

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.00"

**Model: YD-4003GSF1**

**S.G.=1.2**

Discharge : 2.0"/1 1/2"

Max TDH : 93.8 ft.

Max Capacity : 105.7 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

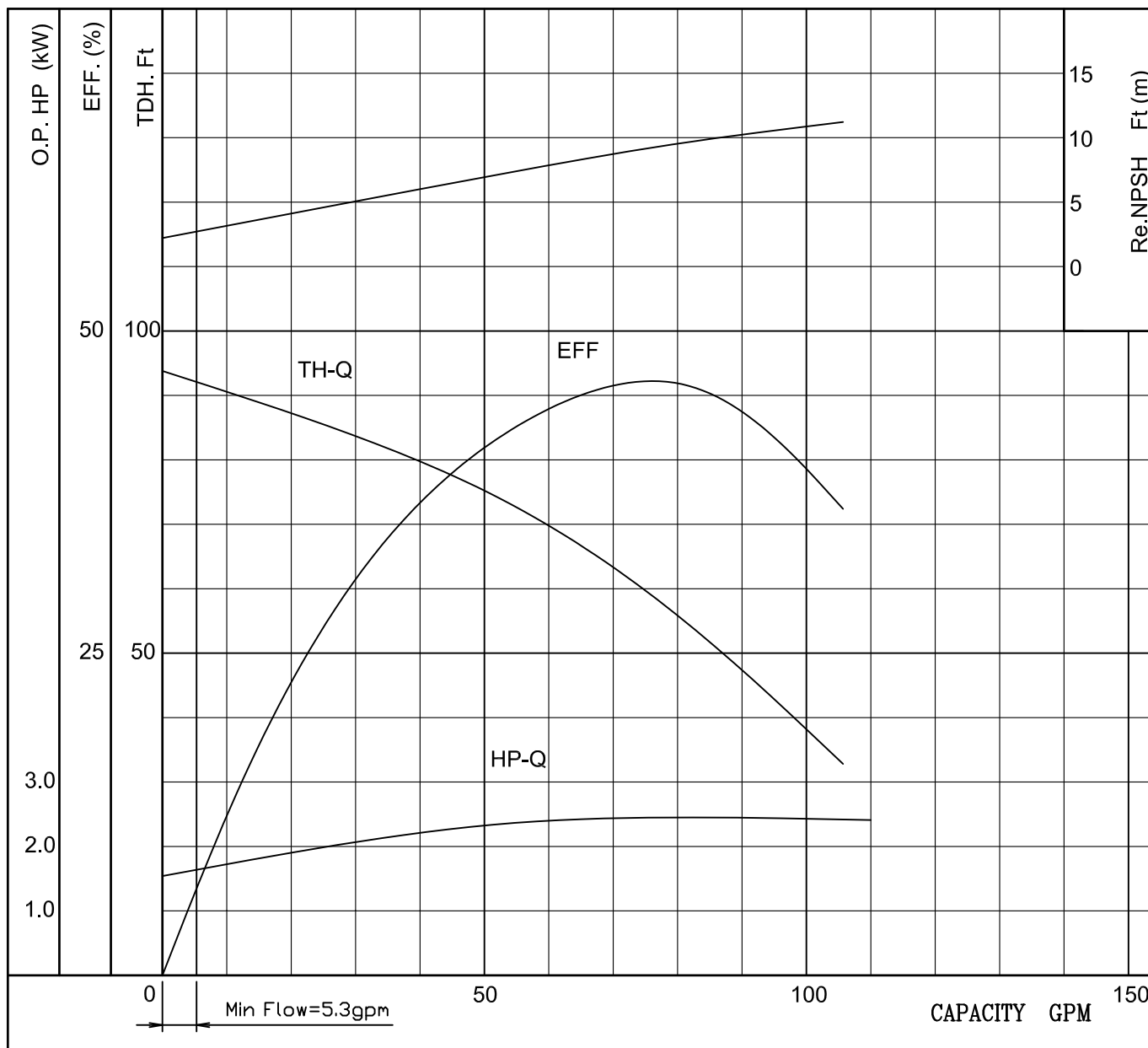
Frequency : 60Hz

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	93.8	0.000	0.0	1.15	1.54
2	26.4	85.0	0.422	28.1	1.50	2.01
3	52.8	73.8	0.734	41.9	1.75	2.35
4	79.3	56.4	0.841	46.0	1.83	2.45
5	105.7	32.8	0.652	36.2	1.80	2.41



World Chemical USA, Inc.