

# EXPECTED PERFORMANCE CURVES

Sealless Vertical Pump
<b>Model: YD-50VP-B36</b>

Impeller Dia. = $\phi$ 4.6" x 0.28"(T)
<b>S.G. = 1.4</b>

Suction/Discharge : 2.0"/2.0"
Max TDH : 70 ft.
Max Capacity : 129 gpm
Liquid Temperature : Ambient
Magnet :
Horsepower : 3 HP
Motor Frame : 182 C
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	TDH	Water Power	Efficiency	Output	
	gpm	ft.	kW	%	kW	HP
1	0.0	69.5	0.000	0.0	1.326	1.768
2	52.8	55.4	0.551	36.9	1.492	1.989
3	79.2	41.9	0.626	39.9	1.570	2.093
4	105.6	25.9	0.515	32.8	1.570	2.093
5	129.4	9.1	0.224	14.1	1.590	2.119

