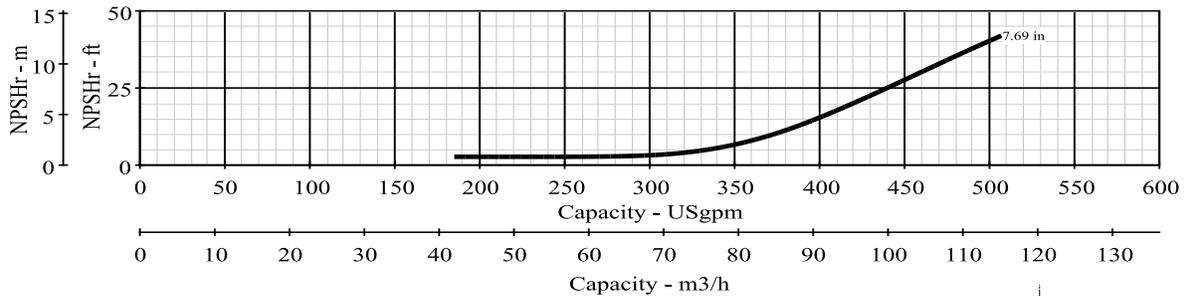
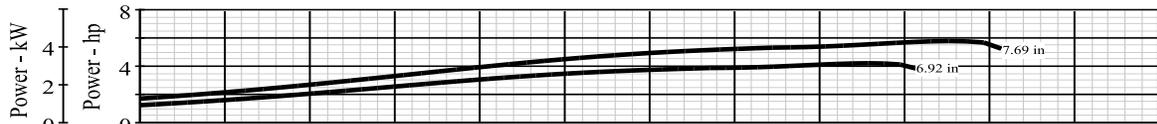
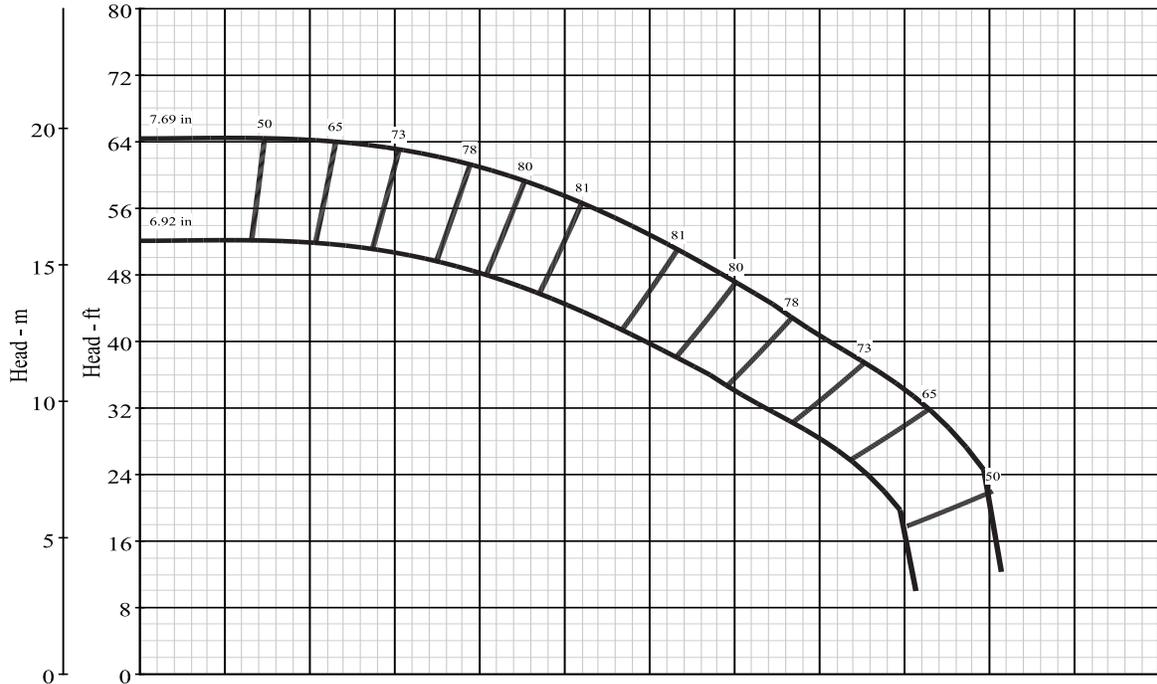


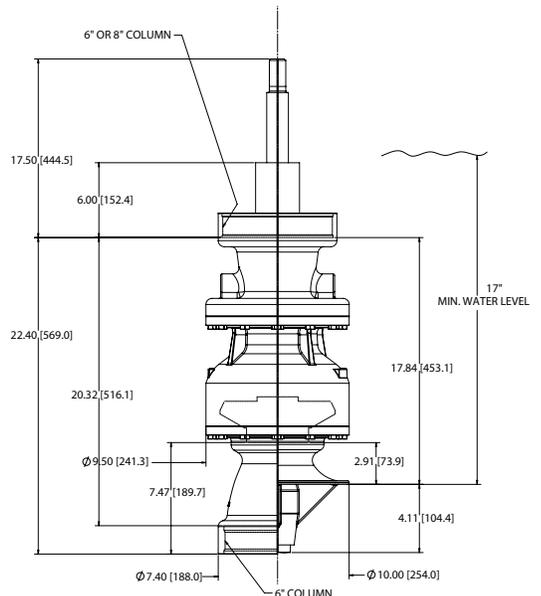
# BERKELEY®

## VERTICAL LINESHAFT TURBINES

No. Stages	Eff.	10VT250	1770 R.P.M.
1	-2	SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL	
2	-1		
3	0		
4	0		



Maximum Operating Speed	1800	Maximum Sphere Size-inches	0.53
Pump Shaft Diameter-inches	1.50	Thrust Factor-Kt	5.2
Bowl Weight 1st Stage	132.7	WR^2	0.385
Bowl Weight Ea. Add Stage-lbs	45.2	Running Position (Above Seat)-in.	0.200
Allowable Shaft Stretch-inches	0.85	Submergence-inches	17
Maximum Working Pressure-PSI	340	Max Bowl Brg Clearance-in. Dia	0.012
Maximum Hydro Pressure-PSI	510	Max Wear Ring Clearance-in Dia.	N/A
Impeller Eye -Sq. In	10.25	Max Bowl O.D.-inches	9.5
Rotor Weight 1st/add stages-(Ka)	28.3/13.9	Suct Bell O.D.-inches	10
Add 7.76" per additional stage		Maximum Number of Stages	12
Discharge-inches	6, 8	Suction-inches	6



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

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