

EXPECTED PERFORMANCE CURVES

Sealless Self-Priming Pump

IMPELLER DIA. = 4.72"

Model: YD-5005VK1

S.G.=1.1

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

Max TDH : 77.8 ft.

Max Capacity: 158.5 gpm

Liquid Temperature : Ambient

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

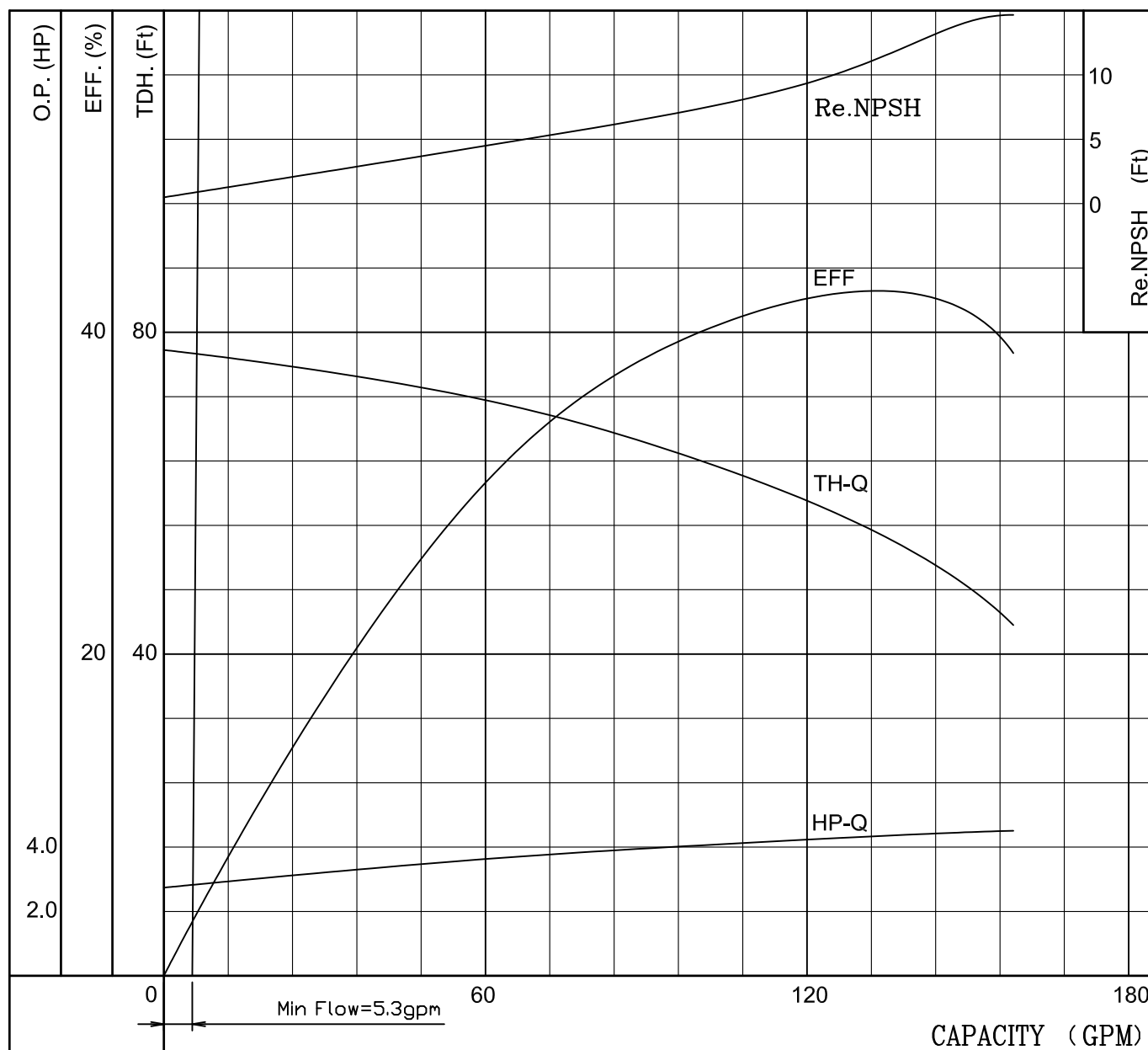
Frequency : 60Hz

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	77.8	0.000	0.0	2.04	2.74
2	47.6	73.2	0.654	25.3	2.59	3.47
3	100.4	64.0	1.208	39.9	3.03	4.06
4	145.3	50.5	1.381	41.8	3.30	4.43
5	158.5	43.6	1.301	38.7	3.36	4.51



World Chemical USA, Inc.