

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-250GV**

IMPELLER DIA. = 3.58"x3.23"

**S.G.=1.05**

Discharge : 1.0"/1.0"

Max TDH : 41 ft.

Max Capacity : 31.7 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1/2 HP

Motor Frame : S56C

Phase : 3

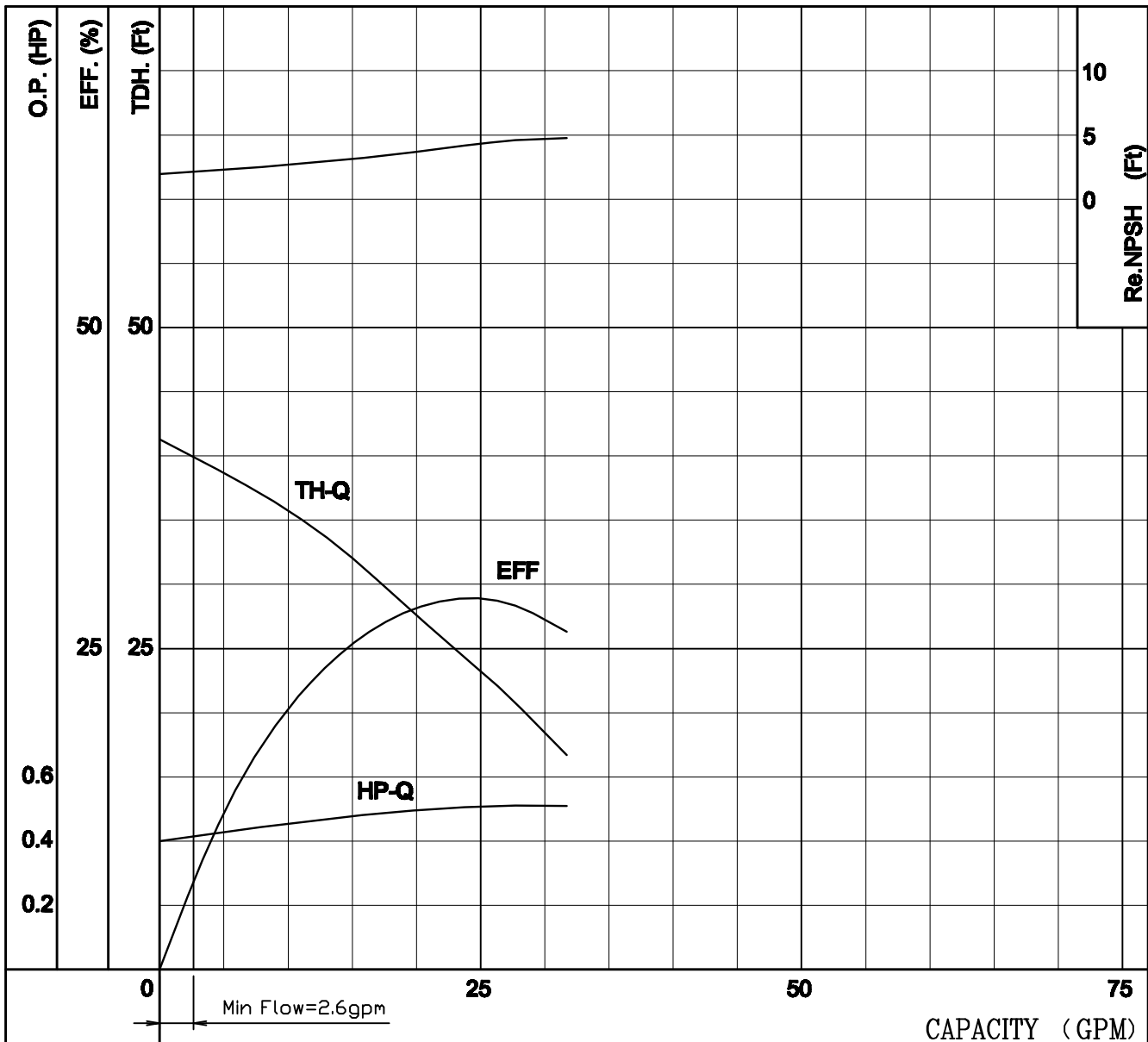
Frequency : 60Hz

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 gpm	TDH ft.	Water Power kW	Efficiency %	kW	HP
1	0.0	41.3	0.000	0.0	0.30	0.40
2	10.0	35.7	0.067	20.3	0.33	0.44
3	15.0	32.0	0.090	25.3	0.36	0.48
4	20.0	27.6	0.104	28.1	0.37	0.49
5	31.7	16.7	0.100	26.3	0.38	0.51



This performance data is based on the end suction operation in pure water (S.G.1.0) at 68 degrees F.



**World Chemical USA, Inc.**