

# EXPECTED PERFORMANCE CURVES

Sealless Self-Priming Pump

IMPELLER DIA. = 3.66"

**Model: YD-4001VK1**

**S.G.=1.1**

Discharge / Suction: 2" / 1-1/2"

Max TDH : 36.4 ft.

Max Capacity: 47.6 gpm

Liquid Temperature : Ambient

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

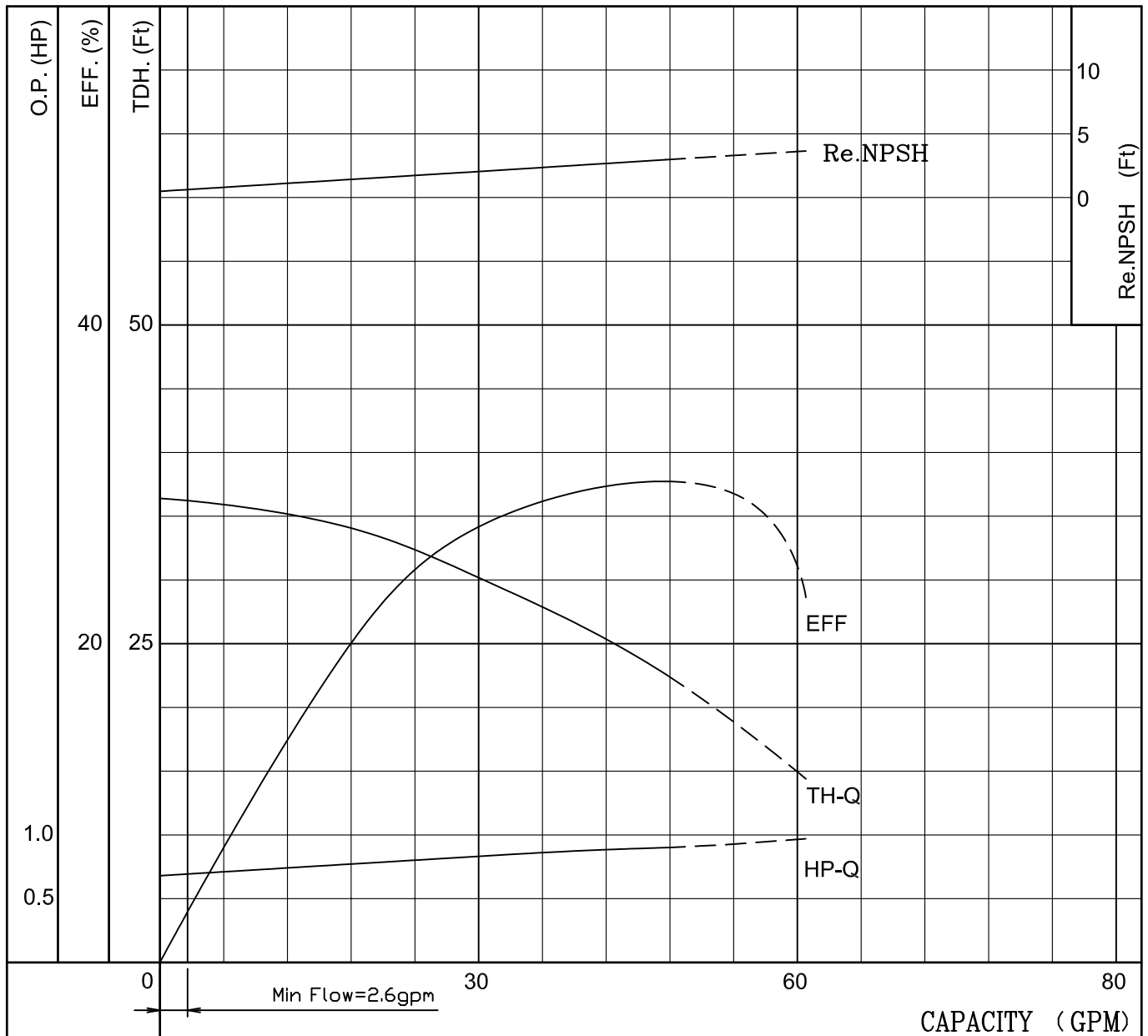
Frequency : 60Hz

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	36.4	0.000	0.0	0.51	0.68
2	15.9	34.5	0.103	18.0	0.57	0.76
3	31.7	29.5	0.176	27.9	0.63	0.84
4	39.6	26.2	0.196	30.1	0.65	0.87
5	47.6	22.6	0.202	30.2	0.67	0.90



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