

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-251GV**

IMPELLER DIA. = 4.25"x3.86"

**S.G.=1.1**

Discharge : 1.0"/1.0"

Max TDH : 65 ft.

Max Capacity : 41 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

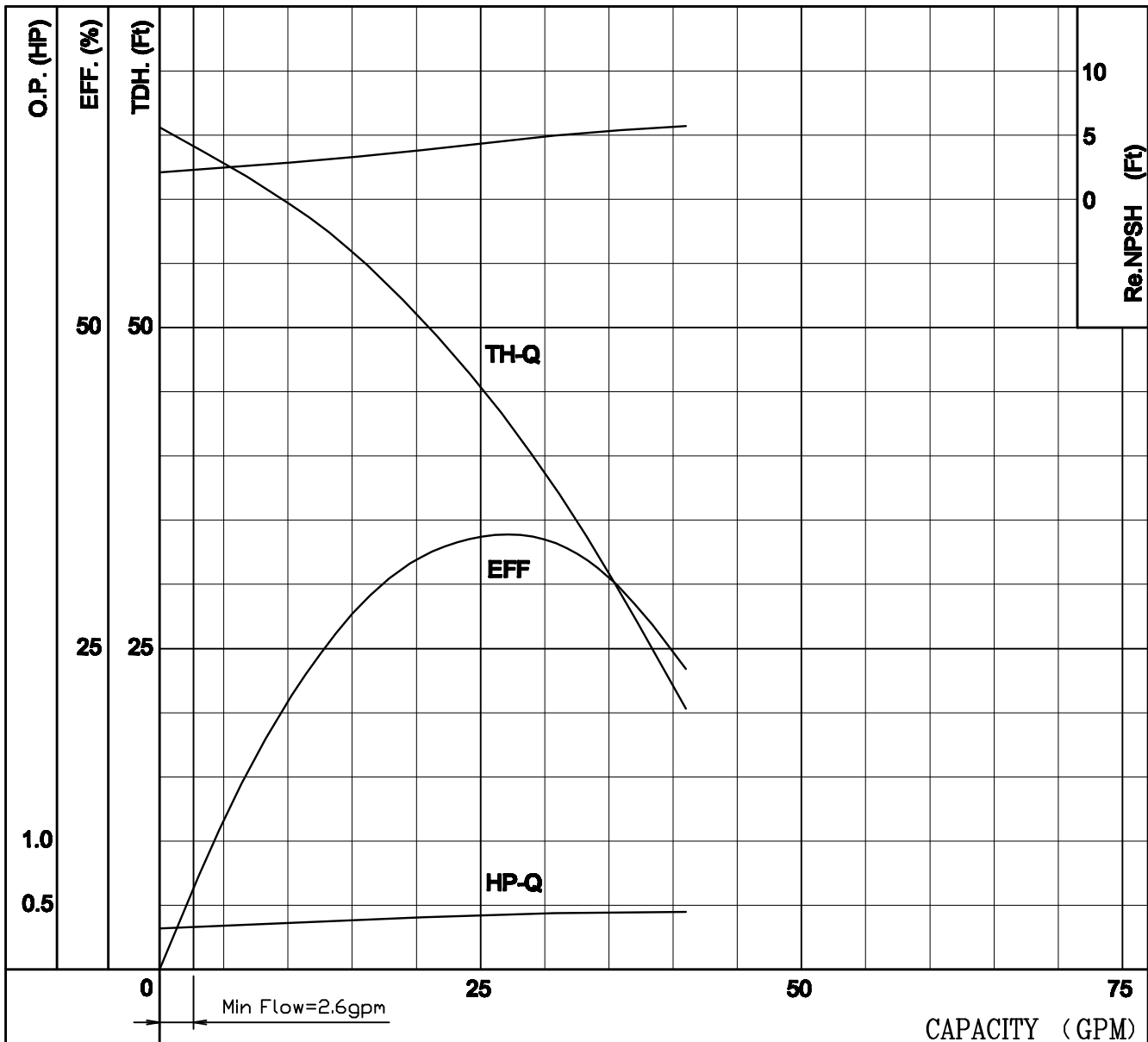
Frequency : 60Hz

Speed : 3450 rpm

## QUICK REFERENCE GUIDE

\*Current and voltage for this performance test are and respectively.

No.	P u m p				M o t o r	
	Capacity	TDH	Water Power	Efficiency	Output	
	gpm	ft.	kW	%	kW	HP
1	0.0	65.6	0.000	0.0	0.48	0.64
2	10.0	59.7	0.112	20.9	0.54	0.72
3	20.0	51.0	0.191	31.9	0.60	0.81
4	30.0	38.7	0.218	33.5	0.65	0.87
5	41.0	20.3	0.157	23.4	0.67	0.90



This performance data is based on the end suction operation in pure water (S.G.1.0) at 68 degrees F.



**World Chemical USA, Inc.**