

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-251GV**

IMPELLER DIA. = 3.58"x3.23"

**S.G.=1.8**

Discharge : 1.0"/1.0"

Max TDH : 43 ft.

Max Capacity : 30.4 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

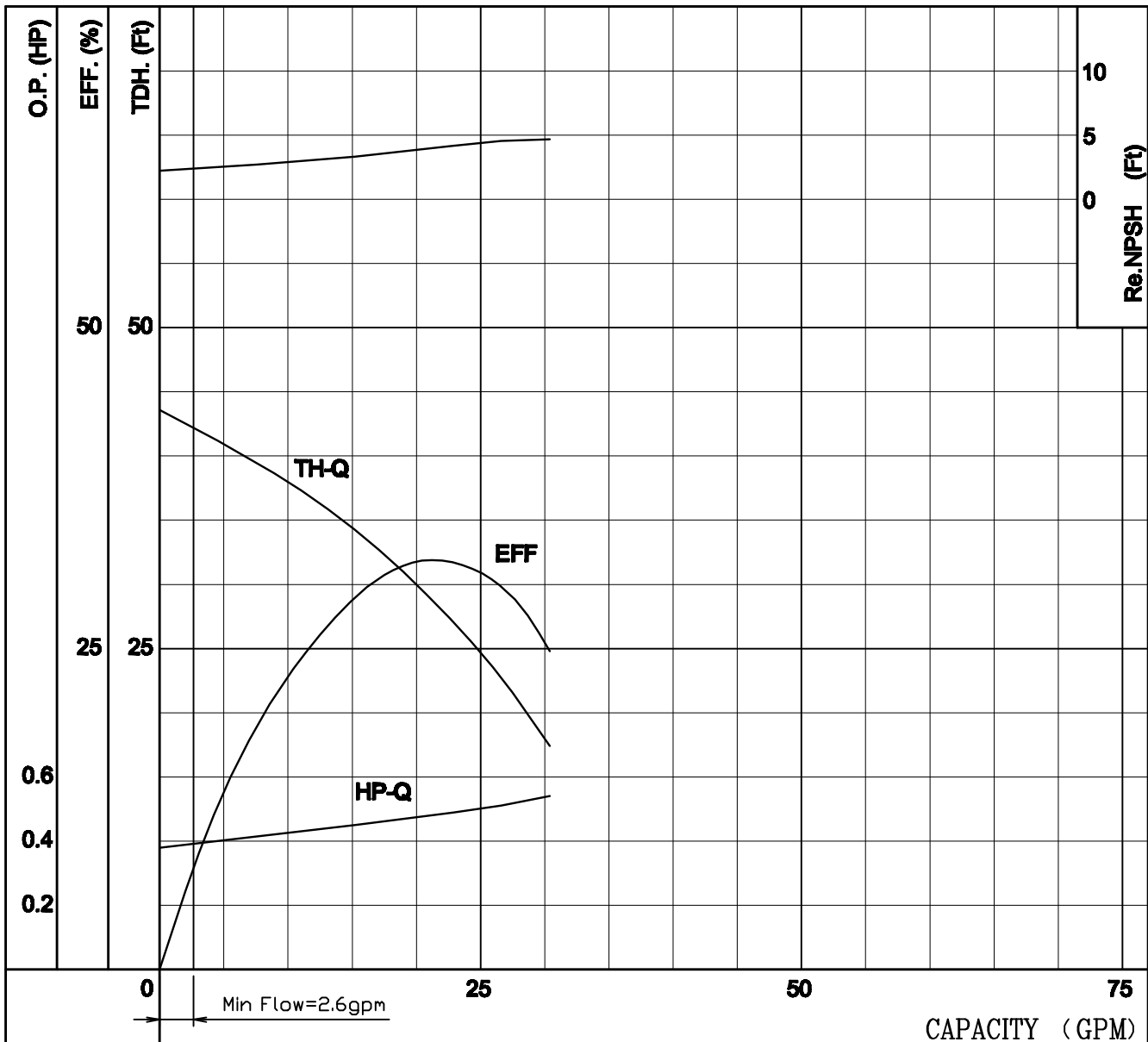
Frequency : 60Hz

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	43.6	0.000	0.0	0.28	0.38
2	10.0	38.0	0.071	22.8	0.31	0.42
3	15.0	34.4	0.097	28.8	0.34	0.45
4	20.0	30.0	0.113	31.8	0.35	0.48
5	30.4	17.4	0.099	24.8	0.40	0.54



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.**