

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-402GVF**

IMPELLER DIA. = 5.00"x4.45"

**S.G.=1.1**

Discharge : 1.5"/1.5"

Max TDH : 76 ft.

Max Capacity : 79.3 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

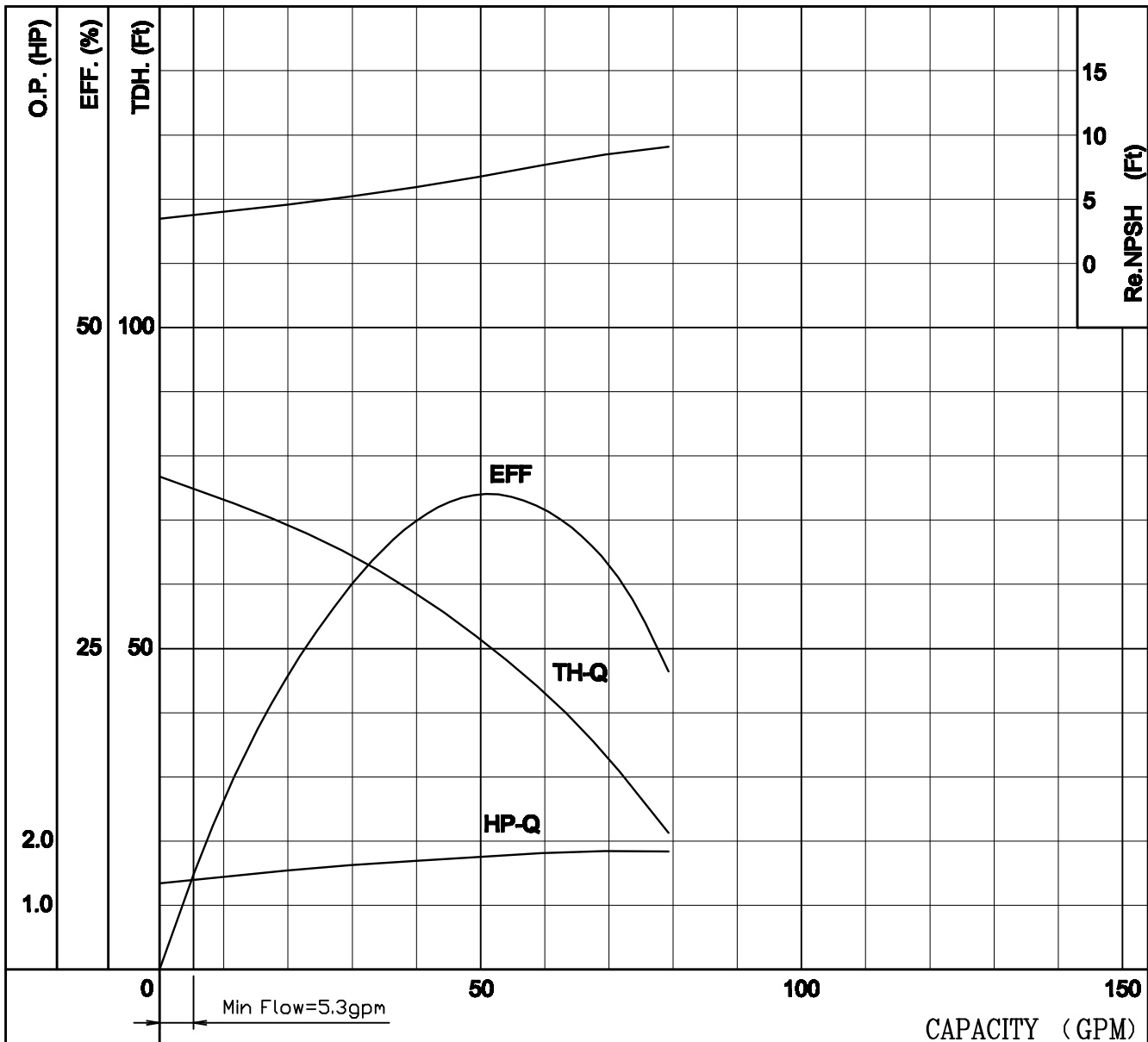
Frequency : 60Hz

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	76.8	0.000	0.0	1.00	1.34
2	20.0	69.2	0.260	22.9	1.14	1.52
3	40.0	58.5	0.439	34.9	1.26	1.69
4	60.0	43.0	0.484	35.8	1.35	1.81
5	79.3	21.3	0.318	23.2	1.37	1.84



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.**