

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.45"

**Model: YD-4002GSF1**

**S.G.=1.2**

Discharge : 2.0"/1 1/2"

Max TDH : 78.4 ft.

Max Capacity : 87.2 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

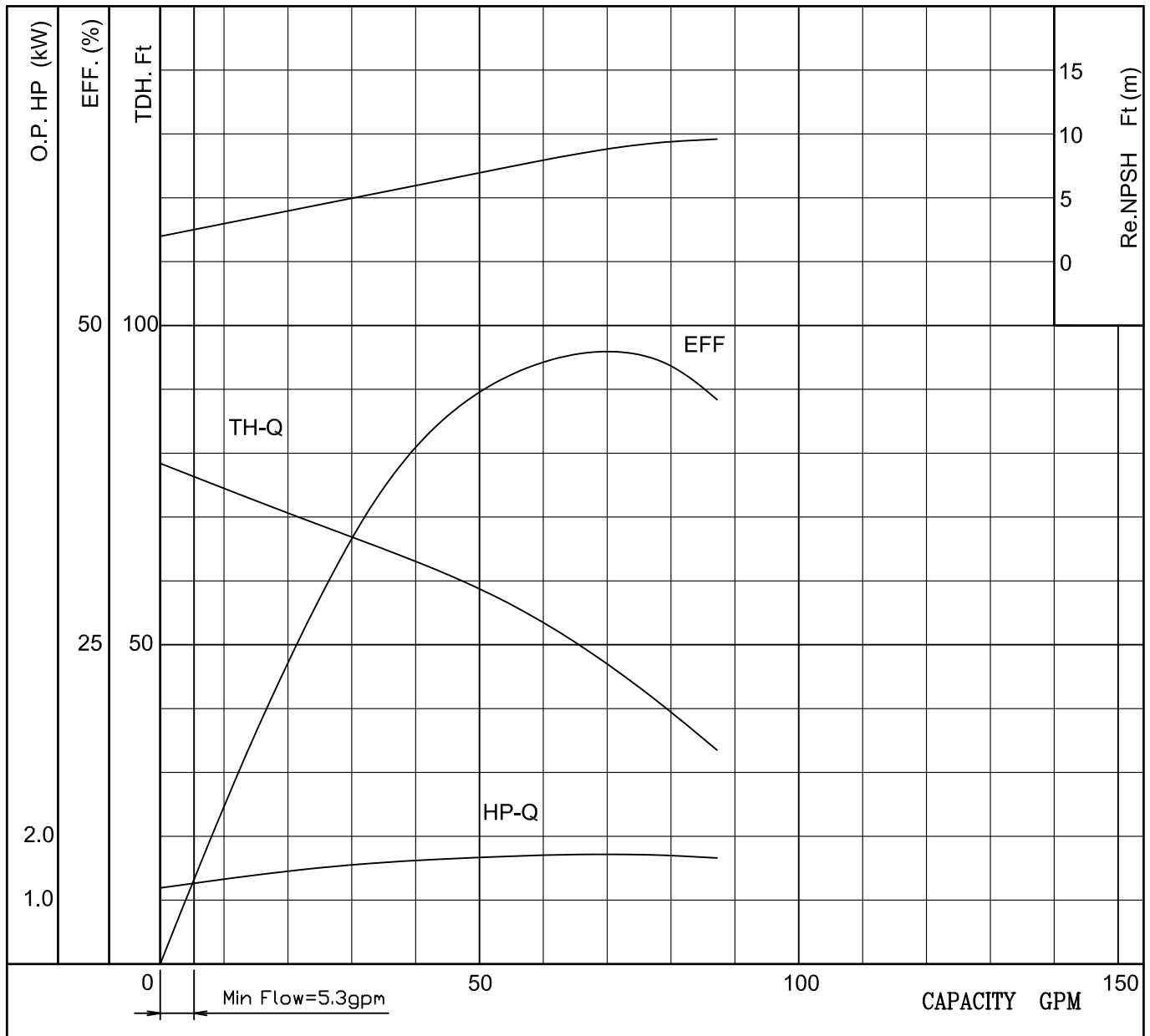
Frequency : 60Hz

Speed : 3490 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	78.4	0.000	0.0	0.89	1.19
2	26.4	68.2	0.339	30.0	1.13	1.52
3	52.8	57.4	0.571	45.6	1.25	1.68
4	79.3	40.0	0.597	47.0	1.27	1.70
5	87.2	33.5	0.549	44.2	1.24	1.66



World Chemical USA, Inc.