

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-251GVF

IMPELLER DIA. = 4.17"x3.74"

S.G.=1.1

Discharge : 1.0"/1.0"

Max TDH : 62 ft.

Max Capacity : 31.7 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

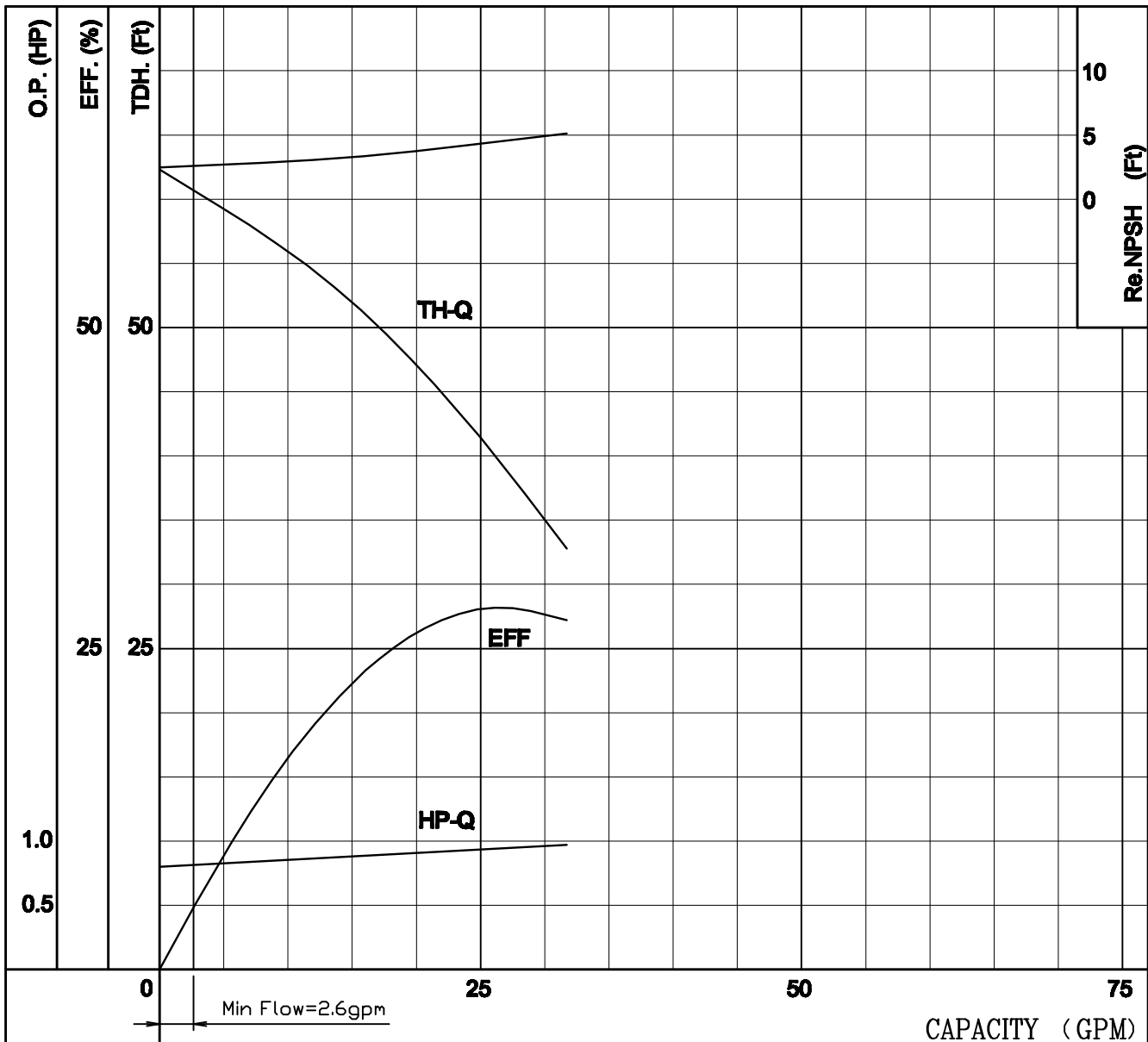
Frequency : 60Hz

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	62.3	0.000	0.0	0.60	0.80
2	5.0	59.2	0.056	8.9	0.62	0.84
3	10.0	55.9	0.105	16.5	0.64	0.85
4	20.0	47.1	0.177	26.2	0.68	0.91
5	31.7	32.8	0.196	27.2	0.72	0.97



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.