

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-401GS

IMPELLER DIA. = 4.21"

S.G.=1.05

Discharge : 1.5"/1.5"

Max TDH : 68 ft.

Max Capacity : 76.6 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

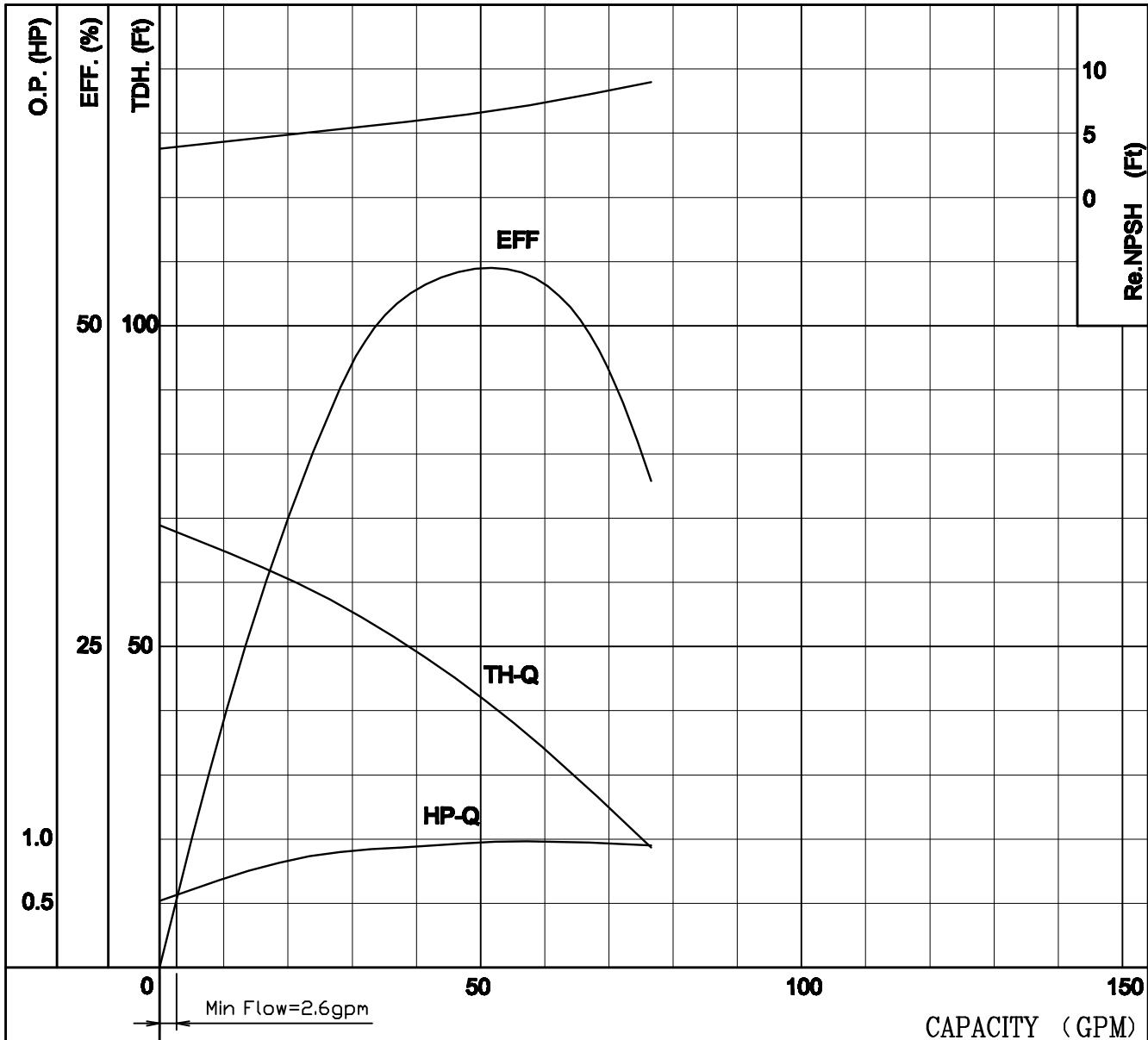
Frequency : 60Hz

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	68.9	0.000	0.0	0.39	0.52
2	20.0	60.6	0.228	35.0	0.65	0.87
3	40.0	49.2	0.369	52.8	0.70	0.94
4	60.0	34.0	0.383	53.2	0.72	0.97
5	76.6	18.7	0.269	37.9	0.71	0.95



World Chemical USA, Inc.