

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-505GV**

IMPELLER DIA. = 5.28"x4.65"

**S.G.=1.6**

Discharge : 2.0"/2.0"

Max TDH : 103 ft.

Max Capacity : 114.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

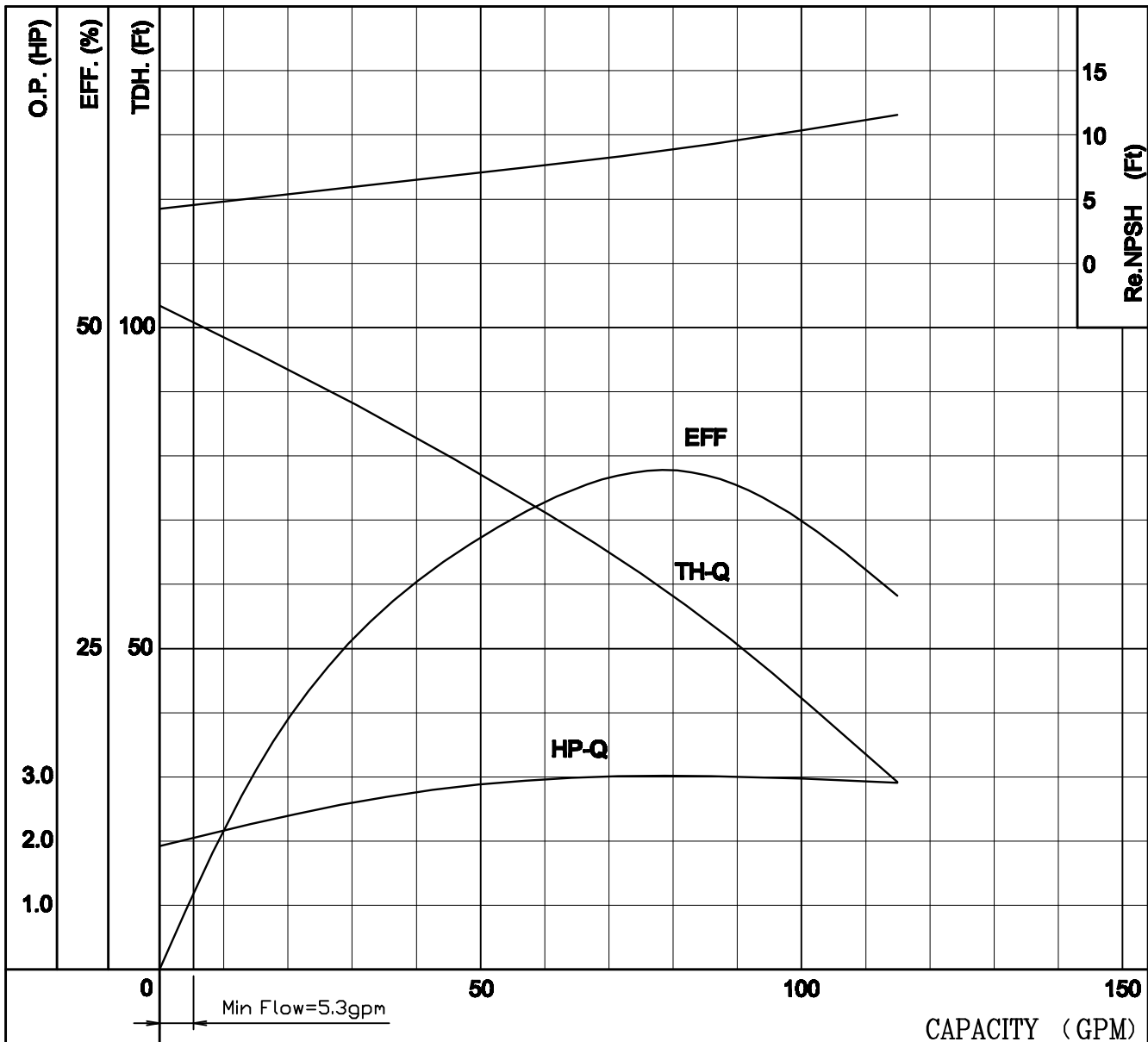
Frequency : 60Hz

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 gpm	TDH ft.	Water Power kW	Efficiency %	Output kW HP	
1	0.0	103.4	0.000	0.0	1.43	1.92
2	25.0	90.9	0.427	22.8	1.87	2.51
3	50.0	77.1	0.724	33.6	2.15	2.89
4	75.0	61.7	0.869	38.8	2.24	3.00
5	114.9	29.2	0.631	29.1	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.**