

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.96"

Model: YD-4003GS1

S.G.=1.3

Discharge : 2.0"/1 1/2"

Max TDH : 96.5 ft.

Max Capacity : 113.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

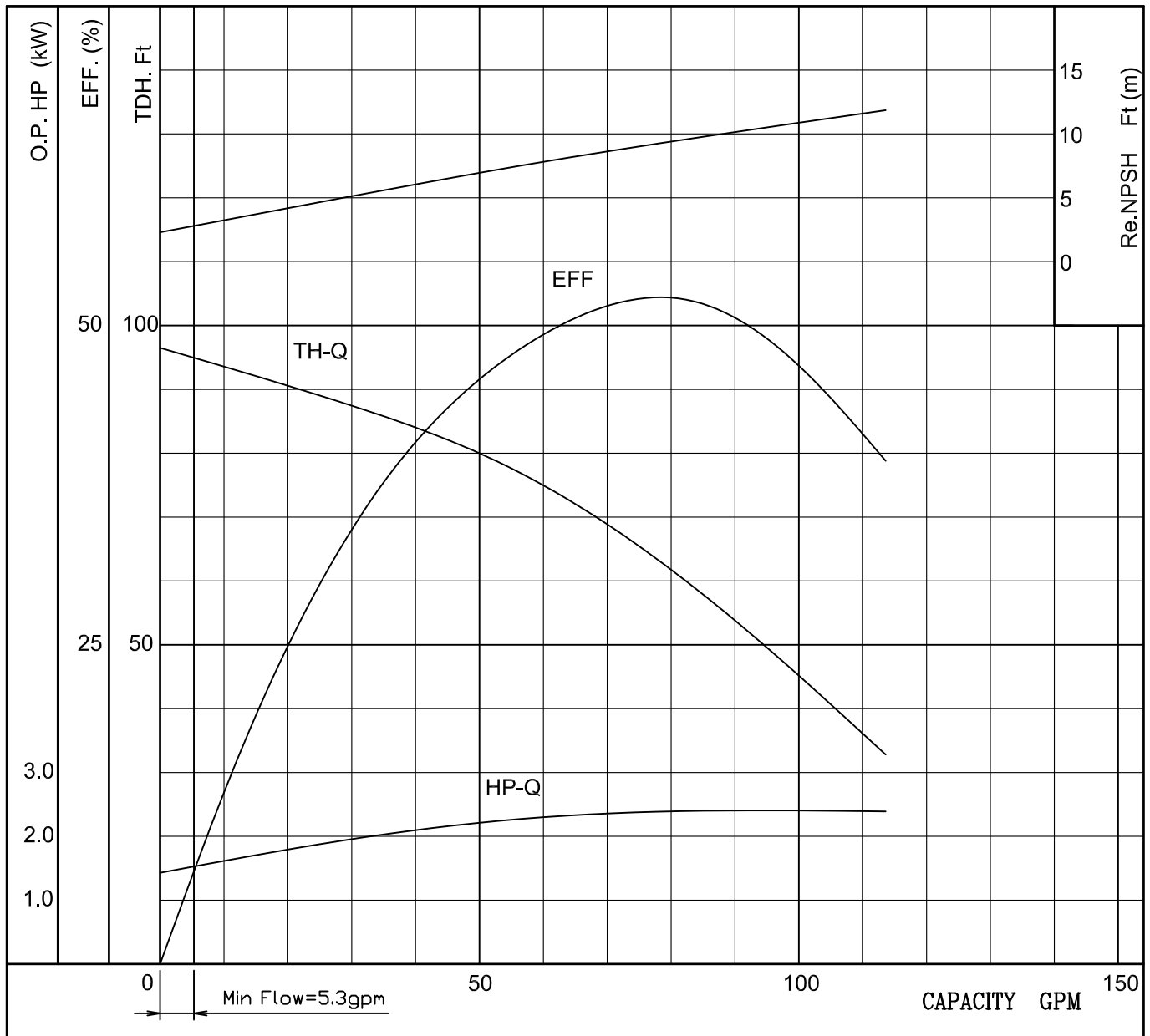
Frequency : 60Hz

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	96.5	0.000	0.0	1.07	1.43
2	26.4	88.6	0.440	31.0	1.42	1.90
3	52.8	78.7	0.782	46.9	1.67	2.24
4	79.3	62.3	0.929	52.2	1.78	2.39
5	113.6	32.8	0.701	39.4	1.78	2.39



World Chemical USA, Inc.