

EXPECTED PERFORMANCE CURVES

Sealless Self-Priming Pump

Model: YD-4002VK1

IMPELLER DIA. = 4.13"

S.G.=1.1

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

Max TDH : 53.5 ft.

Max Capacity: 84.5 gpm

Liquid Temperature : Ambient

Horsepower : 2 HP

Motor Frame : 143TC

Phase : 3

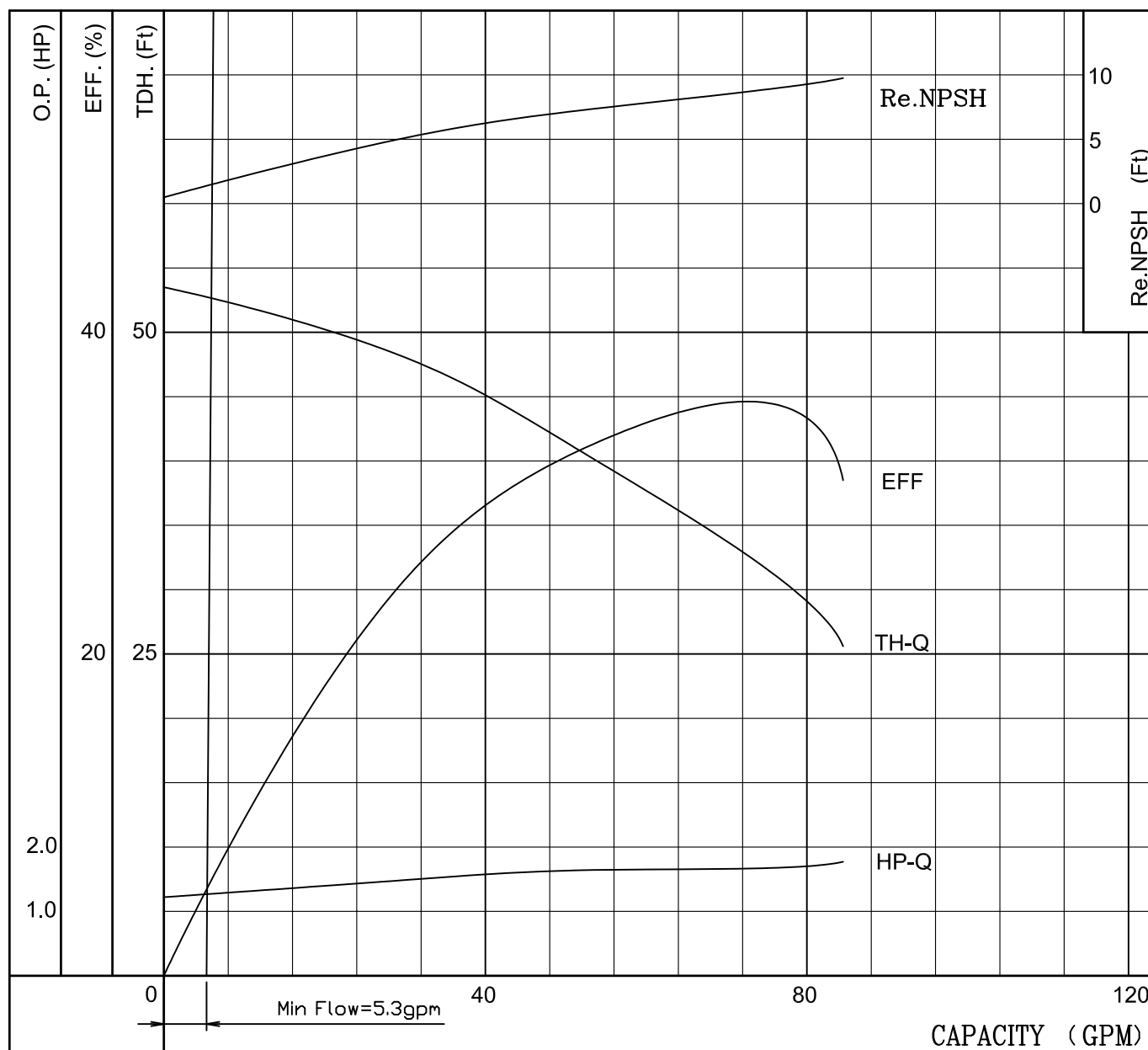
Frequency : 60Hz

Speed : 3490 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	53.5	0.000	0.0	0.91	1.22
2	26.4	48.9	0.243	22.5	1.08	1.45
3	52.8	40.4	0.401	32.9	1.22	1.64
4	79.3	29.5	0.440	34.9	1.26	1.69
5	84.5	25.6	0.407	30.8	1.32	1.77



World Chemical USA, Inc.