

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.13"

Model: YD-4001GS1

S.G.=1.05

Discharge : 1 1/2"/1 1/2"

Max TDH : 57.4 ft.

Max Capacity : 77.9 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

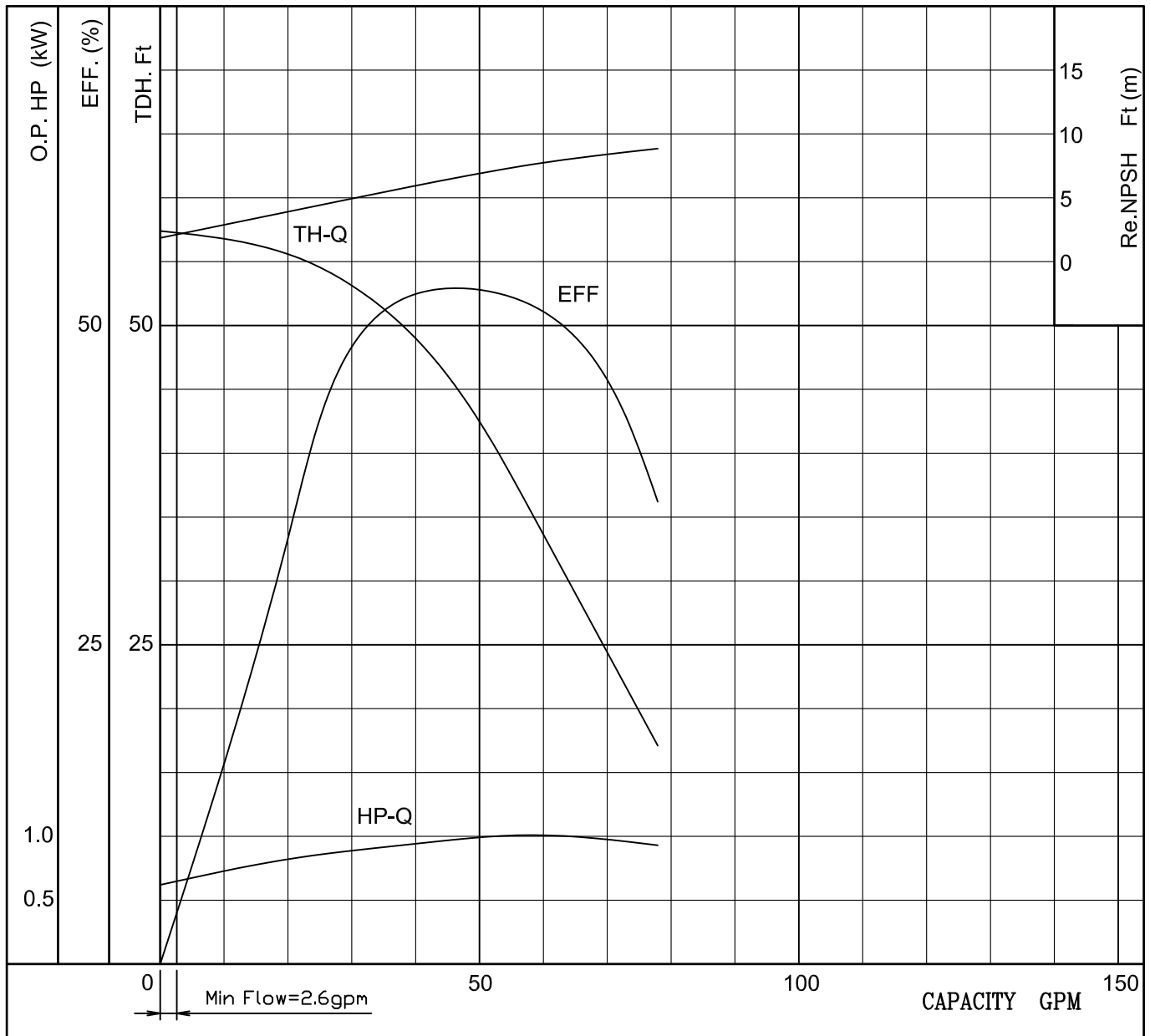
Frequency : 60Hz

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	57.4	0.000	0.0	0.46	0.62
2	21.1	55.4	0.220	35.5	0.62	0.83
3	39.6	49.2	0.367	52.4	0.70	0.94
4	58.1	35.4	0.387	51.6	0.75	1.01
5	77.9	17.1	0.250	36.2	0.69	0.93



World Chemical USA, Inc.