

# EXPECTED PERFORMANCE CURVES

Sealless Circulation Pump  
**Model: YD-2500VK**

Specific gravity  
**S.G. = 1.1**

Suction/Discharge : 1.6" x 1.0"
Max TDH : 37ft.
Max Capacity : 37.5gpm
Liquid Temperature : Ambient
Horsepower : 1/2HP
Motor Frame : 56 TC
Phase : 3
Frequency : 60Hz
Speed : 3360rpm

QUICK REFERENCE GUIDE						
*Current and voltage for this performance test are 2.2A and 200V respectively.						
No.	Pump				Motor	
	Capacity	TDH	Water Power	Efficiency	Output	
	gpm	ft.	kW	%	kW	HP
1	0.0	37.0	0.000	0.0	0.225	0.30
2	10.0	33.5	0.063	22.2	0.285	0.38
3	18.5	27.6	0.096	29.8	0.321	0.43
4	31.7	19.4	0.115	30.2	0.382	0.51
5	37.5	15.4	0.109	26.5	0.410	0.55

