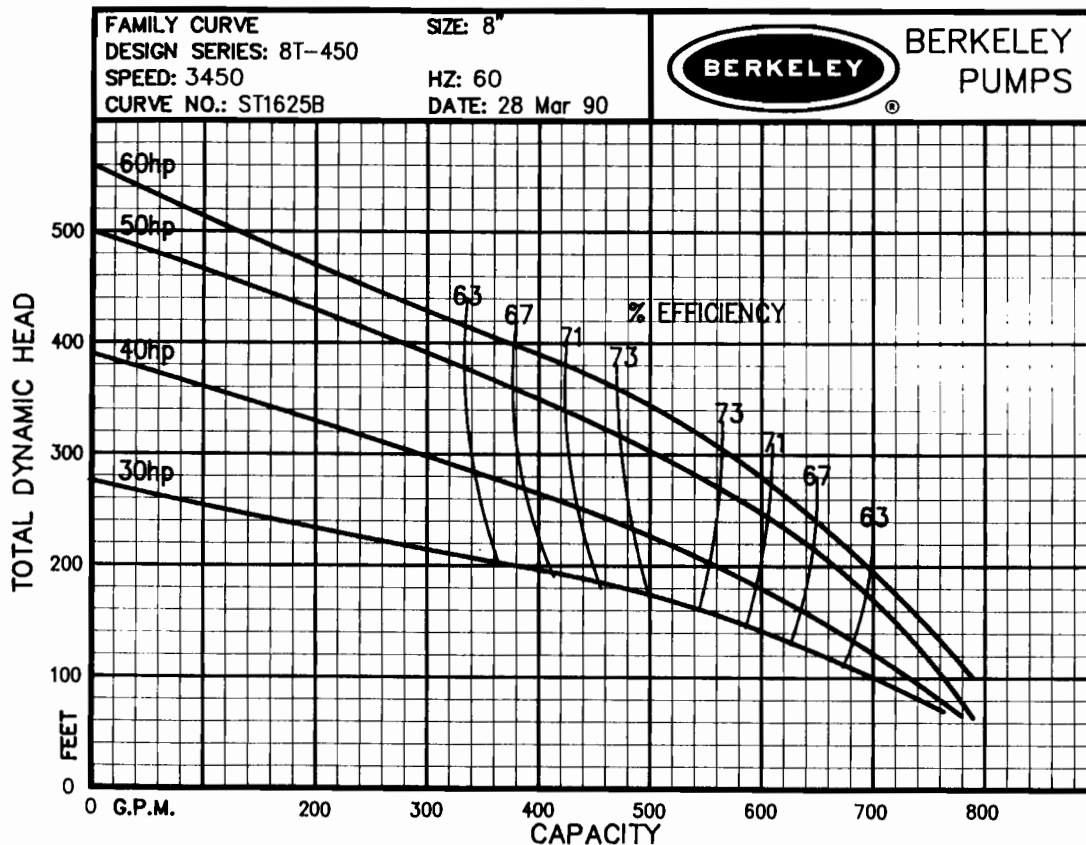
NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
23.38	12.62	7.25	3.50	7.56	7.99	10-25	6"

REVISED 11-21-89

A860514

Submersible Turbine Model 8T-450



Specifications

CURVE No. ST1625B

LIQUID END WEIGHTS

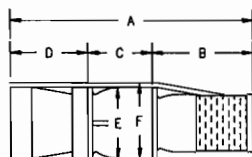
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	101.1	30-60	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	43.6	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 9.18 Sq. In.
 THRUST CONSTANT K 3.80 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
60	308840301	4	6.13" @ 25' (5.50")
50	M08255	4	5.94" @ 24' (5.25")
40	M08256	3	6.00" @ 24' (5.31")
30	308840301	2	6.13" @ 25' (5.50")

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. 308406123 PUMP SHAFT Dia. 1 3/16"
 TYPE: FLANGED DISCHARGE SIZE 6" NPT

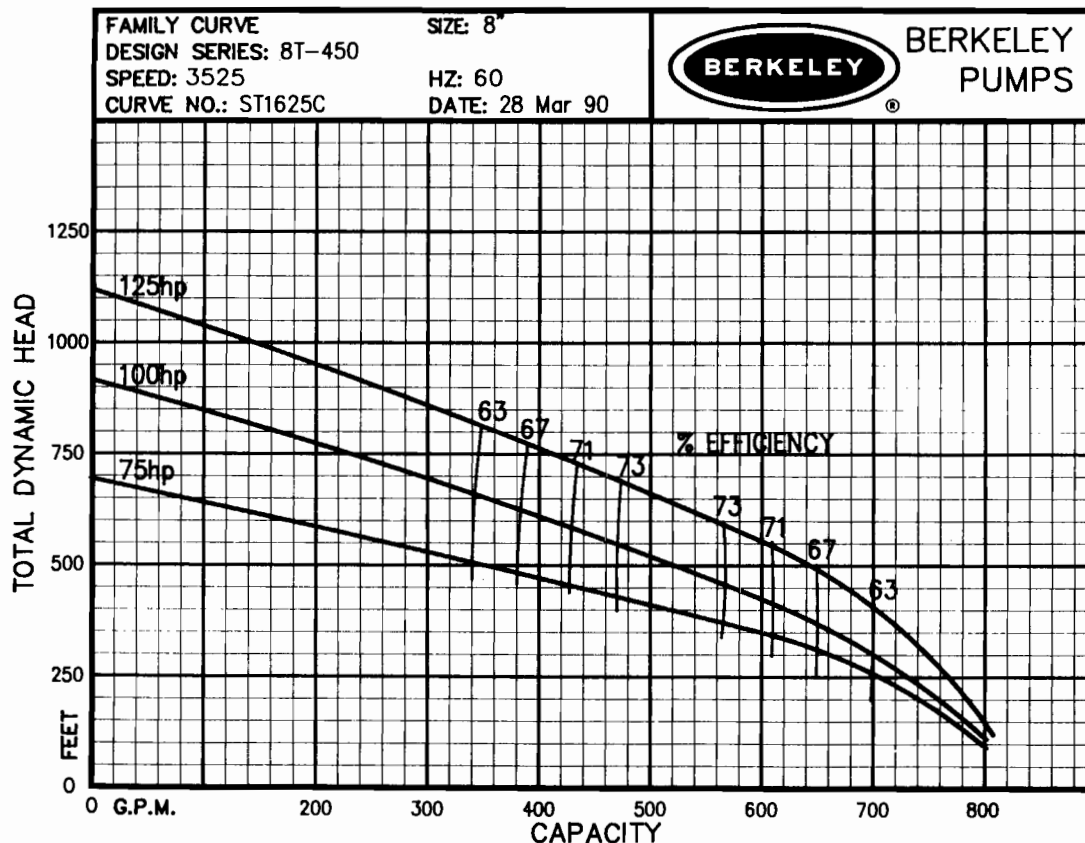
NOTE: For each additional stage add 'C'

A	B	C	D	E *	F *	HP RATING	MOTOR FLANGE
23.38	12.62	7.25	3.50	7.75	8.19	30-60	6"

* FOR 2 STAGE PUMPS, E= 7.56, F= 7.99, BOWL No. L06491

REVISED 12-05-89

Submersible Turbine Model 8T-450



Specifications

CURVE No. ST1625C

LIQUID END WEIGHTS

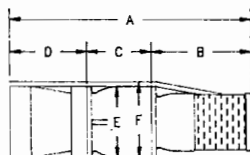
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	104.1	75-125	8"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	43.6	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 9.18 Sq. In.
THRUST CONSTANT K 3.80 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
125	308840301	8	6.13" @ 25' (5.50")
100	M08256	7	6.00" @ 24' (5.31")
75	308840301	5	6.13" @ 25' (5.50")

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. 308406123 PUMP SHAFT Dia. 1 3/16"
TYPE: FLANGED DISCHARGE SIZE 6" NPT

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
24.00	13.25	7.25	3.50	7.75	8.19	75-125	8"

REVISED 12 JAN 90

A860514