

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-253GS**

IMPELLER DIA. = 5.59"

**S.G.=1.5**

Discharge : 1.0"/1.0"

Max TDH : 111 ft.

Max Capacity : 39.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

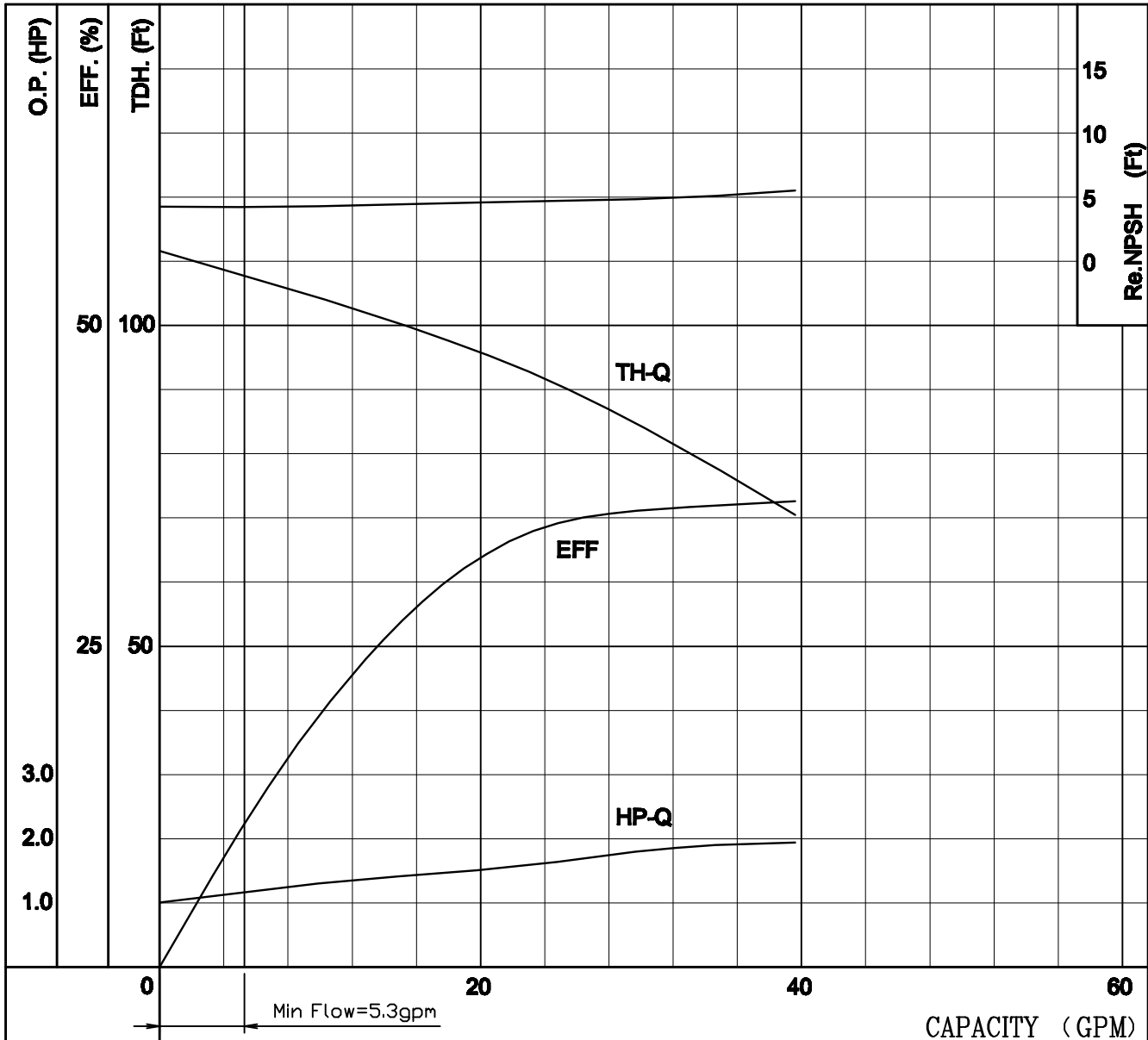
Frequency : 60Hz

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	111.6	0.000	0.0	0.75	1.01
2	10.0	104.2	0.196	19.7	0.99	1.33
3	20.0	95.8	0.360	31.9	1.13	1.51
4	30.0	84.3	0.475	35.6	1.33	1.79
5	39.6	70.5	0.526	36.3	1.45	1.94



**World Chemical USA, Inc.**