

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-505GVF**

IMPELLER DIA. = 5.51"x5.08"

**S.G.=1.1**

Discharge : 2.0"/2.0"

Max TDH : 111 ft.

Max Capacity : 124.2 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

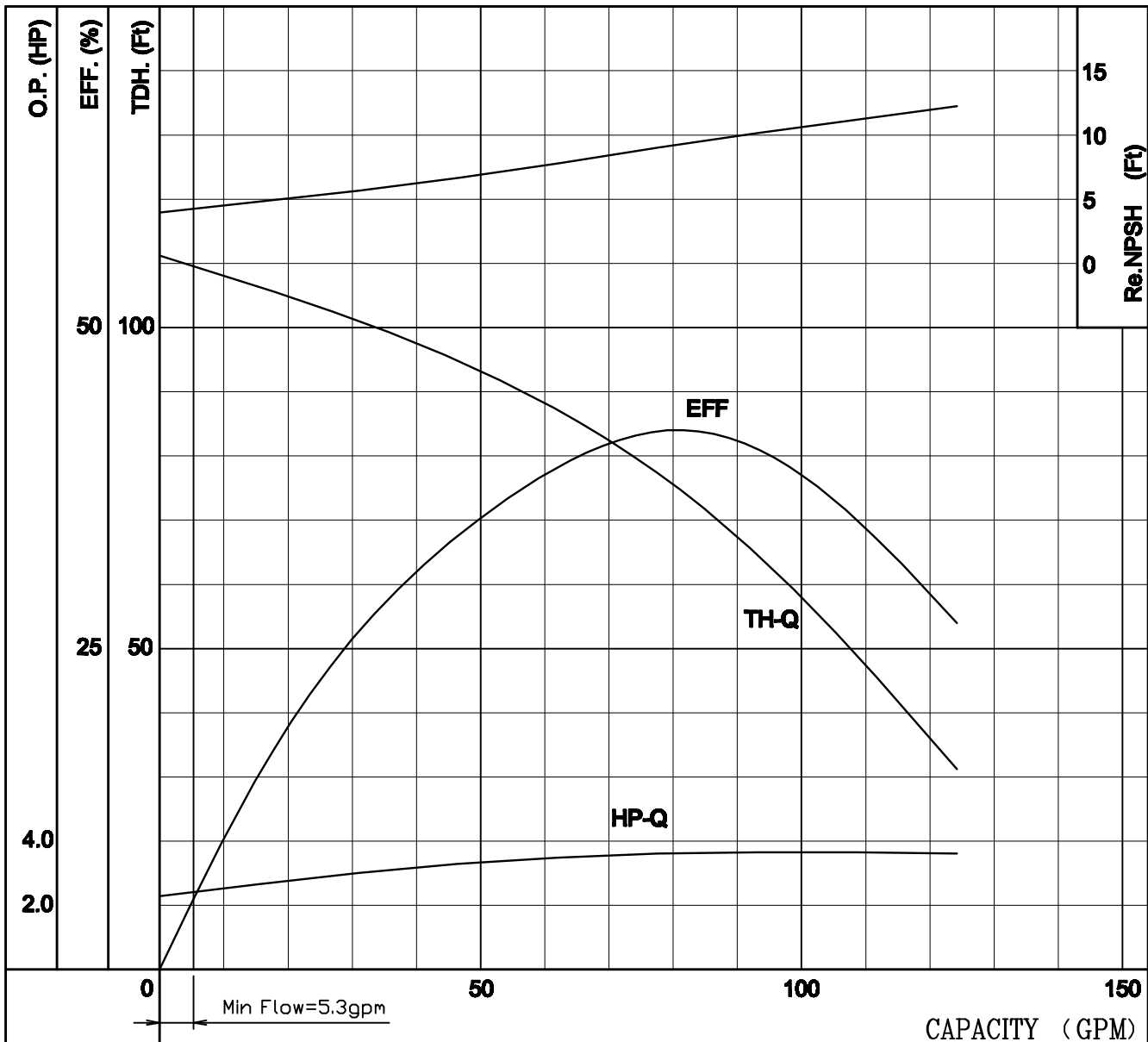
Frequency : 60Hz

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	111.2	0.000	0.0	1.71	2.29
2	25.0	103.1	0.484	22.5	2.15	2.88
3	50.0	93.2	0.875	35.1	2.49	3.34
4	75.0	79.1	1.114	41.7	2.67	3.58
5	124.2	31.2	0.728	27.0	2.70	3.62



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.**