

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-252GS**

IMPELLER DIA. = 5.59"

**S.G.=1.0**

Discharge : 1.0"/1.0"

Max TDH : 121 ft.

Max Capacity : 39.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

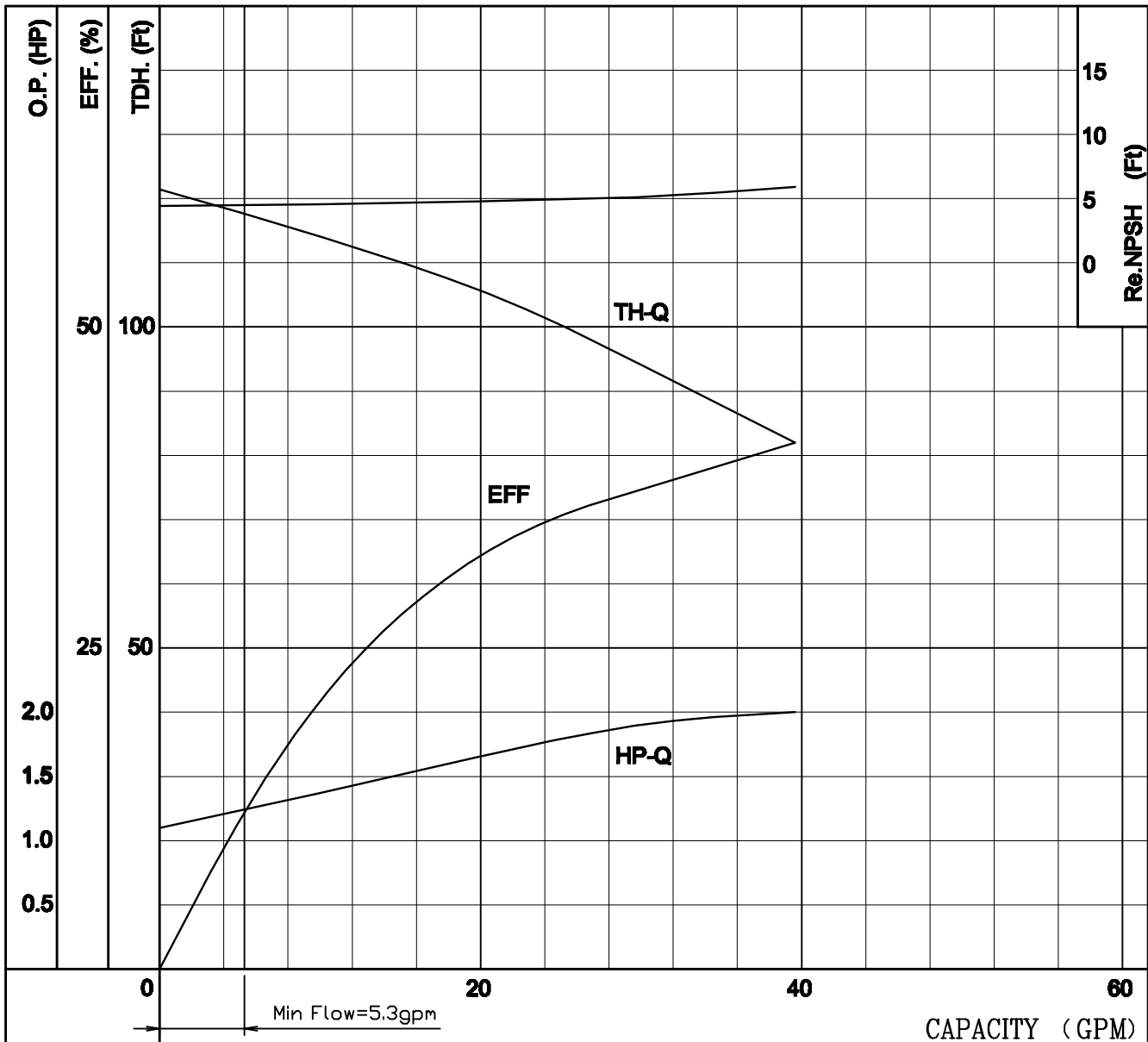
Frequency : 60Hz

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	121.4	0.000	0.0	0.82	1.10
2	10.0	114.1	0.214	20.9	1.02	1.37
3	20.0	105.6	0.397	32.2	1.23	1.65
4	30.0	94.0	0.529	37.4	1.42	1.90
5	39.6	82.0	0.611	41.0	1.49	2.00



**World Chemical USA, Inc.**