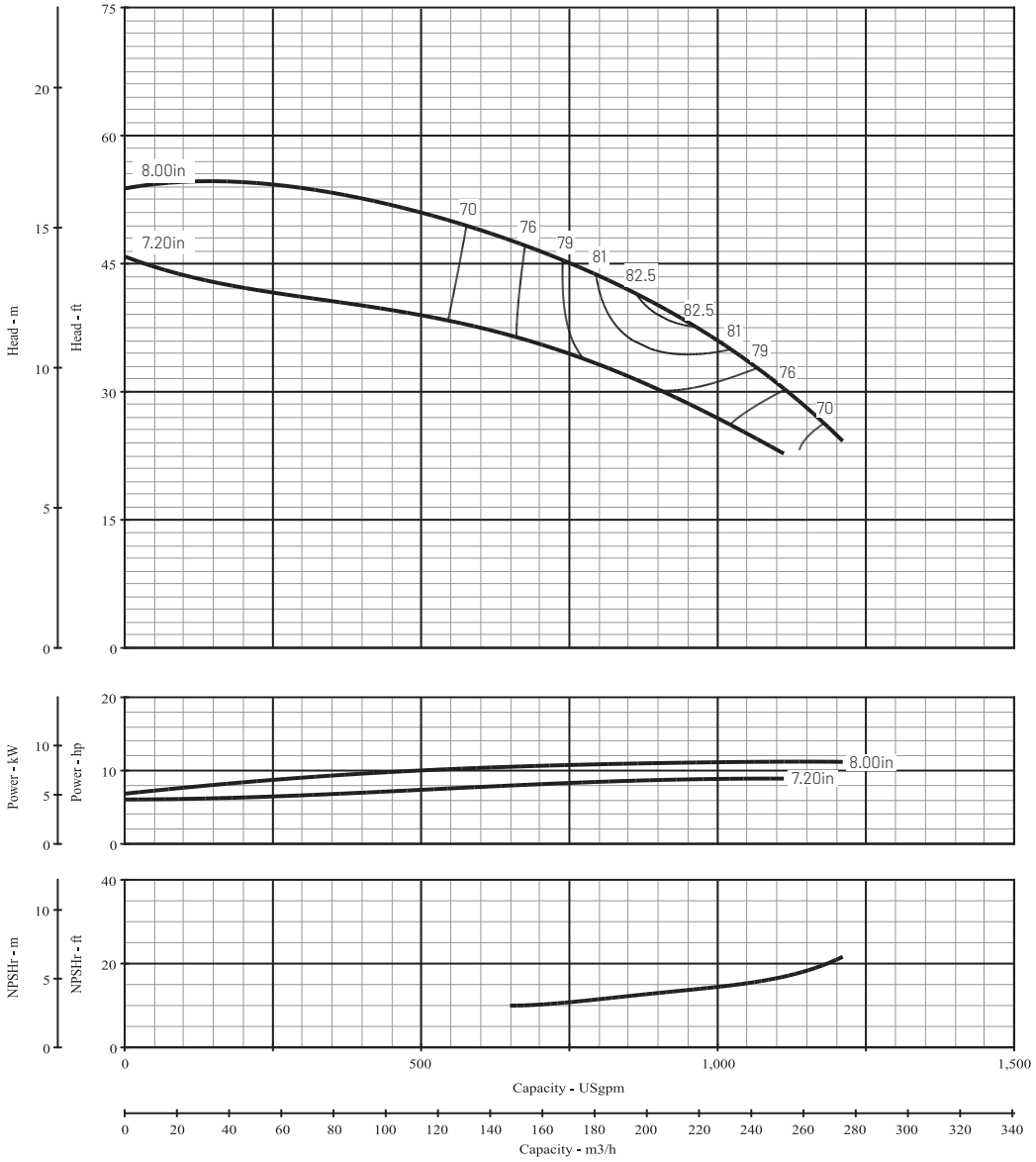
PENTAIR BERKELEY

VERTICAL LINESHAFT TURBINES

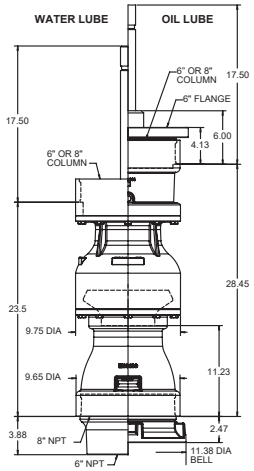
No. Stages	Eff.
1	-4
2	-3
3	-1
4	0

10VT900 10VT900 CLOSED IMPELLER 1770 R.P.M.

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



10VT900			
Maximum Operating Speed - RPM	3600	Maximum Sphere Size - in	0.83
Pump Shaft Diameter - in	1.500	Thrust Factor - Kt	8.22
Bowl Weight, 1st Stage W/L - lbs	181	WR2	0.513
Bowl Weight, 1st Stage O/L - lbs	208	Running Position (above seat) - in	0.200
Bowl Weight, Ea. Add Stage - lbs	73	Submergence - in	32
Allowable Shaft Stretch - in	1.25	Max Bowl Brg Clearance - in. dia	0.014
Standard Max Working Pressure - psi	400	Max Wear Ring Clearance - in. dia	0.015
Optional Max Working Pressure - psi	700	Max Bowl O.D. - in	9.75
Impeller Eye Area - sq in	18.22	Suction Bell O.D. - in	11.38
Rotor Weight 1st / Add Stages - lbs	31/14	Standard Max Number Stages	15
Additional Length Per Stage - in	10	Optional Max Number Stages	20
Discharge Thread Column - in	8	Suction Threads NPT - in	8



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