

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-505GVF**

IMPELLER DIA. = 5.28"x4.65"

**S.G.=1.6**

Discharge : 2.0"/2.0"

Max TDH : 100 ft.

Max Capacity : 116.2 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

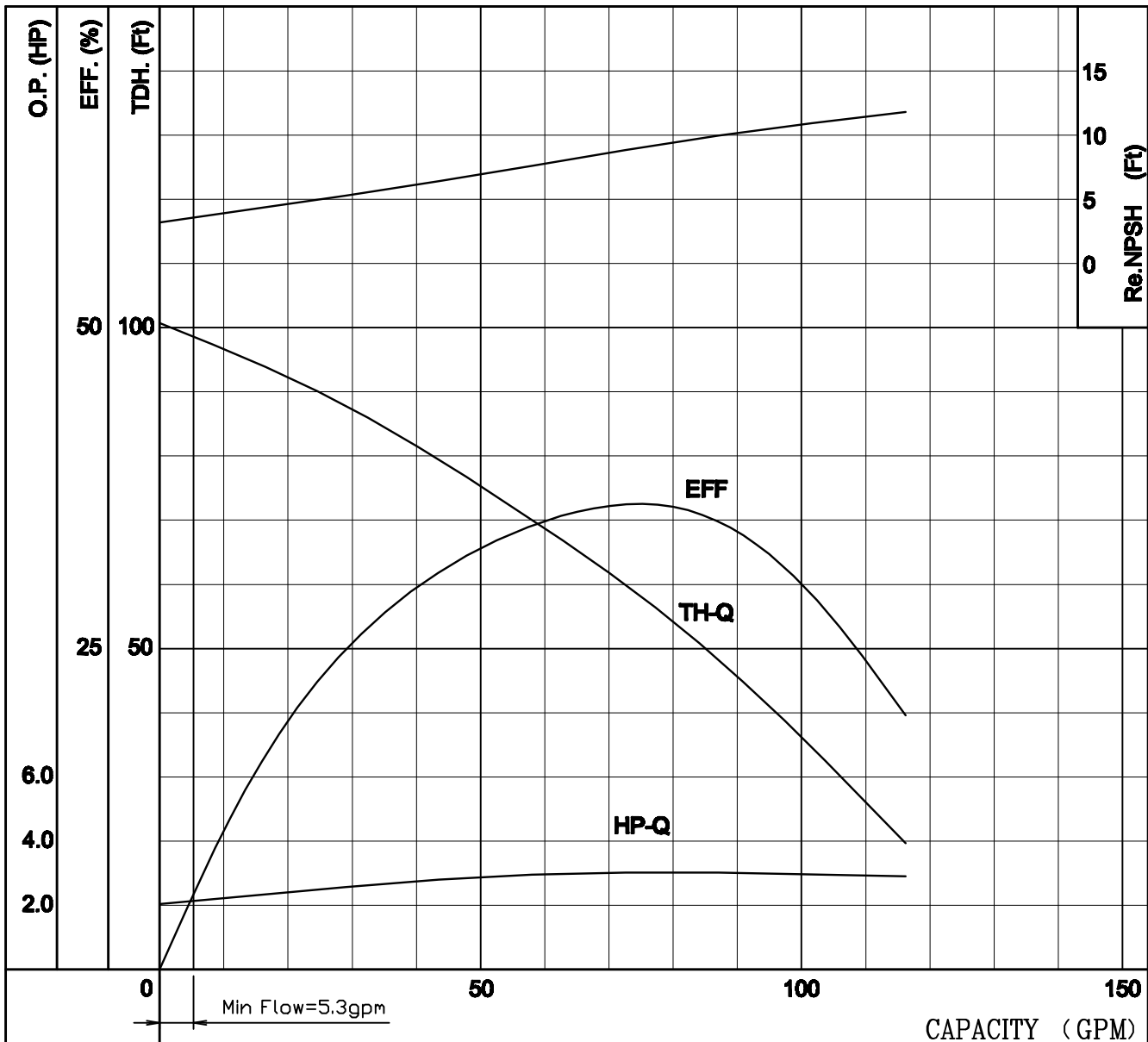
Frequency : 60Hz

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	100.7	0.000	0.0	1.52	2.04
2	25.0	89.9	0.422	22.7	1.86	2.49
3	50.0	75.3	0.707	32.8	2.16	2.89
4	75.0	58.1	0.818	36.2	2.26	3.03
5	116.2	19.7	0.430	19.8	2.17	2.91



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.**