

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-402GV**

IMPELLER DIA. = 5.08"x4.53"

**S.G.=1.1**

Discharge : 1.5"/1.5"

Max TDH : 84 ft.

Max Capacity : 80.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

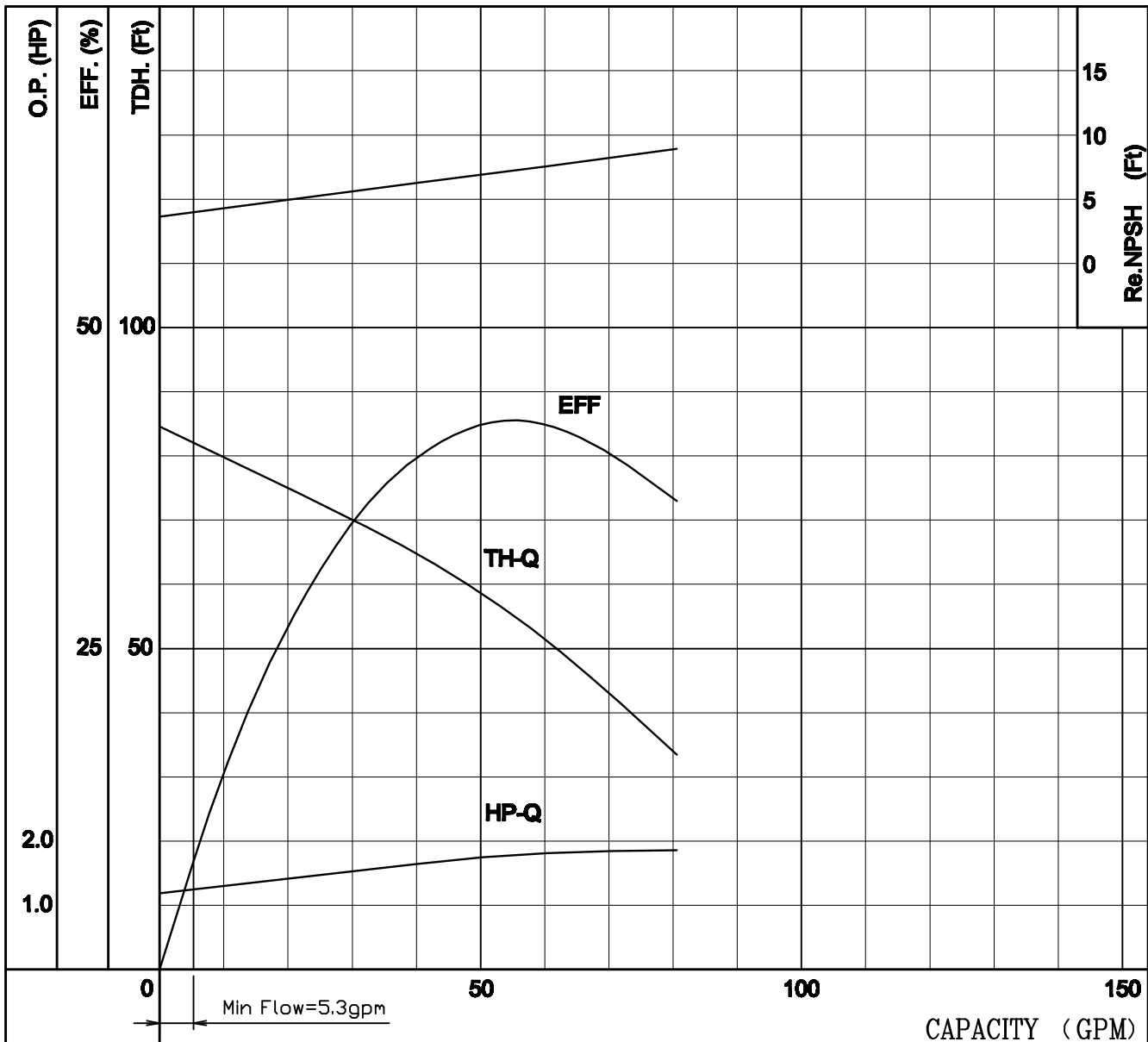
Frequency : 60Hz

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	84.6	0.000	0.0	0.89	1.19
2	20.0	75.0	0.282	26.7	1.01	1.41
3	40.0	64.7	0.486	39.9	1.22	1.63
4	60.0	51.4	0.579	42.4	1.37	1.83
5	80.6	33.5	0.507	36.5	1.39	1.86



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.**