

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.72"

**Model: YD-4003GS1**

**S.G.=1.5**

Discharge : 2.0"/1 1/2"

Max TDH :83.7 ft.

Max Capacity : 116.2 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

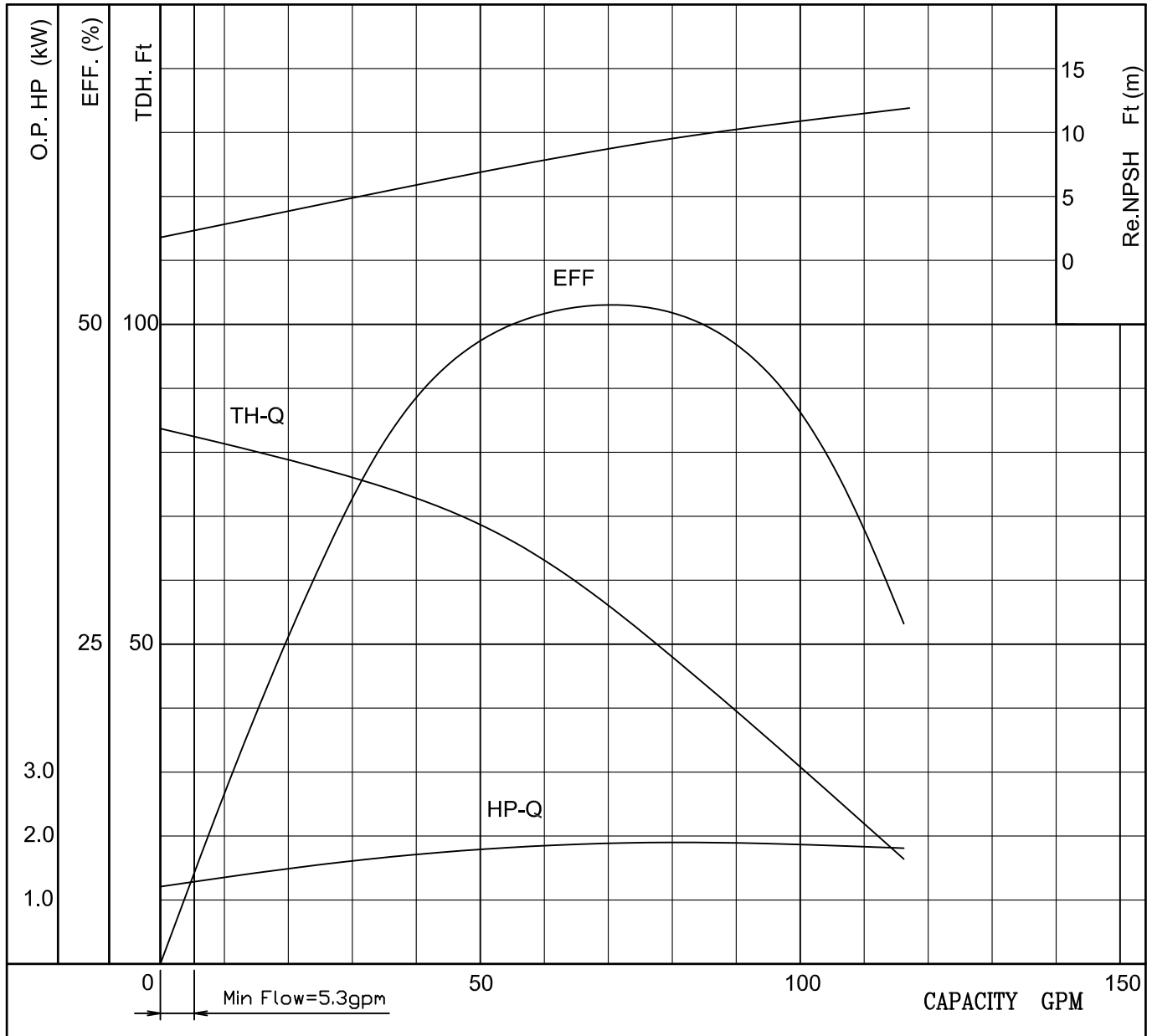
Frequency : 60Hz

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	83.7	0.000	0.0	0.90	1.21
2	26.4	77.1	0.383	32.7	1.17	1.57
3	52.8	67.3	0.668	49.5	1.35	1.81
4	79.3	48.6	0.724	51.0	1.42	1.90
5	116.2	16.4	0.359	26.6	1.35	1.81



World Chemical USA, Inc.