

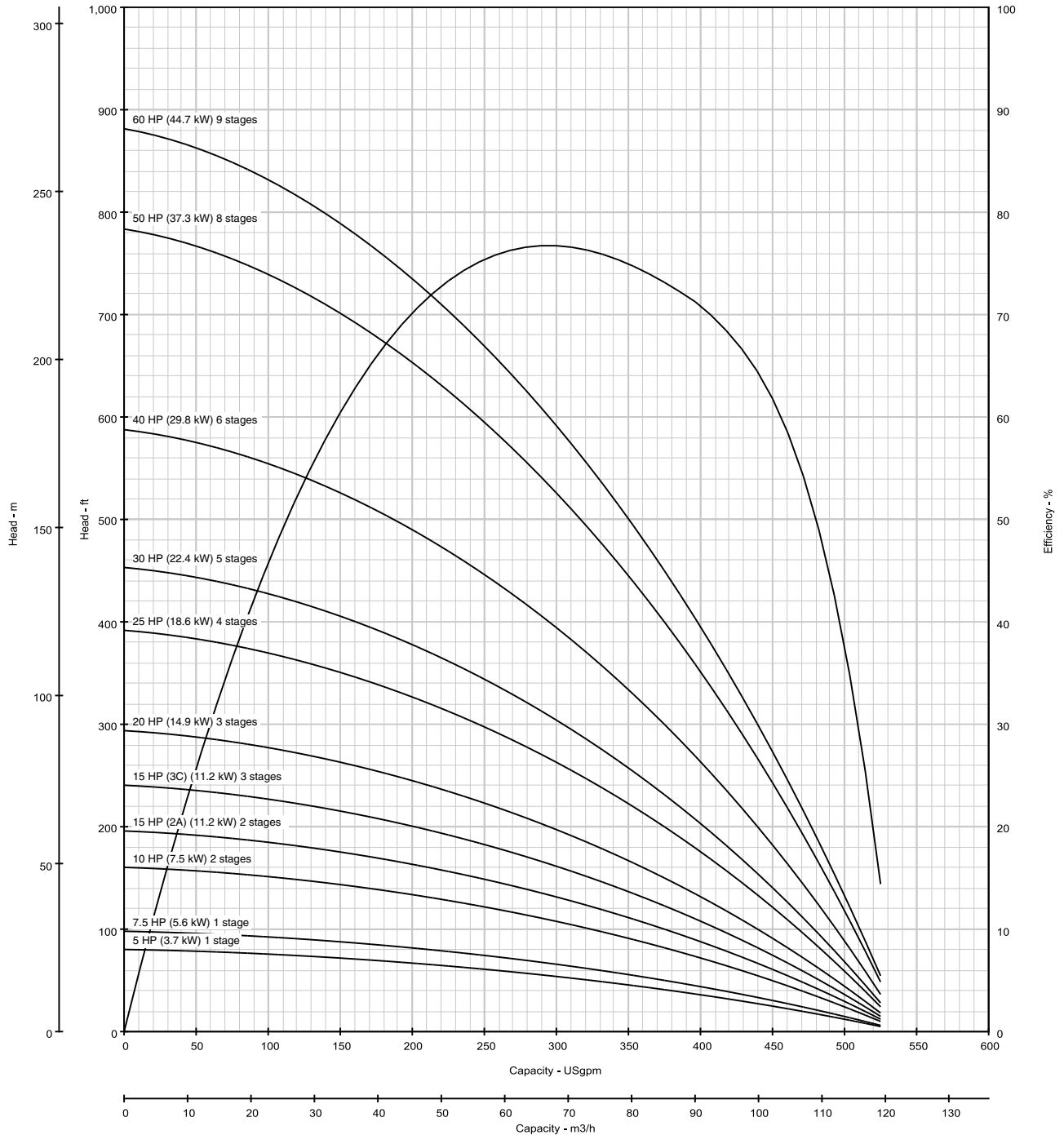
# BERKELEY® 6TMH-300

## SUBMERSIBLE TURBINES

### PERFORMANCE CURVE

Curve 6TMH-300  
 Date 07/01/14  
 Supersedes 03/01/2013  
 Page 3.1.0

Nominal RPM: 3450 (60 hz)  
 Based on Fresh Water@ 68° F (20° C)  
 Maximum Working Pressure: 400 PSI (27.6 BAR)  
 Standard Catalog Staging  
 Pump Diameter with Cableguard 6.5" (165 mm)



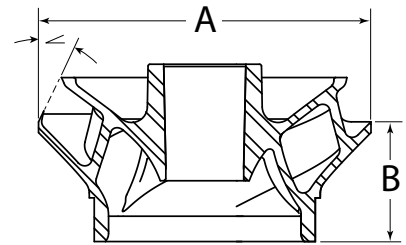
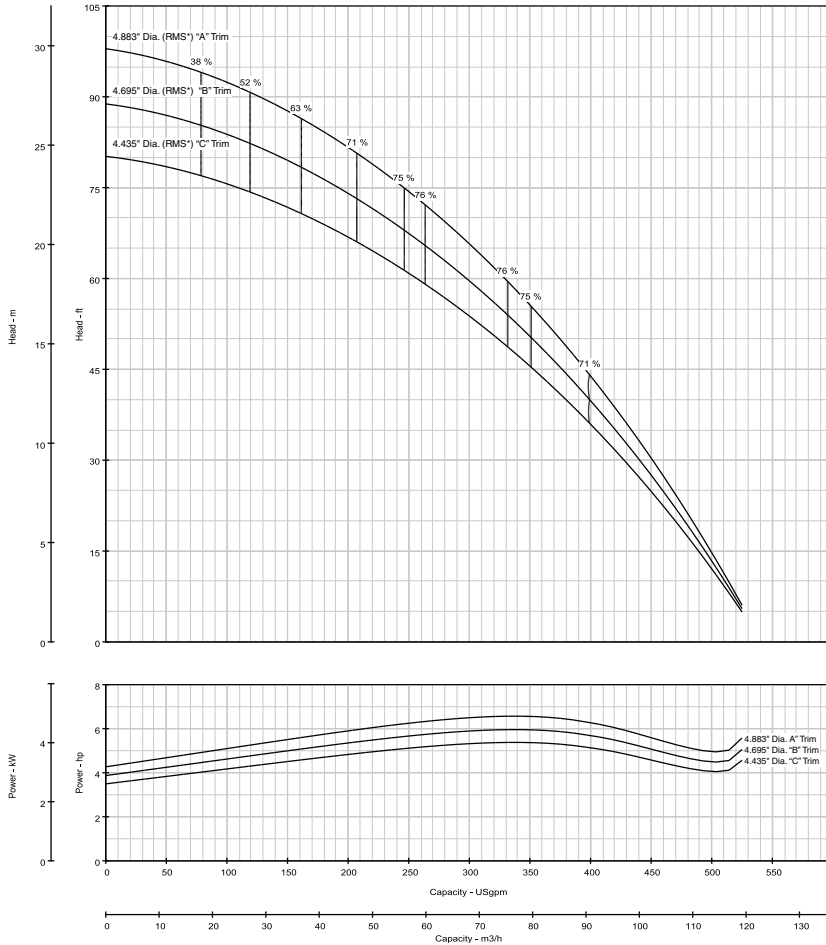
# BERKELEY® 6TMH-300

## SUBMERSIBLE TURBINES

### PERFORMANCE CURVE

Curve 6TMH-300  
 Date 07/01/14  
 Supercedes 03/01/13  
 Page 3.1.1

Nominal RPM: **3450**  
 Based on Fresh Water@ 68 deg. F  
 Maximum Working Pressure: **266 PSI**



	"A" Diameter	"B" Height	∠
"A" Trim	5.25"/133.4 mm	—	—
"B" Trim	5.00"/127 mm	1.765"/44.8 mm	25°
"C" Trim	4.75"/120.7 mm	1.638"/41.6 mm	25°

Stages	Assembled pump length less motor - inches (mm)
1	17.15 (436)
2	23.65 (601)
3	30.15 (766)
4	36.65 (931)
5	43.15 (1096)
6	49.65 (1261)
7	69.17 (1757)
8	62.65 (1591)
9	69.15 (1756)

Pump Diameter with leadguard: 6.50 inches (165 mm)

Refer to the following literature pieces for motor information, including power and length:  
 P10842BK for Pentek® motors  
 P8174WS for Hitachi® motors

Part Name	Material	Reference
Top Bearing	Vesconite®	
Discharge Adapter	Ductile Iron	ASTM A536-84 65-45-12
Bowls		ASTM A48 Class 30
Suction Bracket		ASTM A536-84 65-45-12
Bowl Bearing	Rubber	Neoprene
Impeller Collets	Steel	AISI 1226
Pump Shaft, Shaft Coupling	Stainless Steel	AISI 416 UNS S41600
Upthrust Adjustment, Impeller, Suction Screen	Stainless Steel	AISI 302 UNS S30400
Cable Guard	Stainless Steel	AISI 302 UNS S30200



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.