

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.47"

Model: YD-4005GS1

S.G.=1.3

Discharge : 2.0"/1 1/2"

Max TDH :120.1 ft.

Max Capacity : 118.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184C

Phase : 3

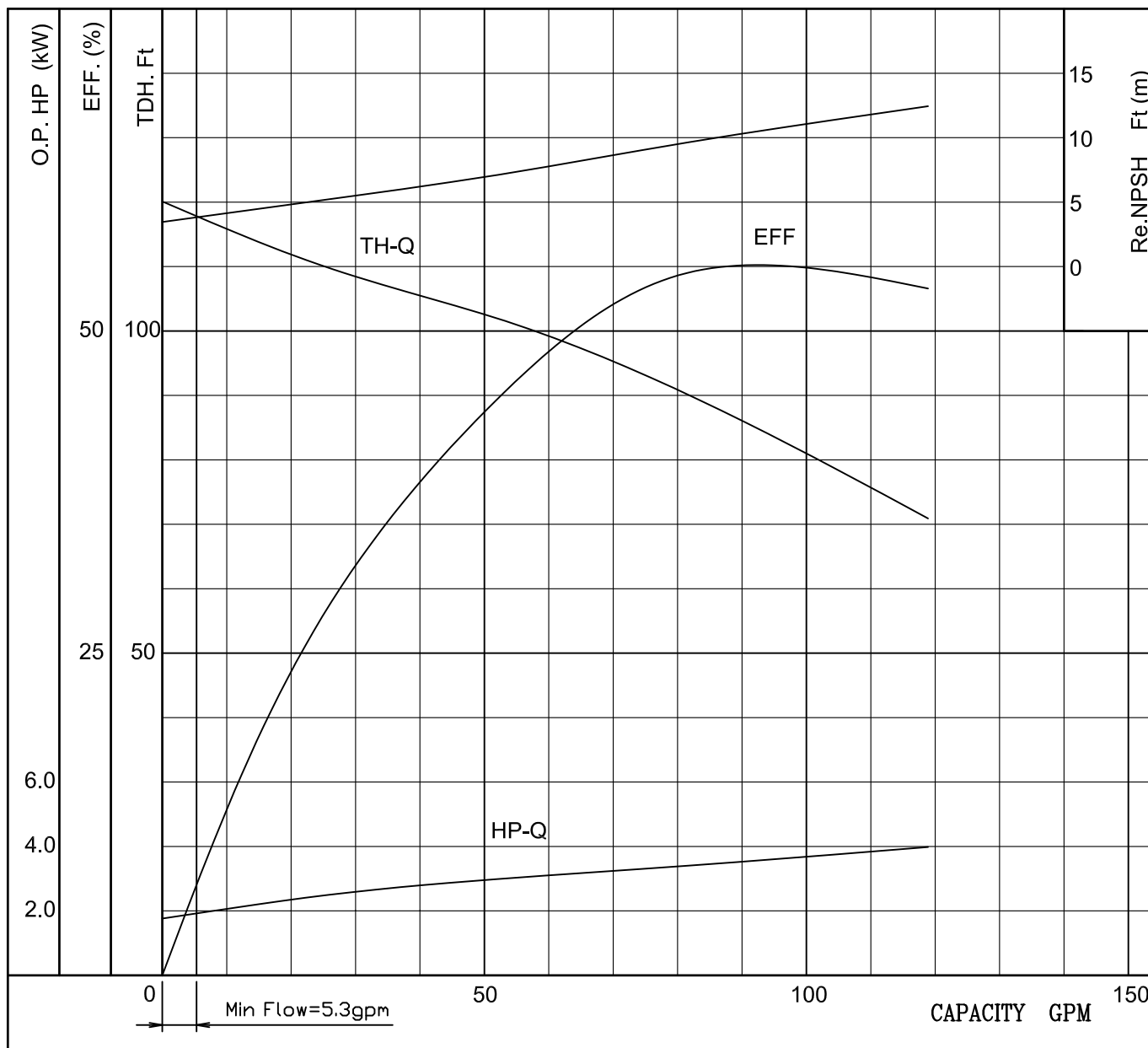
Frequency : 60Hz

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	120.1	0.000	0.0	1.31	1.76
2	26.4	109.6	0.544	29.1	1.87	2.51
3	52.8	101.7	1.011	45.1	2.24	3.00
4	79.3	91.2	1.359	54.2	2.51	3.37
5	118.9	70.9	1.584	53.3	2.97	3.98



World Chemical USA, Inc.