

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.24"

**Model: YD-4005GSF1**

**S.G.=1.5**

Discharge : 2.0"/1 1/2"

Max TDH : 107.0 ft.

Max Capacity : 105.7 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184C

Phase : 3

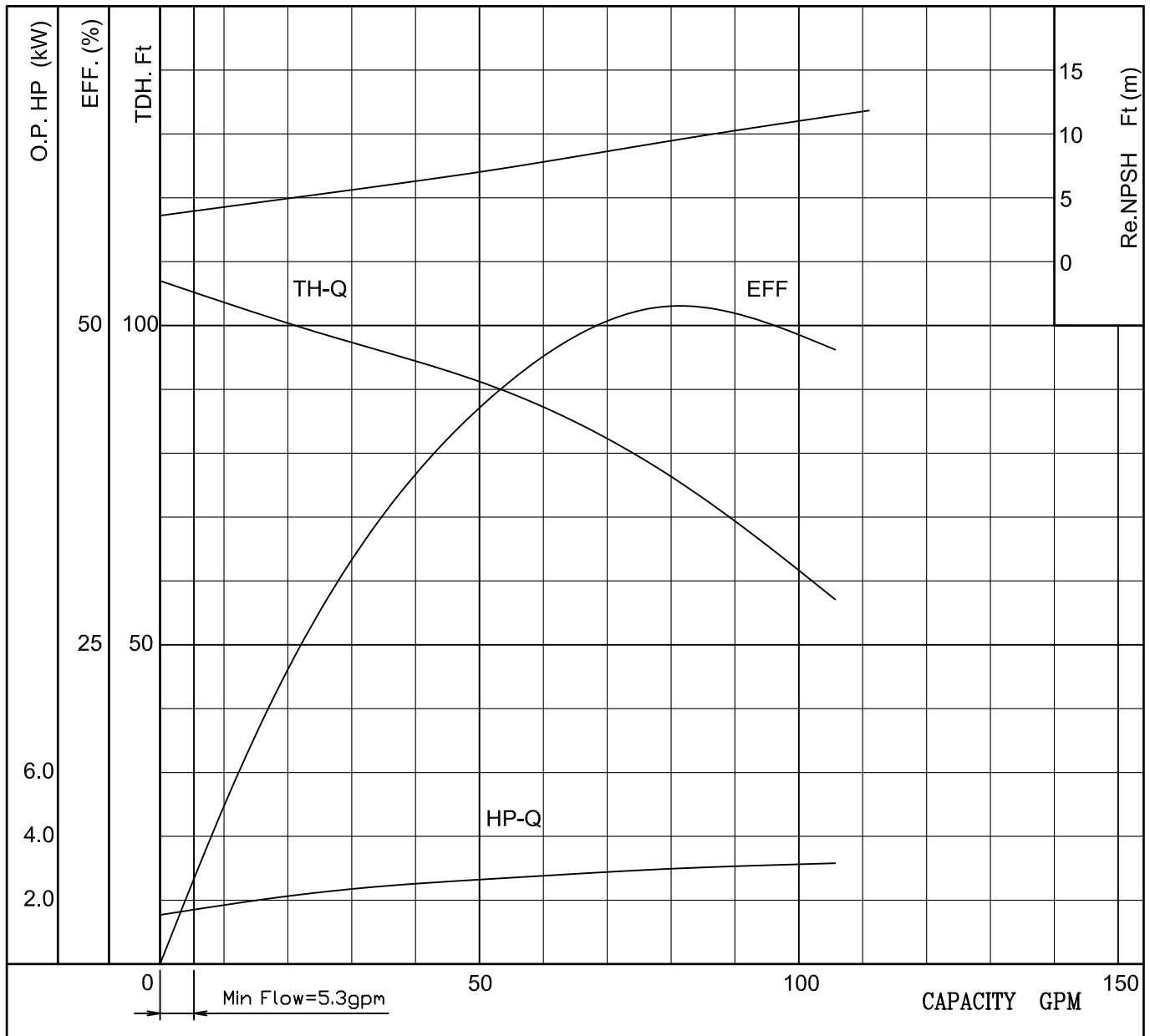
Frequency : 60Hz

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	107.0	0.000	0.0	1.15	1.54
2	26.4	98.4	0.489	28.8	1.70	2.28
3	52.8	90.2	0.897	44.8	2.00	2.68
4	79.3	76.8	1.144	51.5	2.22	2.98
5	105.7	57.1	1.134	48.1	2.36	3.16



World Chemical USA, Inc.