

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-402GSF**

IMPELLER DIA. = 3.82"

**S.G.=1.9**

Discharge : 2.0"/1.5"

Max TDH : 59 ft.

Max Capacity : 85.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

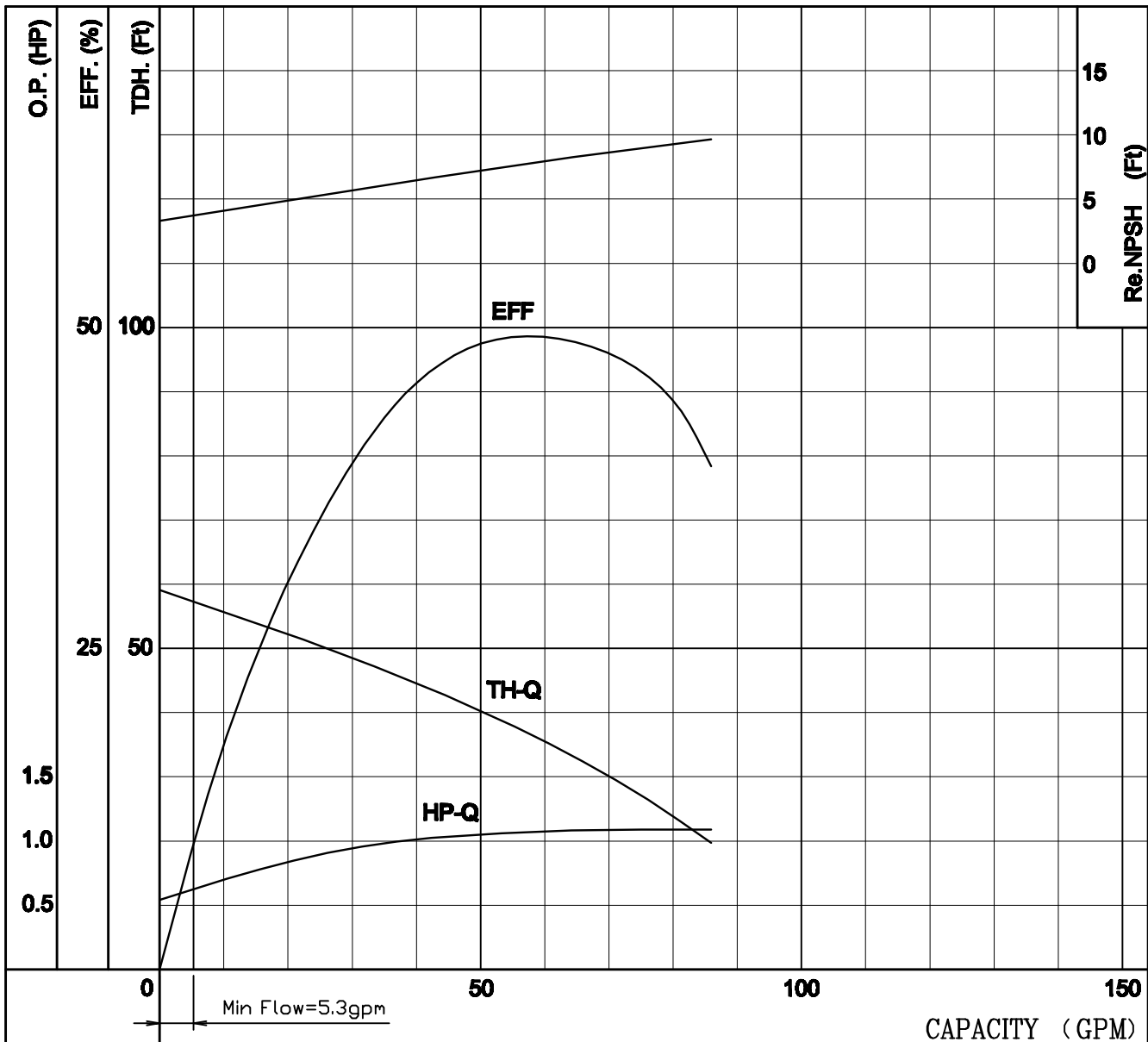
Frequency : 60Hz

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	59.1	0.000	0.0	0.40	0.54
2	25.0	50.4	0.237	35.1	0.67	0.90
3	50.0	40.3	0.378	48.7	0.78	1.04
4	75.0	27.1	0.382	46.6	0.82	1.10
5	85.9	19.7	0.318	39.2	0.81	1.09



**World Chemical USA, Inc.**