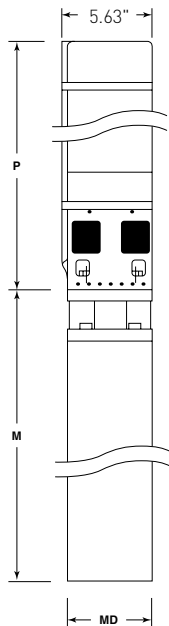
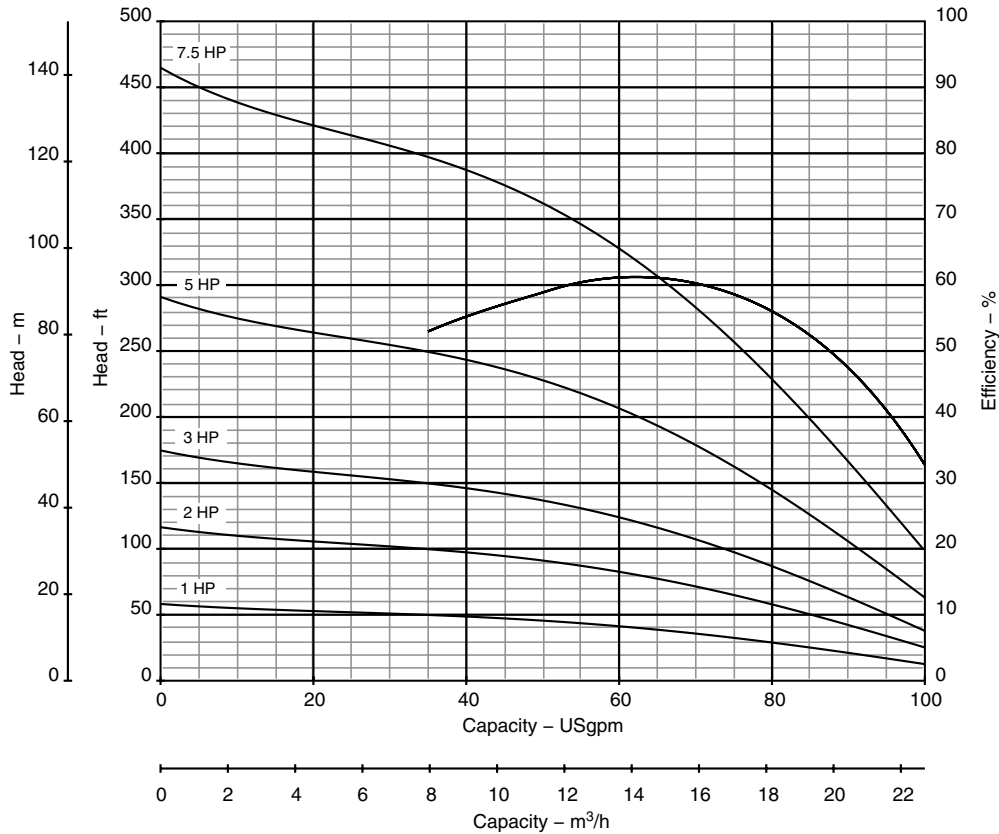


BERKELEY® 6TS-70

Submersible Turbine

Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
1	1	4	15.65	11.70	3.75	23	24
2	2		16.98	13.80		27	26
3	3		18.31	15.30		32	27
5	5	6	20.96	21.70	5.51	55	31
				22.95	5.51	95	
7.5	8	4	24.95	27.70	3.75	70	37
		6		24.80	5.51	99	

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

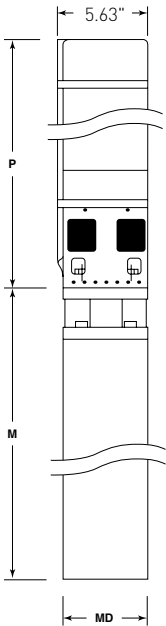
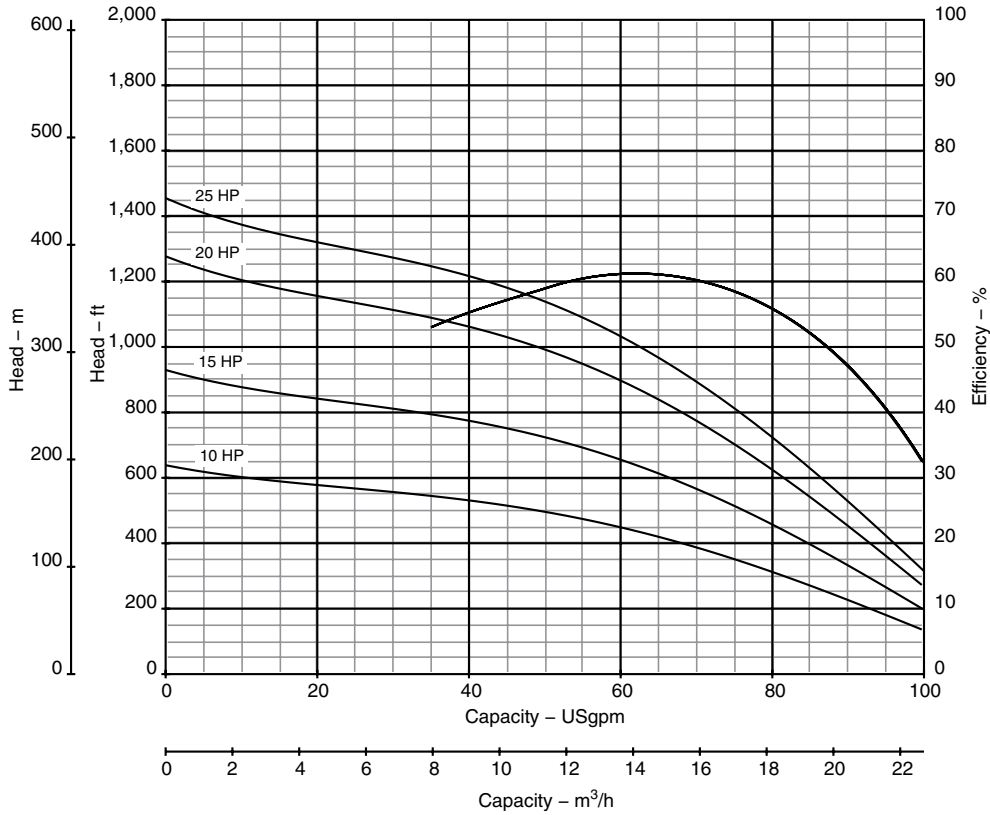
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	35 - 90 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-70

Submersible Turbine

Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
10	11	4	28.94	30.70	3.75	78	42
				26.97		110	
15	16	6	35.58	29.92	5.51	128	51
20	22		43.55	31.50		137	62
25	25		47.54	36.22		161	68

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

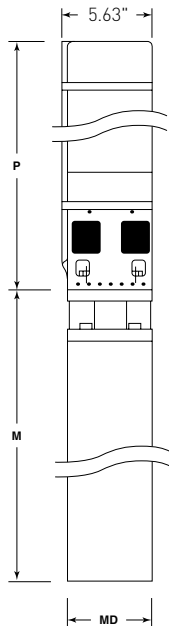
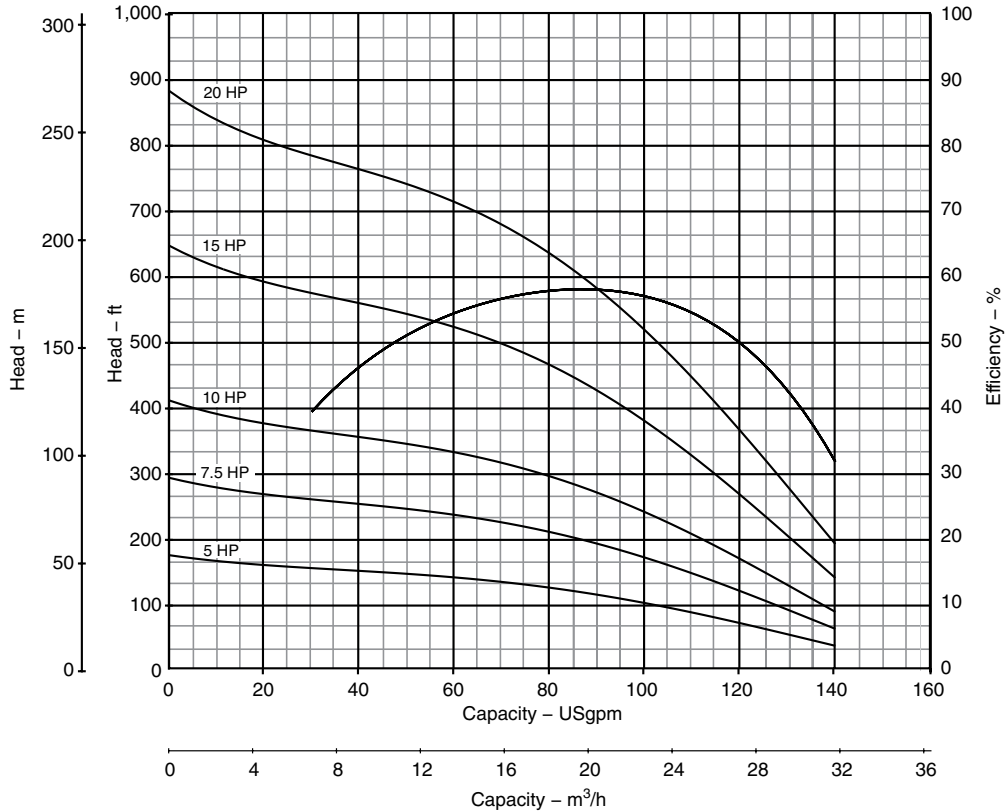
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	35 - 90 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-90

Submersible Turbine

Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 625 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
5	3	4	18.43	21.70	3.75	55	31.6
		6		22.95	5.51	95	
7.5	5	4	21.54	27.70	3.75	70	35.9
		6		24.80	5.51	99	
10	7	4	24.65	30.70	3.75	78	40.2
				26.97		110	
15	11	6	30.87	29.92	5.51	128	48.7
20	15					37.09	31.50

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

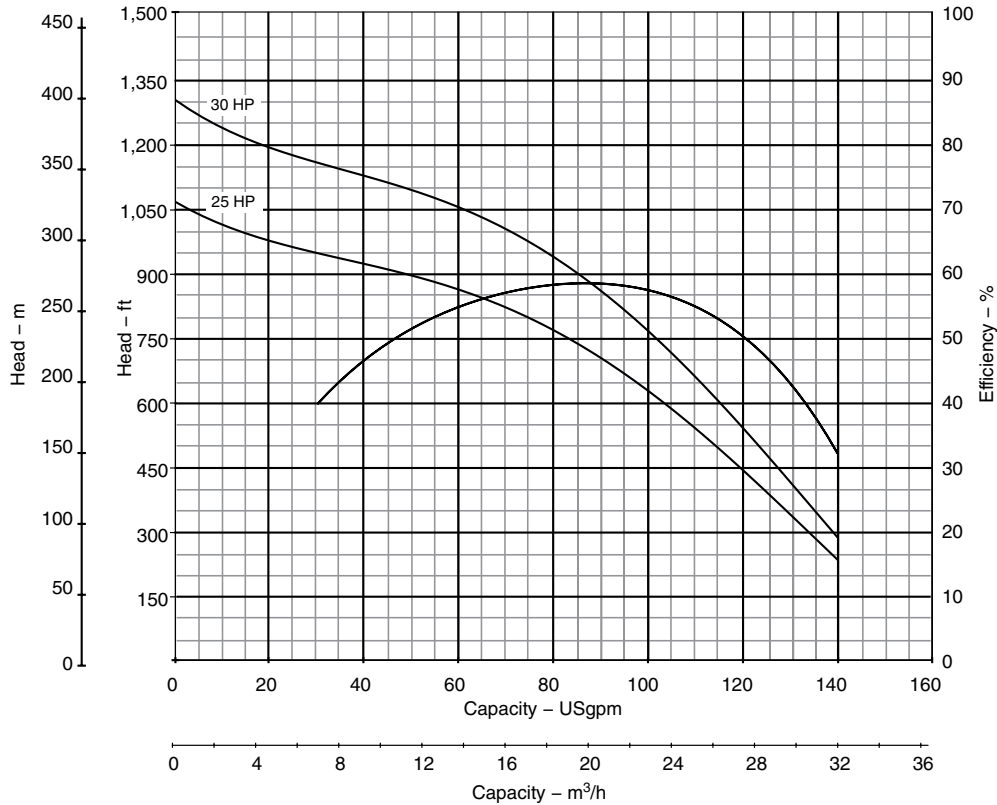
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	45 - 115 GPM
Discharge	3" F NPT or BSP
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-90

Submersible Turbine

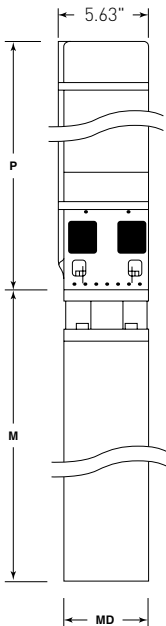
Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 625 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
25	18	6	41.70	36.22	5.51	161	64
30	22		47.99	38.19		176	73

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]



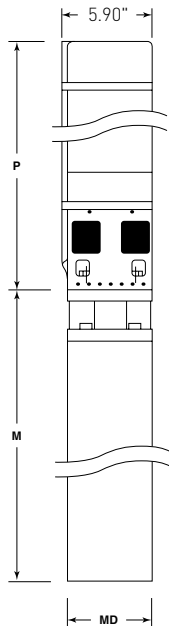
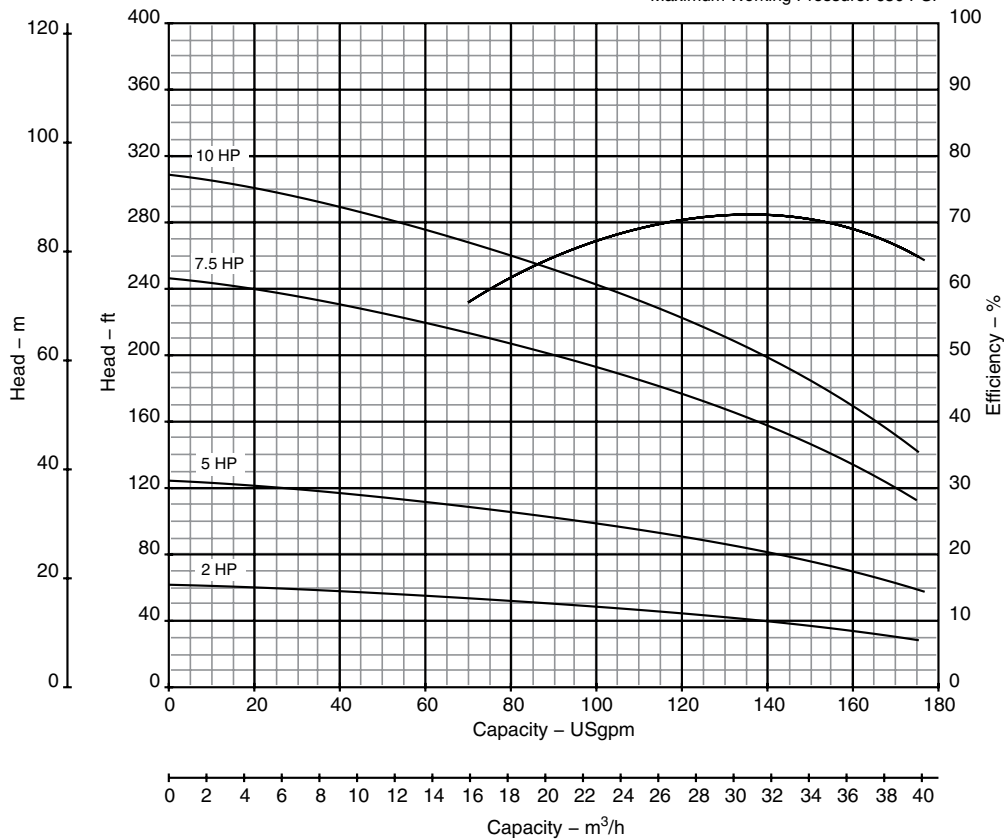
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	45 - 115 GPM
Discharge	3" F NPT or BSP
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-115

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
2	1	4	19.99	13.80	3.75	27	24
		6		21.70		55	
5	2	4	28.89	22.80	5.51	70	40
		6		27.70		99	
7.5	4	4	33.34	30.70	5.51	78	46
		6		24.80		110	

Dimensions = inches; weight = U.S. lbs.
M* Maximum length [4" Pentair motor; 6" Hitachi motor]
MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

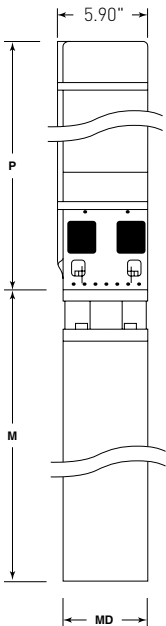
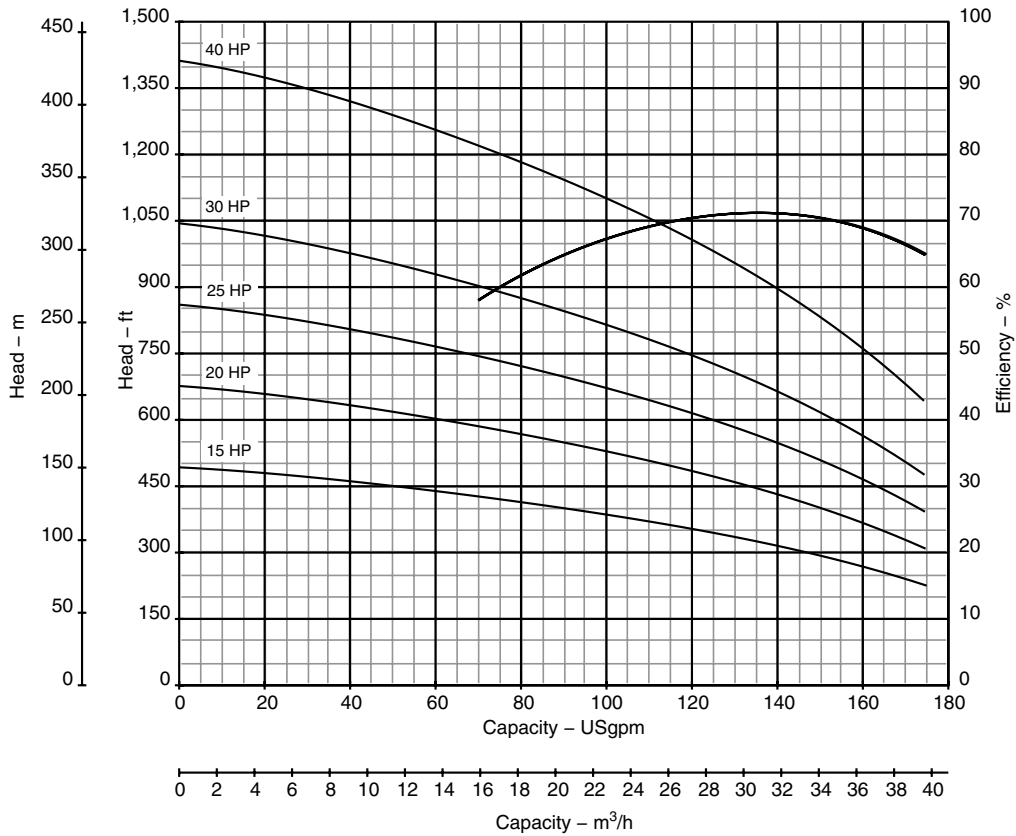
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	65 - 170 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-115

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
15	8	6	48.68	29.92	5.51	128	62
20	11		60.03	31.50		137	79
25	14		73.38	36.22		161	95
30	17		86.72	38.19		176	112
40	23		113.42	40.55		187	145

Dimensions = inches; weight = U.S. lbs.
M* Maximum length [4" Pentair motor; 6" Hitachi motor]
MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

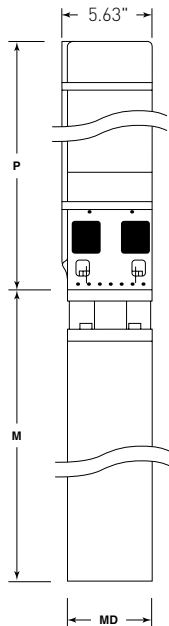
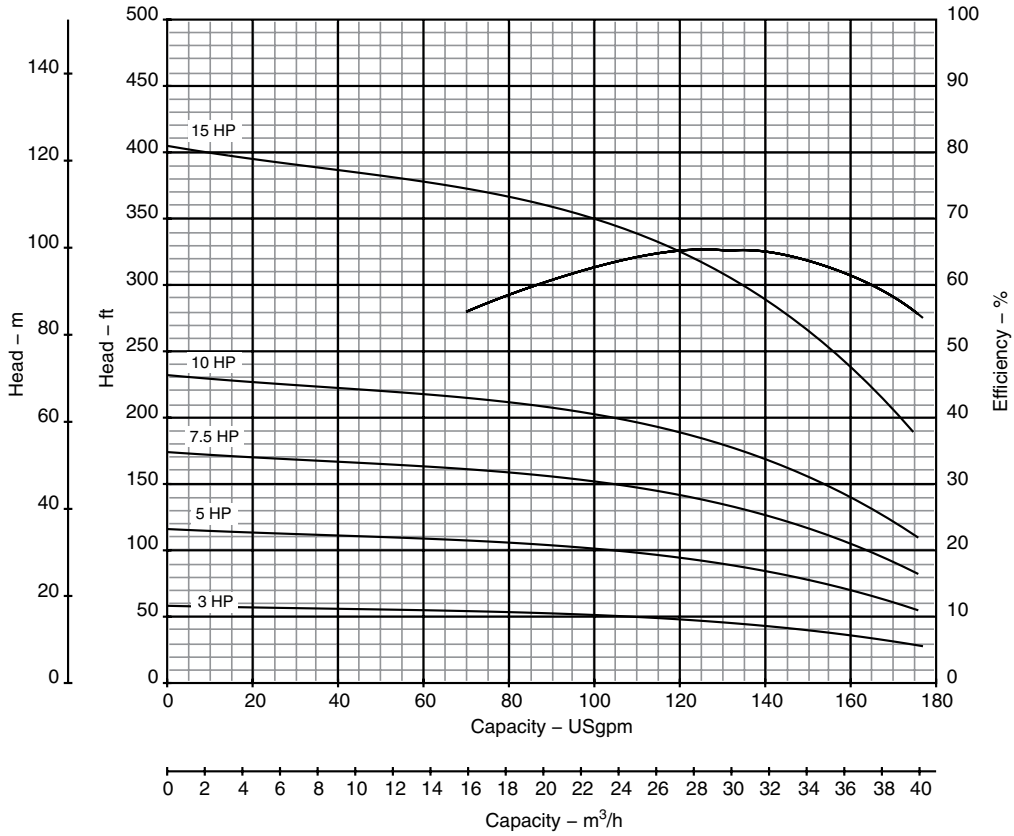
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	65 - 170 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-140

Submersible Turbine

Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
3	1	4	16.15	15.30	3.75	32	24
5	2	6	17.48	21.70		5.51	55
		6		22.95	95		
7.5	3	4	18.81	27.70	3.75	70	29
		6		24.80	5.51	99	
10	4	4	20.14	30.70	3.75	78	32
		6		26.97	5.51	110	
15	7	6	24.12	29.92	5.51	128	39

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

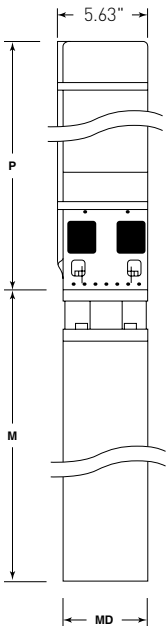
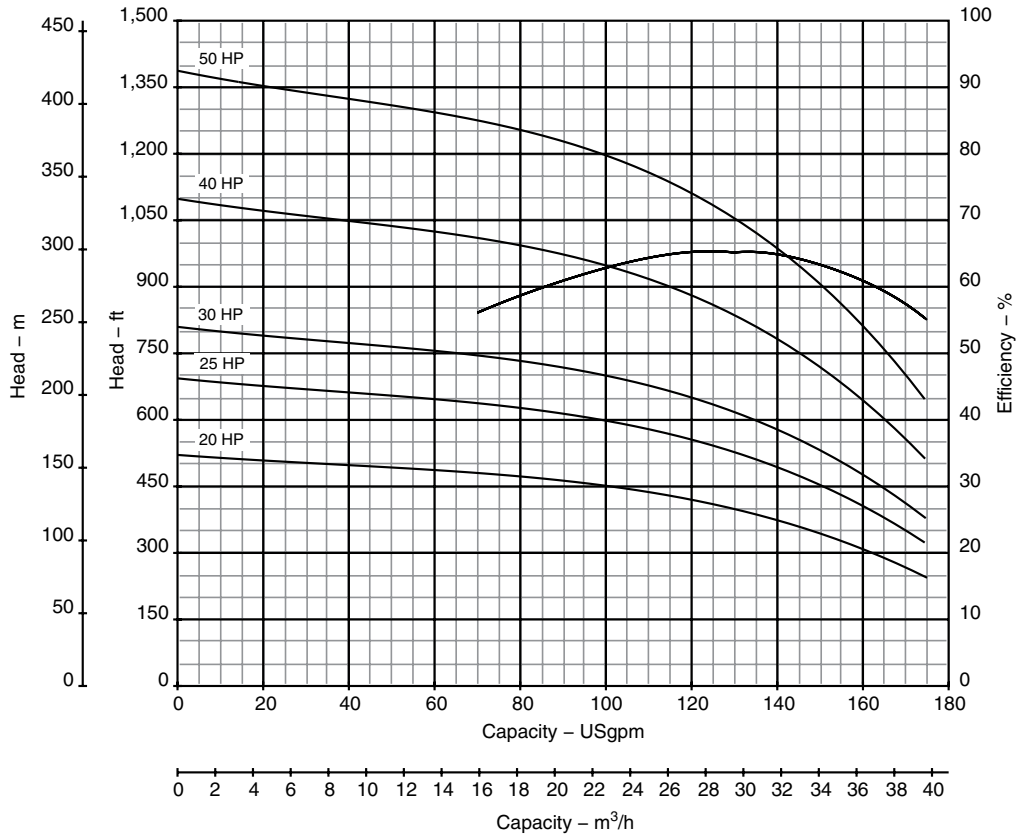
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	65 - 170 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-140

Submersible Turbine

Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
20	9	6	26.80	31.50	5.51	137	44
25	12		30.80	36.22		161	52
30	14		33.40	38.19		176	56
40	19		40.10	40.55		187	69
50	24	8†	46.70	45.30	7.52	353	81

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]
 † 8" Hitachi motor with 6" PE adapter

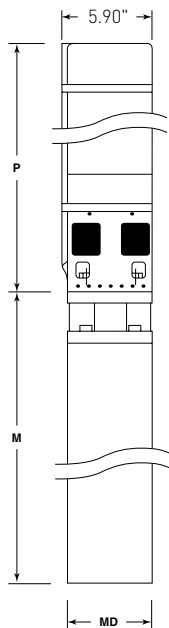
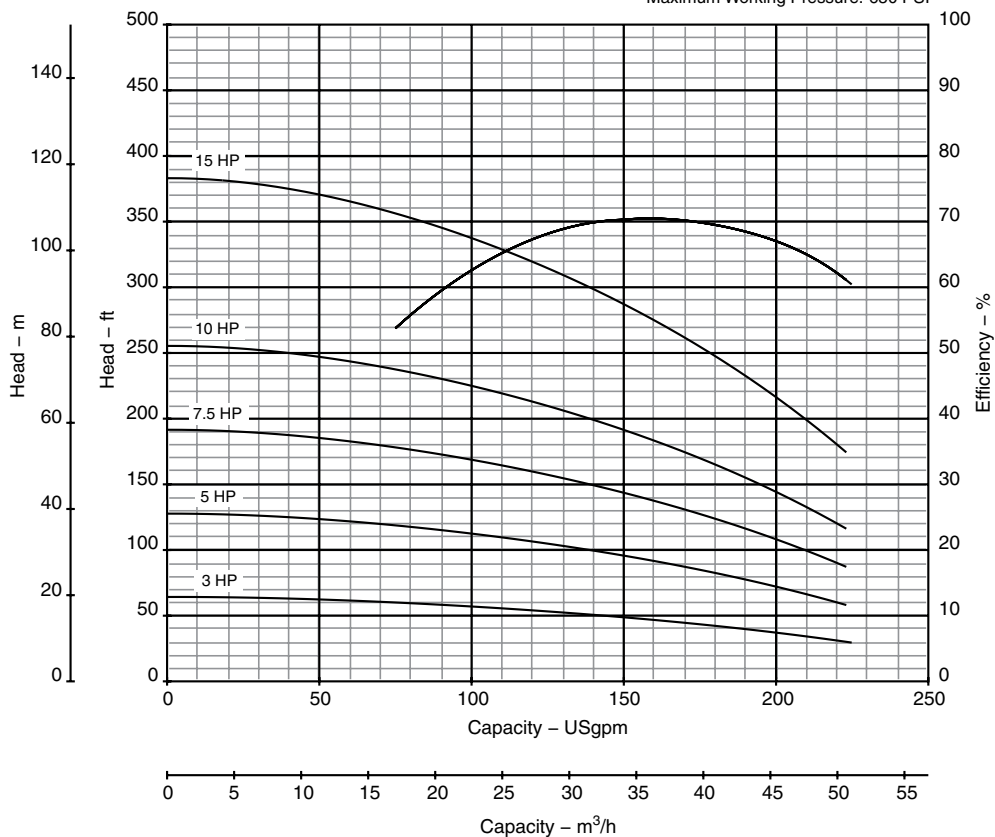
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	65 - 170 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-155

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
3	1	4	20.00	15.30	3.75	32	24
				21.70		55	
5	2	6	24.40	22.95	5.51	70	35
				24.80		99	
7.5	3	4	28.90	30.70	3.75	78	40
				26.97		110	
10	4	6	37.80	29.92	5.51	128	51

Dimensions = inches; weight = U.S. lbs.
M* Maximum length [4" Pentair motor; 6" Hitachi motor]
MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	80 - 215 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

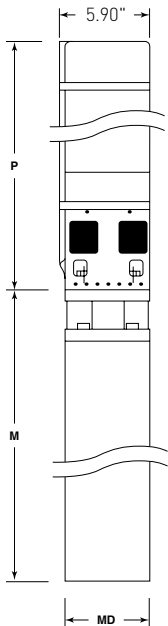
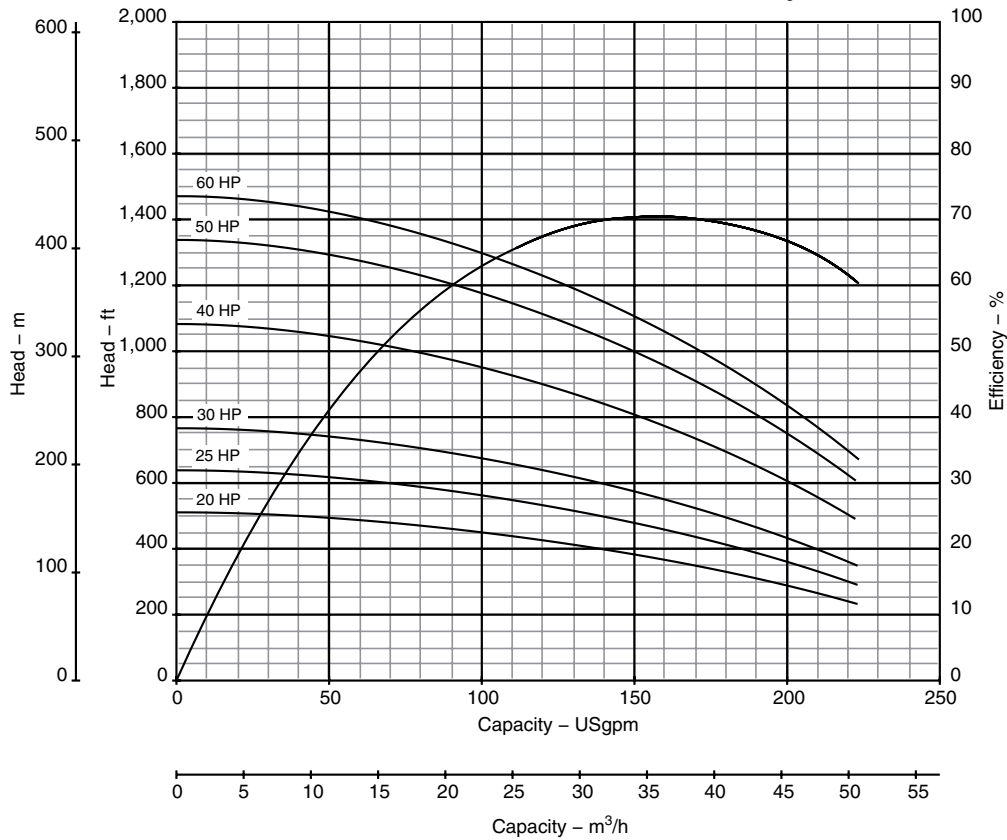
Section 6TS | Page 4.01

Supersedes 4/1/2005 | Date-3/1/2012

BERKELEY® 6TS-155

Submersible Turbine

Nominal RPM: 3450
 Based on Fresh Water @ 68° F.
 Maximum Working Pressure: 650 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
20	8	6	46.70	31.50	5.51	137	62
25	10		55.60	36.22		161	73
30	12		64.50	38.19		176	84
40	16		82.30	40.55		187	106
50	20	8†	100.10	45.28	7.52	353	128
60	22		109.00	48.03		408	139

Dimensions = inches; weight = U.S. lbs.
 M* Maximum length [4" Pentair motor; 6" Hitachi motor]
 MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]
 † 8" Hitachi motor with 6" PE adapter

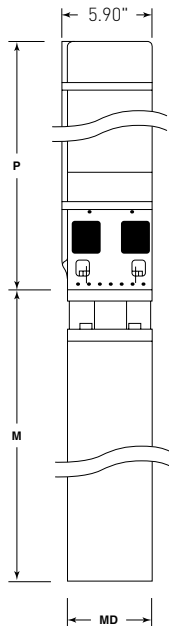
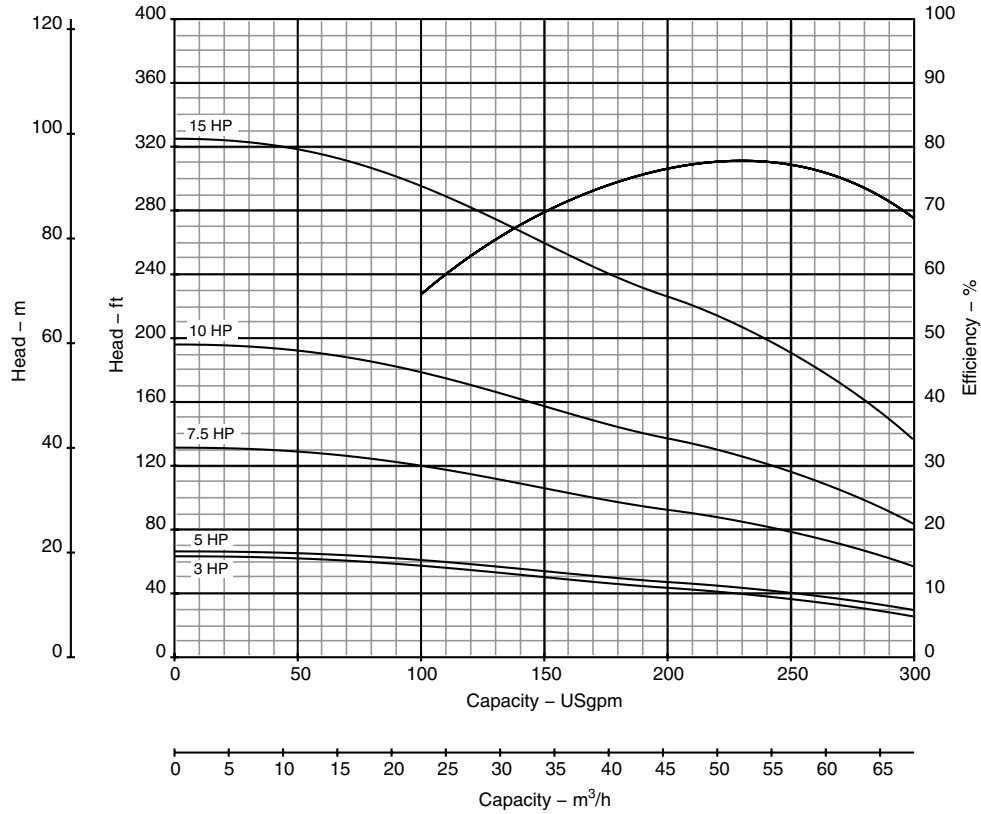
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	80 - 215 GPM
Discharge	3" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-230

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 625 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
3	1	4	20.00	15.30	3.75	32	24
				21.70		55	
5	2	6	24.40	22.95	5.51	95	29
				27.70		70	
7.5	3	4	33.30	24.80	5.51	99	35
				30.70		78	
10	5	6	29.92	26.97	5.51	110	46
				29.92		128	

Dimensions = inches; weight = U.S. lbs.
M* Maximum length (4" Pentair motor; 6" Hitachi motor)
MD* Motor diameter (4" Pentair motor; 6" Hitachi motor)

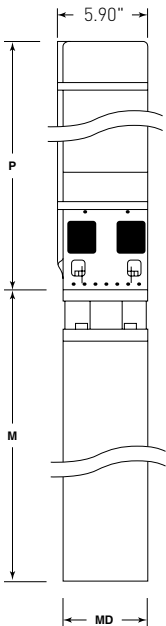
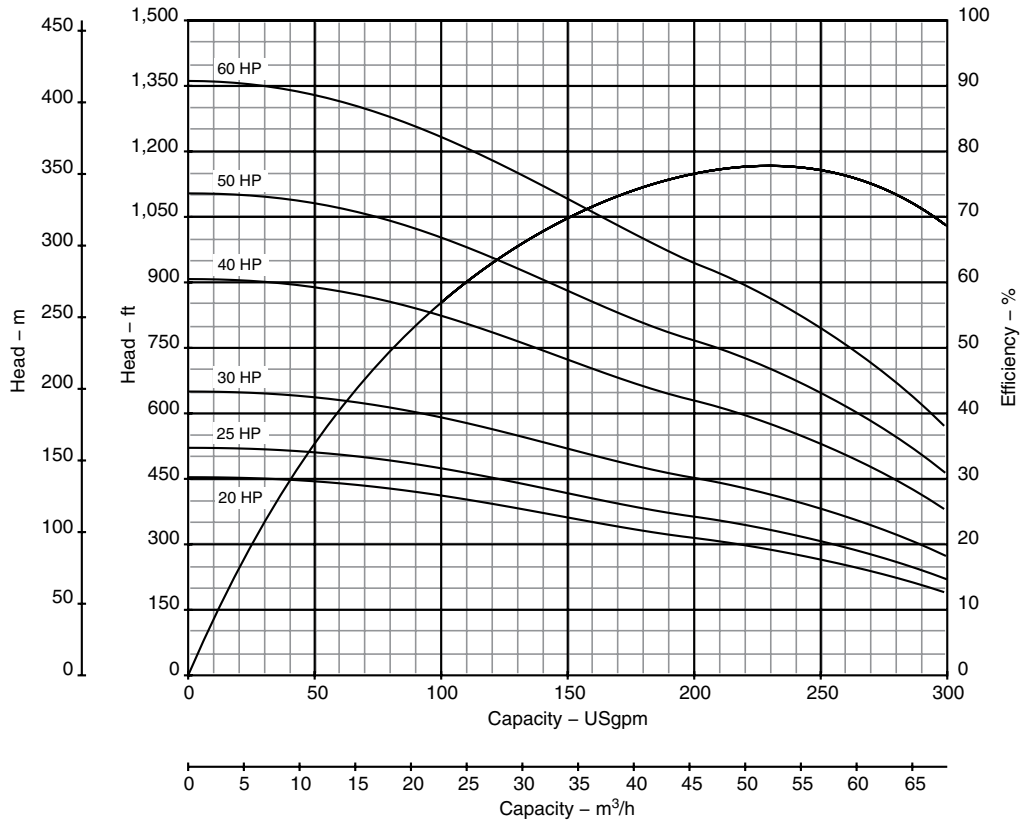
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	115 - 300 GPM
Discharge	4" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-230

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 625 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
20	7	6	42.20	31.50	5.51	137	57
25	8		46.70	36.22		161	62
30	10		55.60	38.19		176	73
40	14		73.40	40.55		187	95
50	17	8†	86.70	45.28	7.52	353	112
60	21		104.50	48.03		408	134

Dimensions = inches; weight = U.S. lbs.
M* Maximum length (4" Pentair motor; 6" Hitachi motor)
MD* Motor diameter (4" Pentair motor; 6" Hitachi motor)
† 8" Hitachi motor with 6" PE adapter

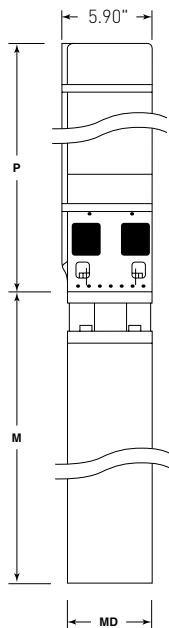
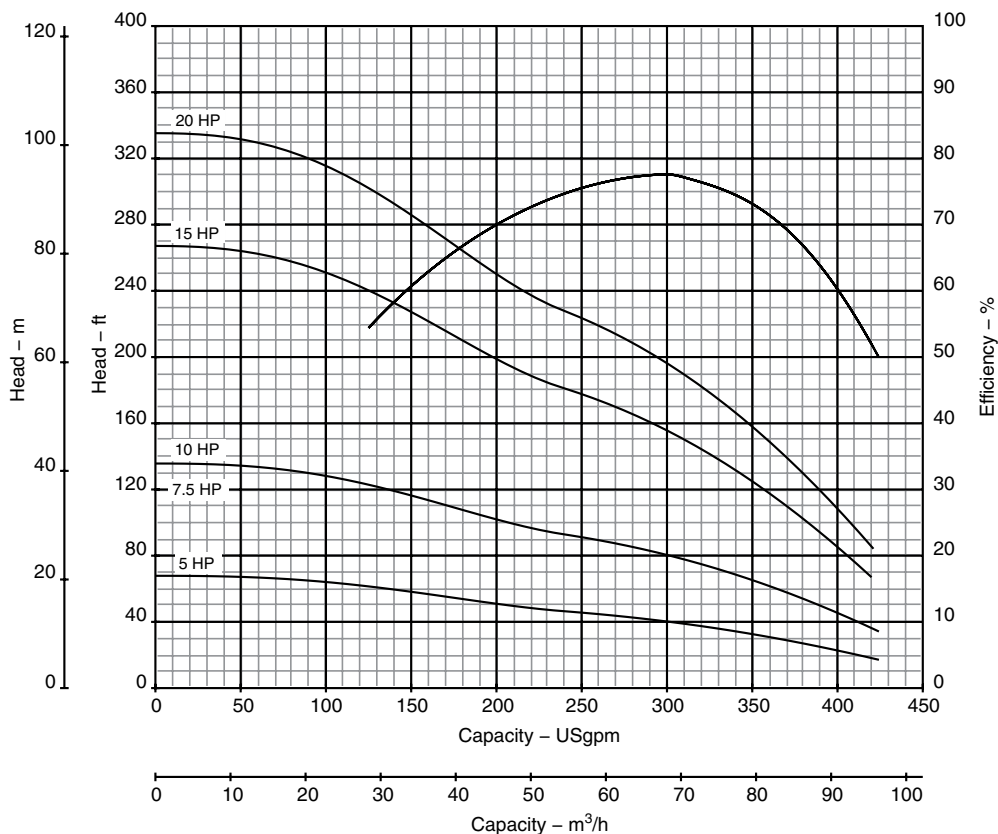
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	115 - 300 GPM
Discharge	4" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-300

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 625 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
5	1	4	24.40	21.70	3.75	55	24
		6		22.95	5.51	95	
7.5	2	4	20.00	27.70	3.75	70	29
		6		24.80	5.51	99	
10	2	4	20.00	30.70	3.75	78	110
				26.97		110	
15	4	6	28.90	29.92	5.51	128	40
20	5		33.30	31.50		137	46

Dimensions = inches; weight = U.S. lbs.
M* Maximum length [4" Pentair motor; 6" Hitachi motor]
MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]

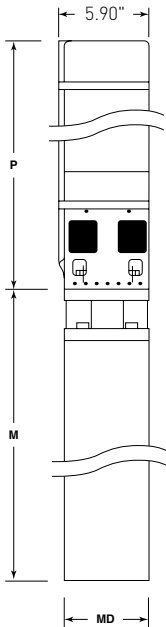
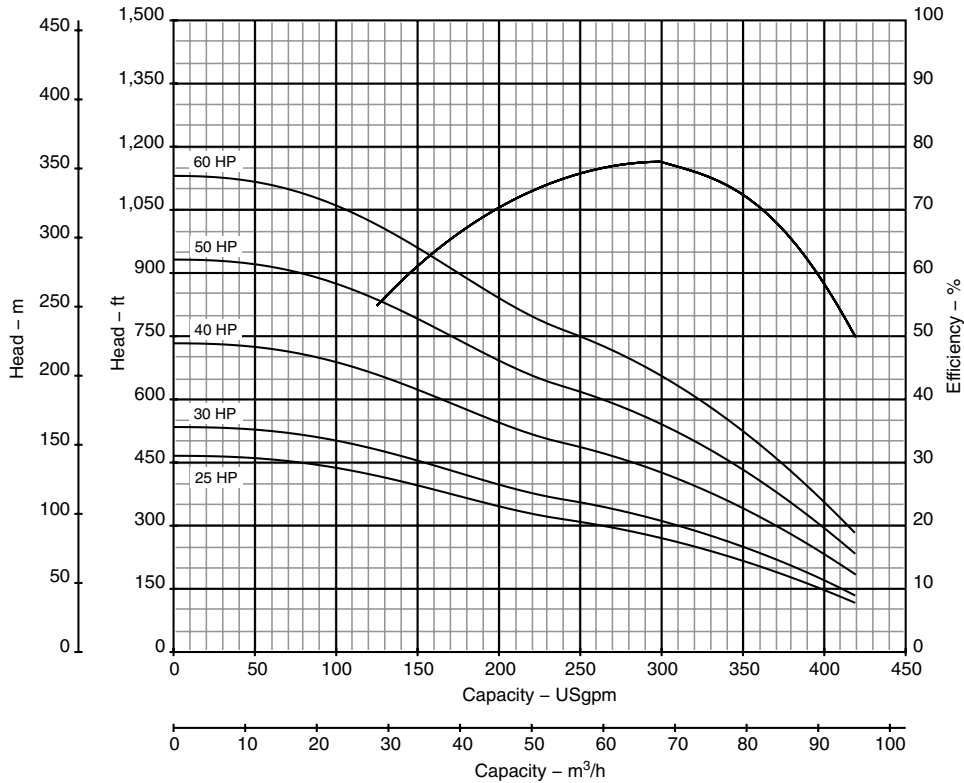
Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	150 - 400 GPM
Discharge	4" F NPT
See manufacturer's data for motor cooling requirements	

BERKELEY® 6TS-300

Submersible Turbine

Nominal RPM: 3450
Based on Fresh Water @ 68° F.
Maximum Working Pressure: 625 PSI



Outline Dimensions / Weights

HP	Stages	Motor size	P length	M* length	MD* dia.	Mtr. Wt.	Pump Wt.
25	7	6	42.30	36.22	5.51	161	57
30	8		46.70	38.19		176	62
40	11		60.00	40.55		187	79
50	14	8†	73.40	45.28	7.52	353	95
60	17		86.80	48.03		408	112

Dimensions = inches; weight = U.S. lbs.
M* Maximum length [4" Pentair motor; 6" Hitachi motor]
MD* Motor diameter [4" Pentair motor; 6" Hitachi motor]
† 8" Hitachi motor with 6" PE adapter

Specifications

Minimum Well I.D.	6.0 Inches
Minimum Submergence @ BEP (above inlet)	10.0 Feet
Capacity Range	150 - 400 GPM
Discharge	4" F NPT
See manufacturer's data for motor cooling requirements	

