

EXPECTED PERFORMANCE CURVES

Sealless Vertical Pump
Model: YD-42VK-B36

Impeller Dia. = $\phi 4.3$ " x 0.47"(T)
S.G. = 1.1

Suction/Discharge : 2.0"/1.5"
Max TDH : 77 ft.
Max Capacity : 114 gpm
Liquid Temperature : Ambient
Magnet :
Horsepower : 3 HP
Motor Frame : 182 TC
Phase : 3
Frequency : 60 Hz
Speed : 3450 rpm

QUICK REFERENCE GUIDE							
<i>*Current and voltage for this performance test are and respectively.</i>							
No.	Pump				Motor		
	Capacity gpm	TDH ft.	Water Power kW	Efficiency %	Output		
					kW	HP	
1	0.0	76.7	0.000	0.0	1.071	1.427	
2	26.4	70.5	0.350	26.4	1.326	1.768	
3	52.8	62.9	0.626	39.1	1.600	2.133	
4	92.4	42.6	0.742	39.8	1.863	2.483	
5	113.5	25.2	0.540	27.6	1.956	2.608	

