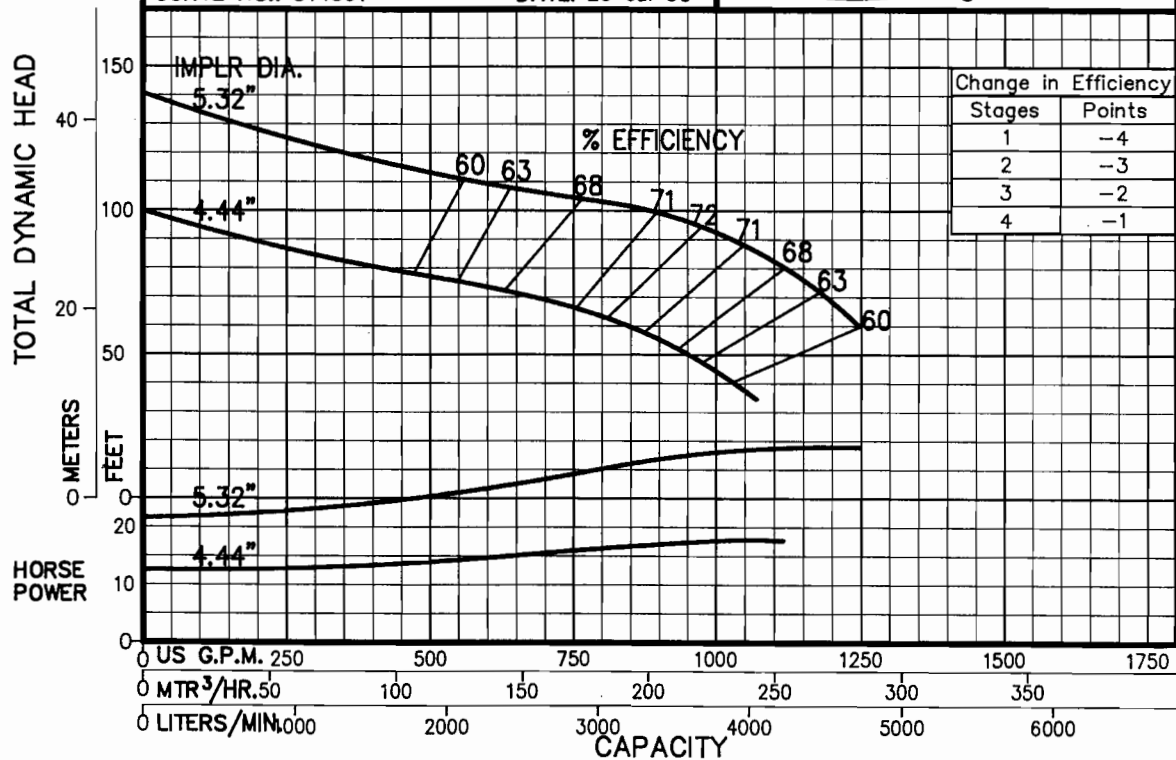


Submersible Turbine Model 8T-900

SINGLE STAGE PERFORMANCE SIZE: 8"
 DESIGN SERIES: 8T-900
 SPEED: 3450/3525 HZ: 60
 CURVE NO.: ST4391 DATE: 26 Jul 90



BERKELEY
PUMPS



Specifications

CURVE No. ST4391

LIQUID END WEIGHTS

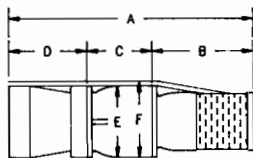
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	86.6	10-60	6"
ONE STAGE L.E.	89.6	75-125	8"
ONE STAGE L.E.			
EACH ADDED STAGE	29.0	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 12.14 Sq. In.
 THRUST CONSTANT K 4.65 Lbs./Ft of HEAD.

IMPELLER No.	IMPELLER Dia.
P5-350	6.14" @ 26" (5.32")

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. P1-84 PUMP SHAFT Dia. 1 3/16"**
 TYPE: THREADED DISCHARGE SIZE 6" NPT
 MAX. PRESSURE: 510 psi ; ** MAX HP RATING: 150

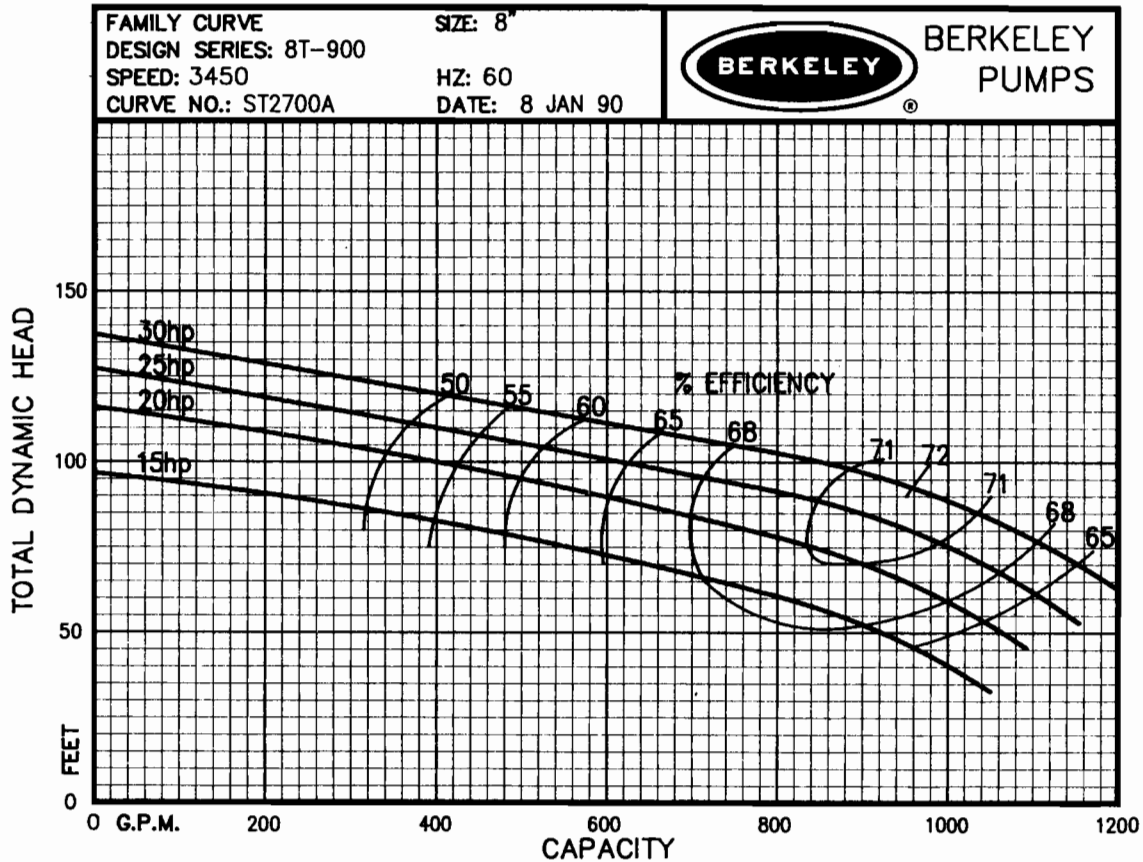
NOTE: For each additional stage add 'C'

A	B	C	D	E*	F*	HP RATING	MOTOR FLANGE
22.75	12.50	6.75	3.50	7.50	7.93	10-60	6"
23.50	13.25	6.75	3.50	7.50	7.93	75-125	8"

* FOR 1 & 2 STAGE PUMPS, E=7.56, F=7.99, BOWL No.=P1-83

REVISED 11 JAN 90

Submersible Turbine Model 8T-900

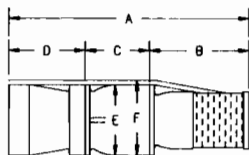


Specifications

LIQUID END WEIGHTS

DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	86.6	15-30	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	29.0	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

CURVE No. ST2700A

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 12.14 Sq. In.
THRUST CONSTANT K 4.65 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
30	P5-35DE	1	6.09" @ 26" (5.25")
25	P5-35DA	1	6.05" @ 26" (5.19")
20	P5-35DB	1	5.76" @ 26" (4.88")
15	P5-35DK	1	5.31" @ 26" (4.38")

BOWL DATA

BOWL No. P1-83 PUMP SHAFT Dia. 1 3/16"
TYPE: THREADED DISCHARGE SIZE 6" NPT

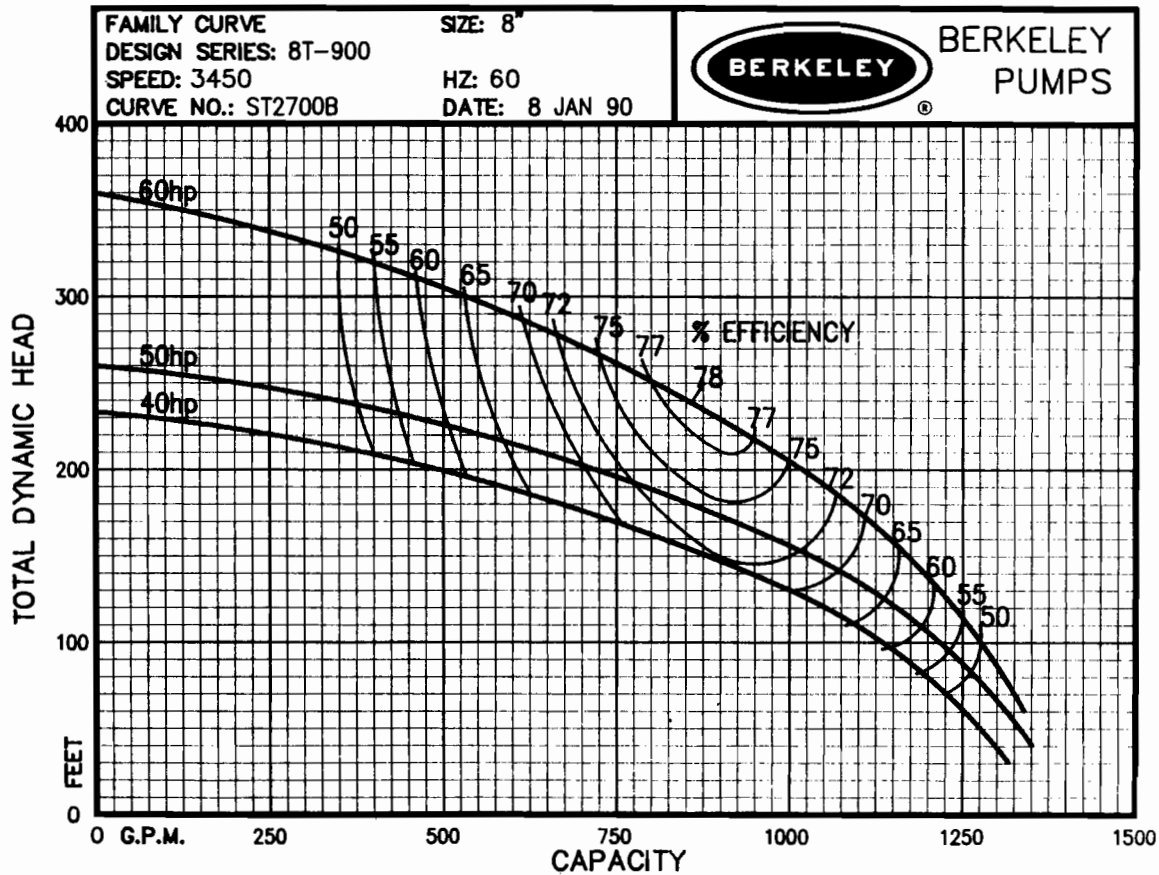
NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
22.75	12.50	6.75	3.50	7.38	7.81	15-30	6"

REVISED 9 JAN 90

A860514

Submersible Turbine Model 8T-900



Specifications

CURVE No. ST2700B

LIQUID END WEIGHTS

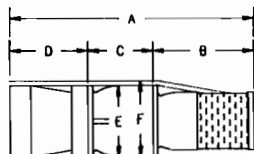
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	86.6	40-60	6"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	29.0	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 12.14 Sq. In.
THRUST CONSTANT K 4.65 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
60	P5-35DF	3	5.87" @ 26" (5.00")
50	P5-35DA	2	6.05" @ 26" (5.19")
40	P5-35DB	2	5.76" @ 26" (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. P1-83 PUMP SHAFT Dia. 1 3/16"
TYPE: THREADED DISCHARGE SIZE 6" NPT

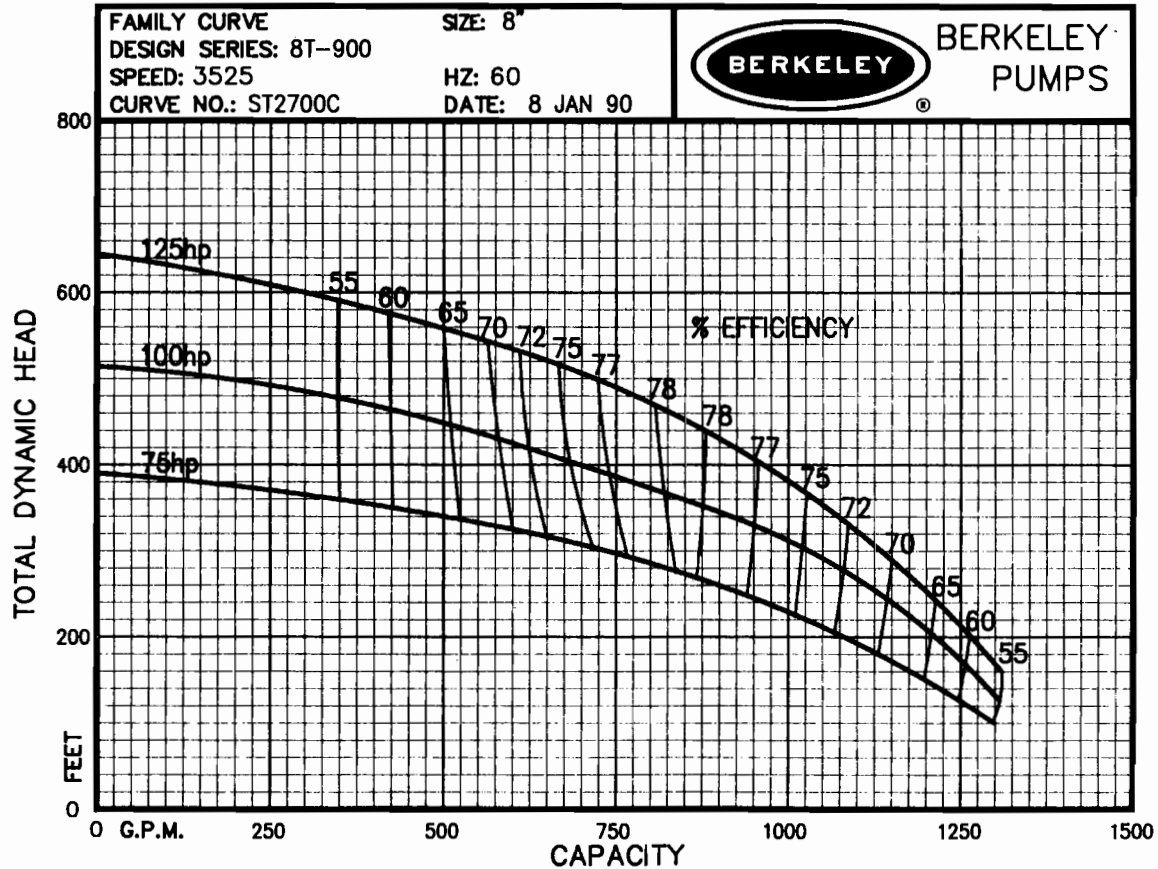
NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
22.75	12.50	6.75	3.50	7.38	7.81	40-60	6"

REVISED 9 JAN 90

A860514

Submersible Turbine Model 8T-900



Specifications

CURVE No. ST2700C

LIQUID END WEIGHTS

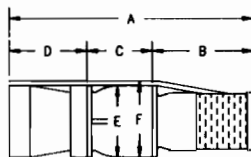
DESCRIPTION	WEIGHT LBS.	HP RATING	MOTOR FLANGE
ONE STAGE L.E.	89.6	75-125	8"
ONE STAGE L.E.			
ONE STAGE L.E.			
EACH ADDED STAGE	29.0	ALL	ALL

IMPELLER DATA

TYPE: ENCLOSED EYE AREA 12.14 Sq. In.
THRUST CONSTANT K 4.65 Lbs./Ft of HEAD.

HP	IMPELLER No.	STAGES	IMPELLER Dia.
125	P5-35DA	5	6.05" @ 26" (5.19")
100	P5-35DA	4	6.05" @ 26" (5.19")
75	P5-35DA	3	6.05" @ 26" (5.19")

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. P1-83 PUMP SHAFT Dia. 1 3/16"
TYPE: THREADED DISCHARGE SIZE 6" NPT

NOTE: For each additional stage add 'C'

A	B	C	D	E	F	HP RATING	MOTOR FLANGE
23.50	13.25	6.75	3.50	7.50	7.93	75-125	8"

REVISED 12 JAN 90

A860514