

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-251GVF

IMPELLER DIA. = 3.50"x3.15"

S.G.=1.6

Discharge : 1.0"/1.0"

Max TDH : 42 ft.

Max Capacity : 30.4 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

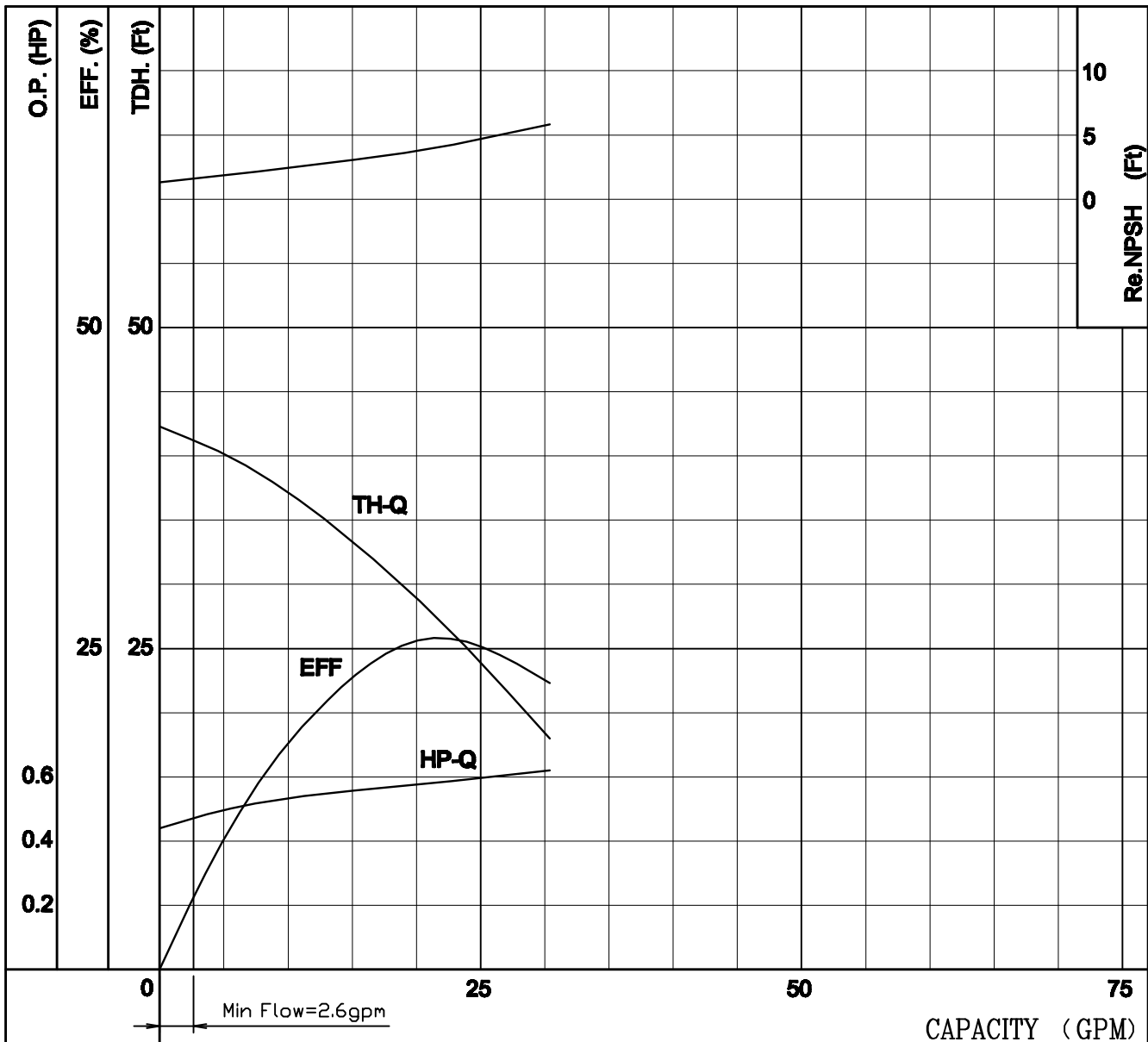
Frequency : 60Hz

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 gpm	TDH ft.	Water Power kW	Efficiency %	Output kW	HP
1	0.0	42.3	0.000	0.0	0.33	0.44
2	5.0	40.1	0.038	10.2	0.37	0.49
3	10.0	37.1	0.070	17.6	0.40	0.53
4	20.0	29.0	0.109	25.6	0.43	0.57
5	30.4	18.0	0.103	22.4	0.46	0.62



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.