

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-252GS**

IMPELLER DIA. = 5.04"

**S.G.=1.5**

Discharge : 1.0"/1.0"

Max TDH : 88 ft.

Max Capacity : 39.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

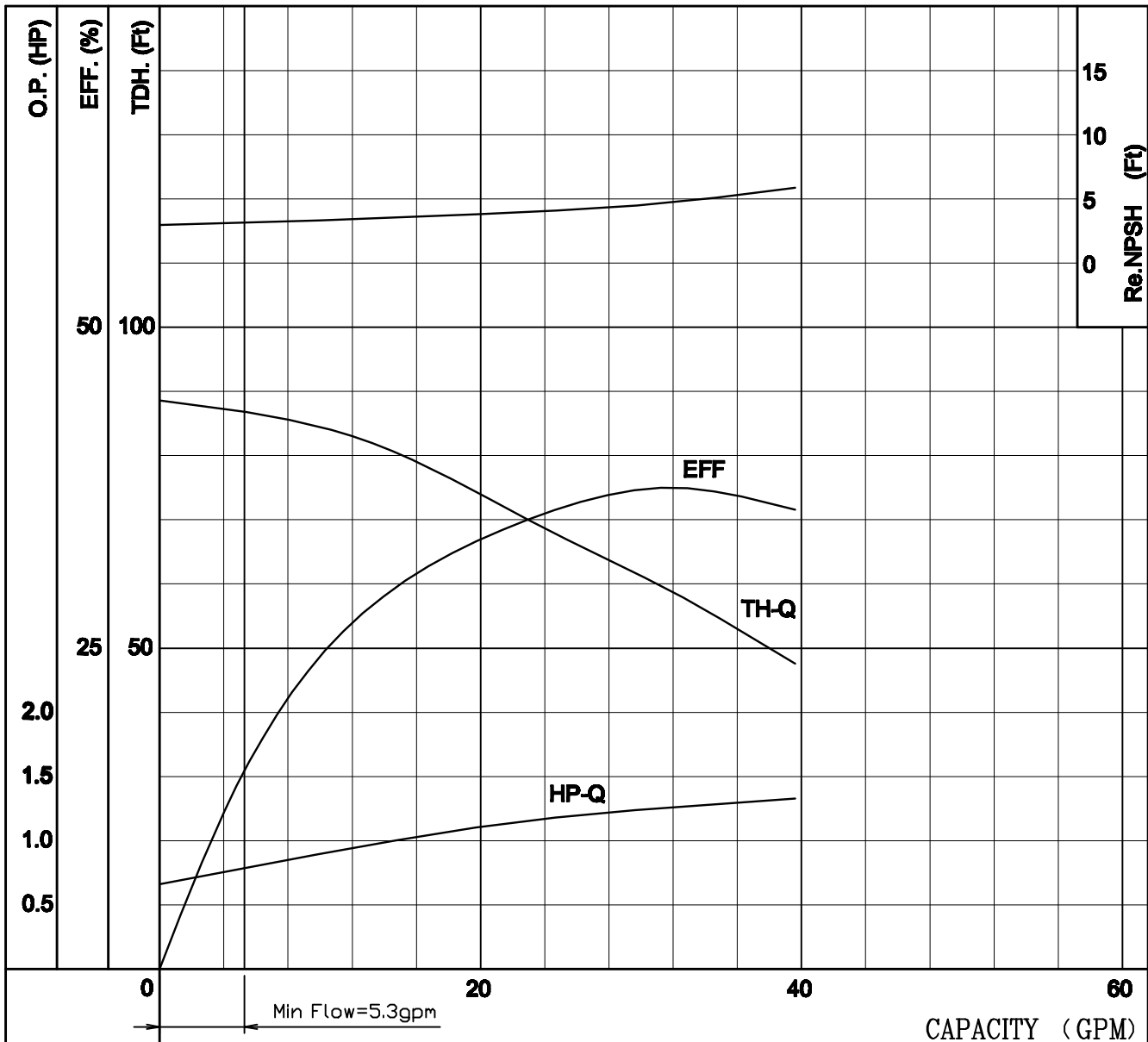
Frequency : 60Hz

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	88.6	0.000	0.0	0.49	0.66
2	10.0	84.4	0.158	24.4	0.65	0.87
3	20.0	74.0	0.278	33.5	0.83	1.11
4	30.0	61.3	0.345	37.4	0.92	1.24
5	39.6	47.6	0.355	35.8	0.99	1.33



**World Chemical USA, Inc.**