

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-400GSF**

IMPELLER DIA. = 2.99"

**S.G.=1.5**

Discharge : 1.5"/1.5"

Max TDH : 32 ft.

Max Capacity : 42.3 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 3/4HP

Motor Frame : S56C

Phase : 3

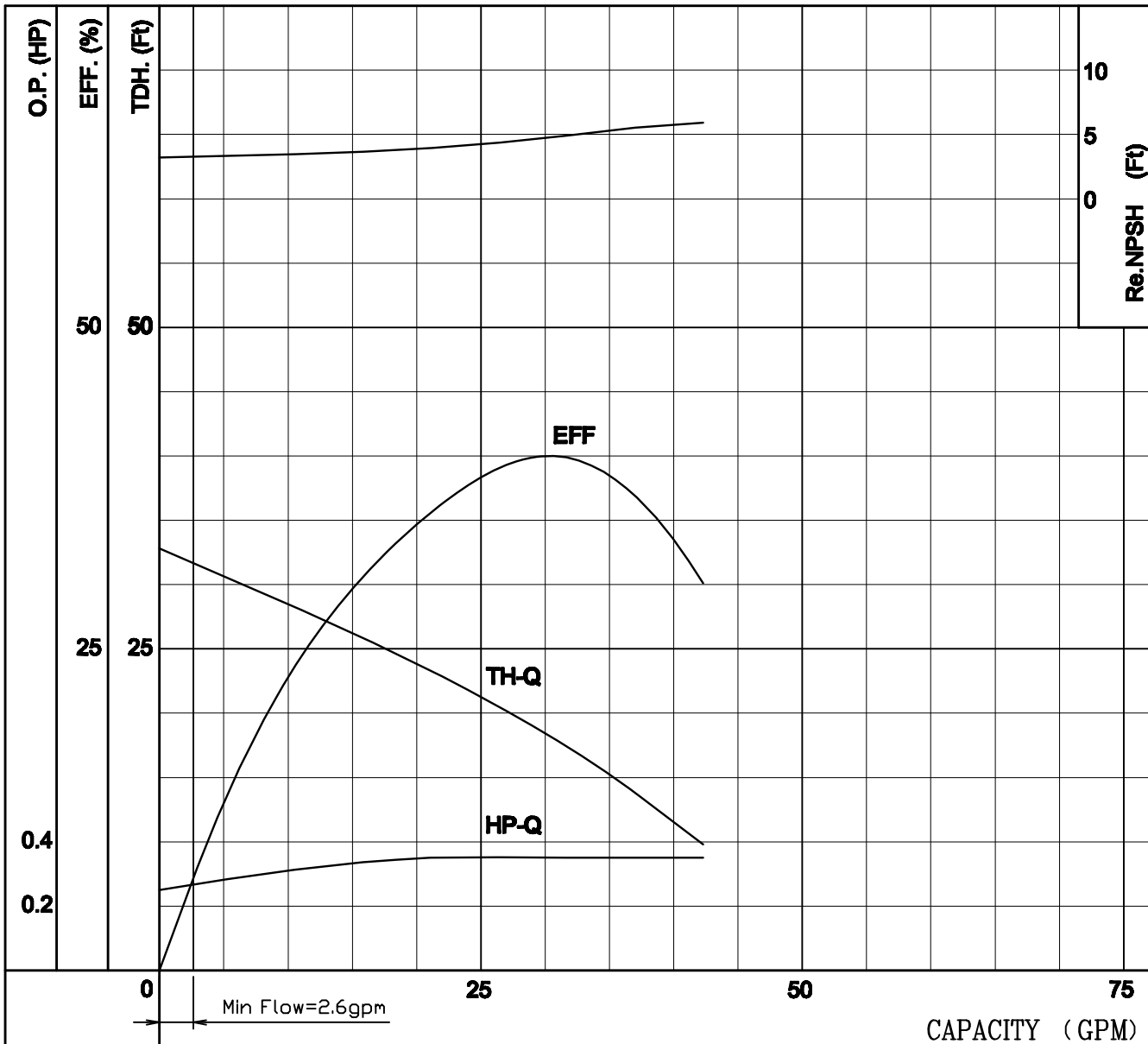
Frequency : 60Hz

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	32.8	0.000	0.0	0.19	0.25
2	10.0	28.5	0.054	22.8	0.24	0.31
3	20.0	23.8	0.089	34.7	0.26	0.35
4	30.0	18.4	0.104	40.0	0.26	0.35
5	42.3	9.8	0.078	30.1	0.26	0.35



**World Chemical USA, Inc.**