

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-401GSF**

IMPELLER DIA. = 3.82"

**S.G.=1.2**

Discharge : 1.5"/1.5"

Max TDH : 58 ft.

Max Capacity : 68.7 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

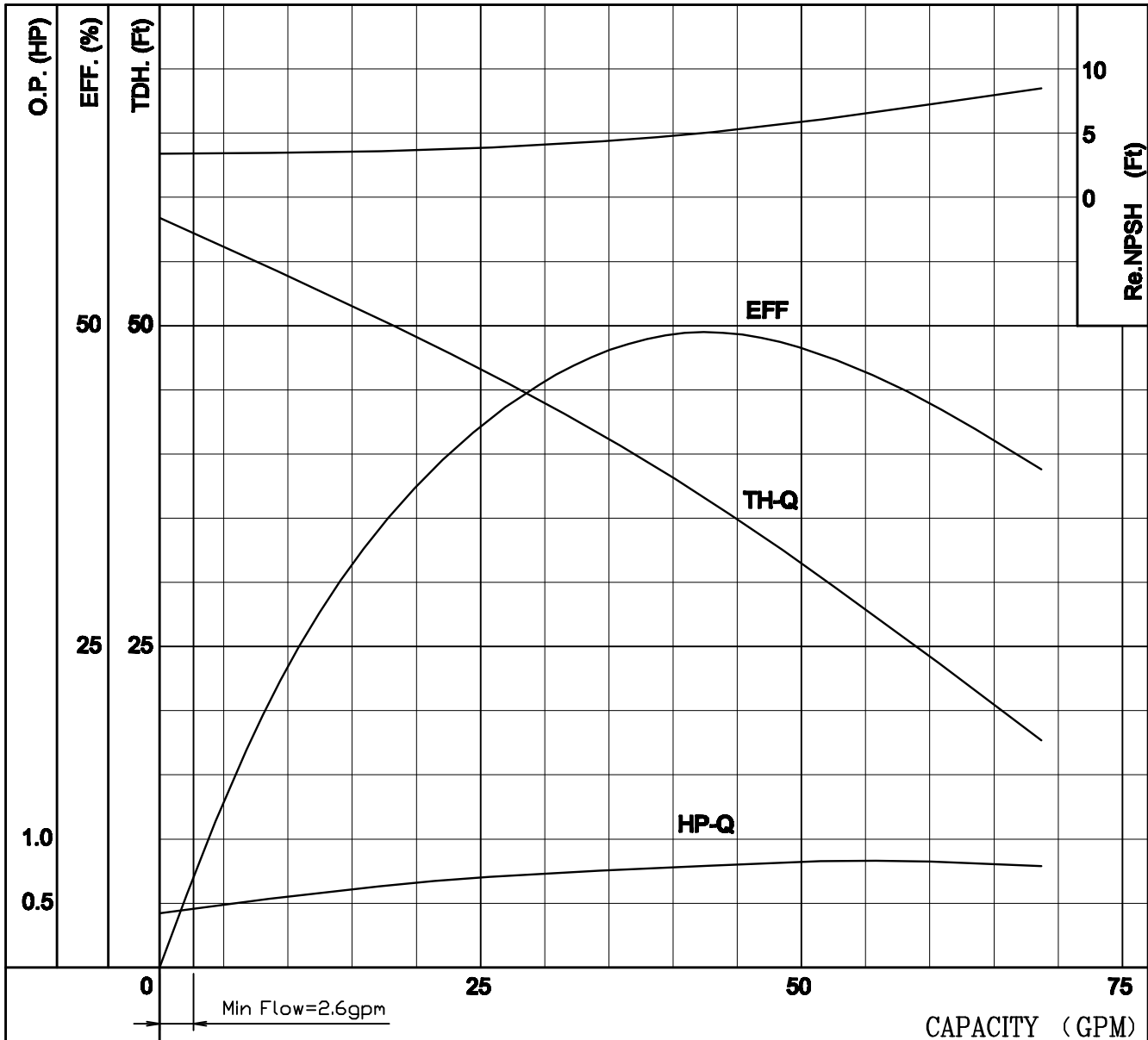
Frequency : 60Hz

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	58.4	0.000	0.0	0.31	0.42
2	20.0	49.1	0.184	37.5	0.49	0.66
3	40.0	38.1	0.286	49.3	0.58	0.78
4	60.0	24.2	0.273	43.9	0.62	0.83
5	68.7	17.7	0.229	38.8	0.59	0.79



**World Chemical USA, Inc.**