

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 3.78"

Model: YD-4001GS1

S.G.=1.3

Discharge : 1 1/2"/1 1/2"

Max TDH :52.5 ft.

Max Capacity : 68.7 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

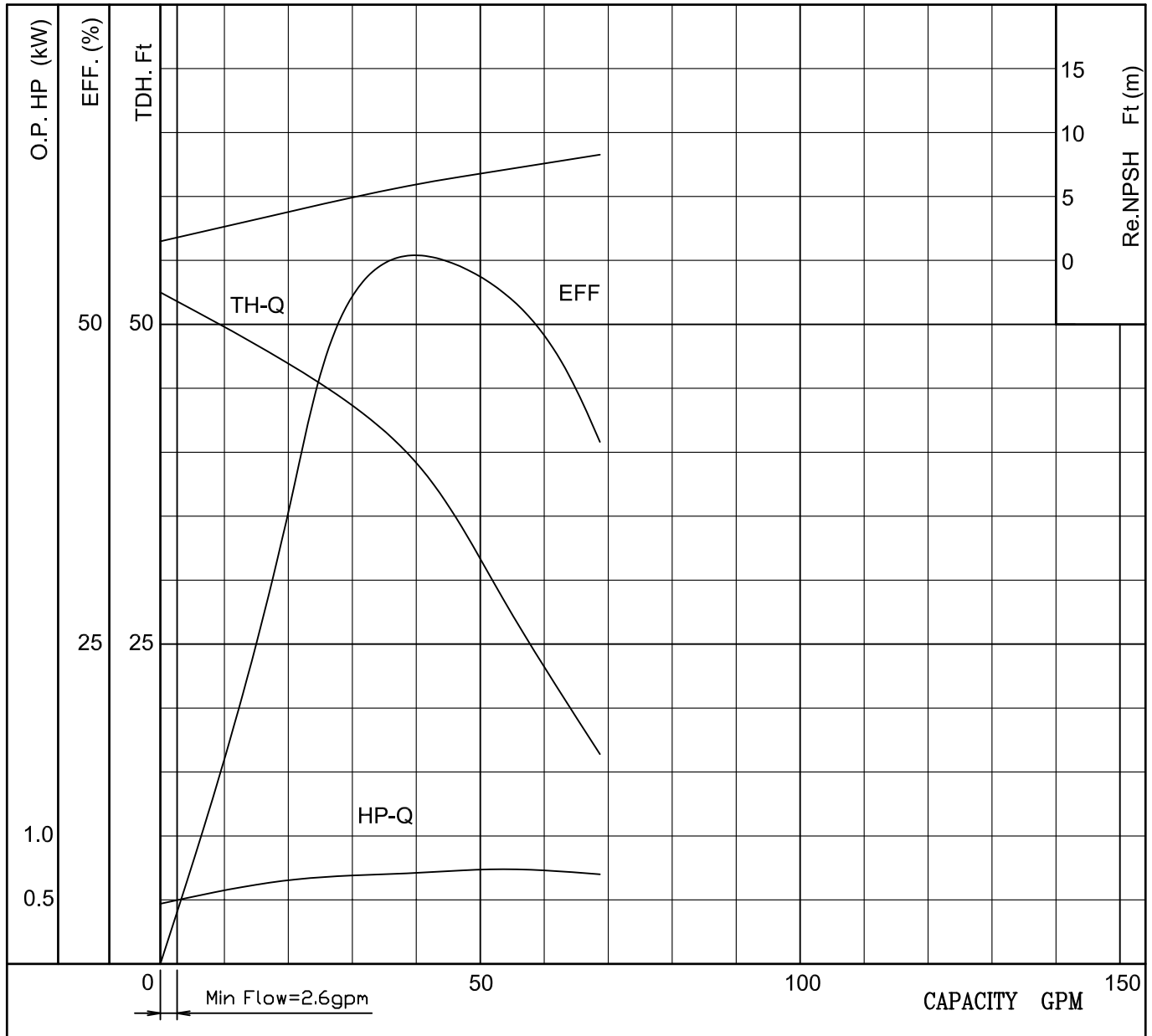
Frequency : 60Hz

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 gpm	TDH ft.	Water Power kW	Efficiency %	Output kW	HP
1	0.0	52.5	0.000	0.0	0.35	0.47
2	21.1	46.6	0.185	37.8	0.49	0.66
3	39.6	39.4	0.293	55.4	0.53	0.71
4	52.8	29.2	0.290	52.8	0.55	0.74
5	68.7	16.4	0.212	40.8	0.52	0.70



World Chemical USA, Inc.