

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-405GS**

IMPELLER DIA. = 5.71"

**S.G.=1.1**

Discharge : 2.0"/1.5"

Max TDH : 131 ft.

Max Capacity : 145.3 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

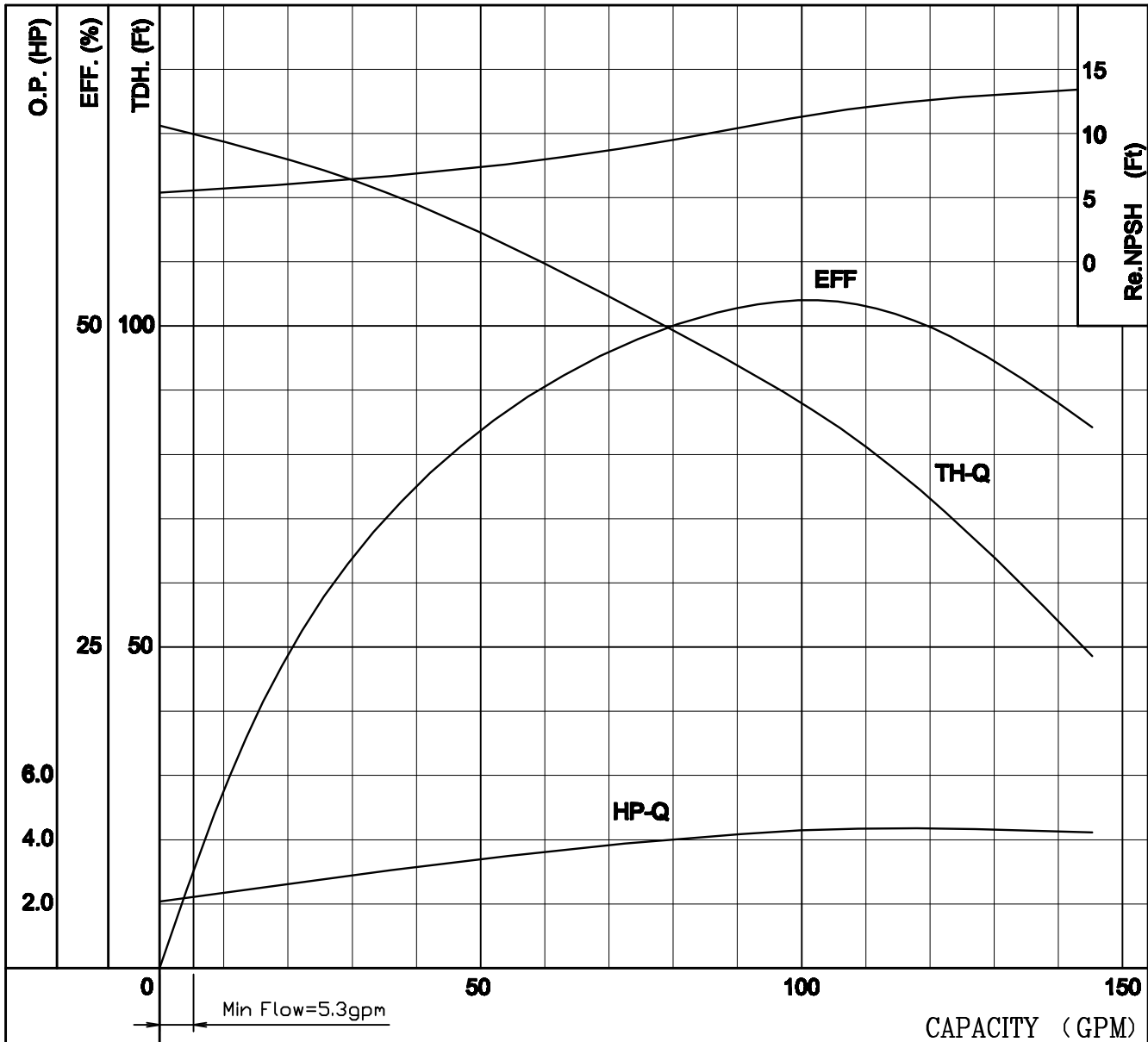
Frequency : 60Hz

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	TDH	Water Power	Efficiency	Output	
	gpm	ft.	kW	%	kW	HP
1	0.0	131.2	0.000	0.0	1.54	2.07
2	30.0	122.8	0.692	31.9	2.17	2.91
3	50.0	114.5	1.075	44.4	2.42	3.25
4	100.0	88.0	1.652	52.0	3.18	4.26
5	145.3	48.6	1.327	42.1	3.15	4.22



**World Chemical USA, Inc.**