

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.43"

Model: YD-4005GSF1

S.G.=1.2

Discharge : 2.0"/1 1/2"

Max TDH : 114.8 ft.

Max Capacity : 111.0 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184C

Phase : 3

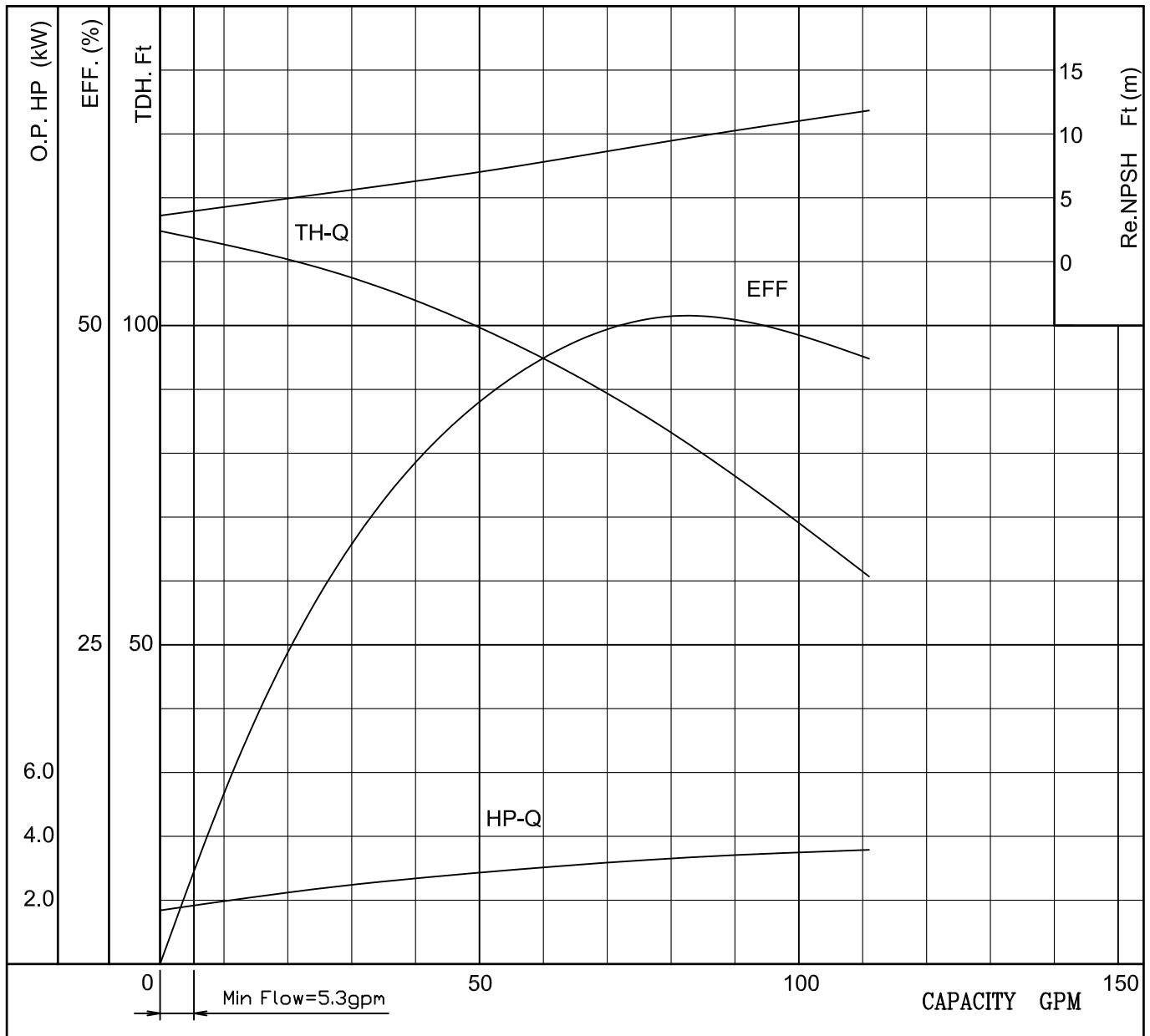
Frequency : 60Hz

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	114.8	0.000	0.0	1.25	1.68
2	26.4	108.6	0.540	30.1	1.79	2.40
3	52.8	98.4	0.978	45.1	2.17	2.91
4	79.3	83.7	1.247	50.7	2.46	3.30
5	111.0	60.7	1.267	47.4	2.67	3.58



World Chemical USA, Inc.