

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.83"

Model: YD-4005GS1

S.G.=1.1

Discharge : 2.0"/1 1/2"

Max TDH :129.6 ft.

Max Capacity : 118.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184C

Phase : 3

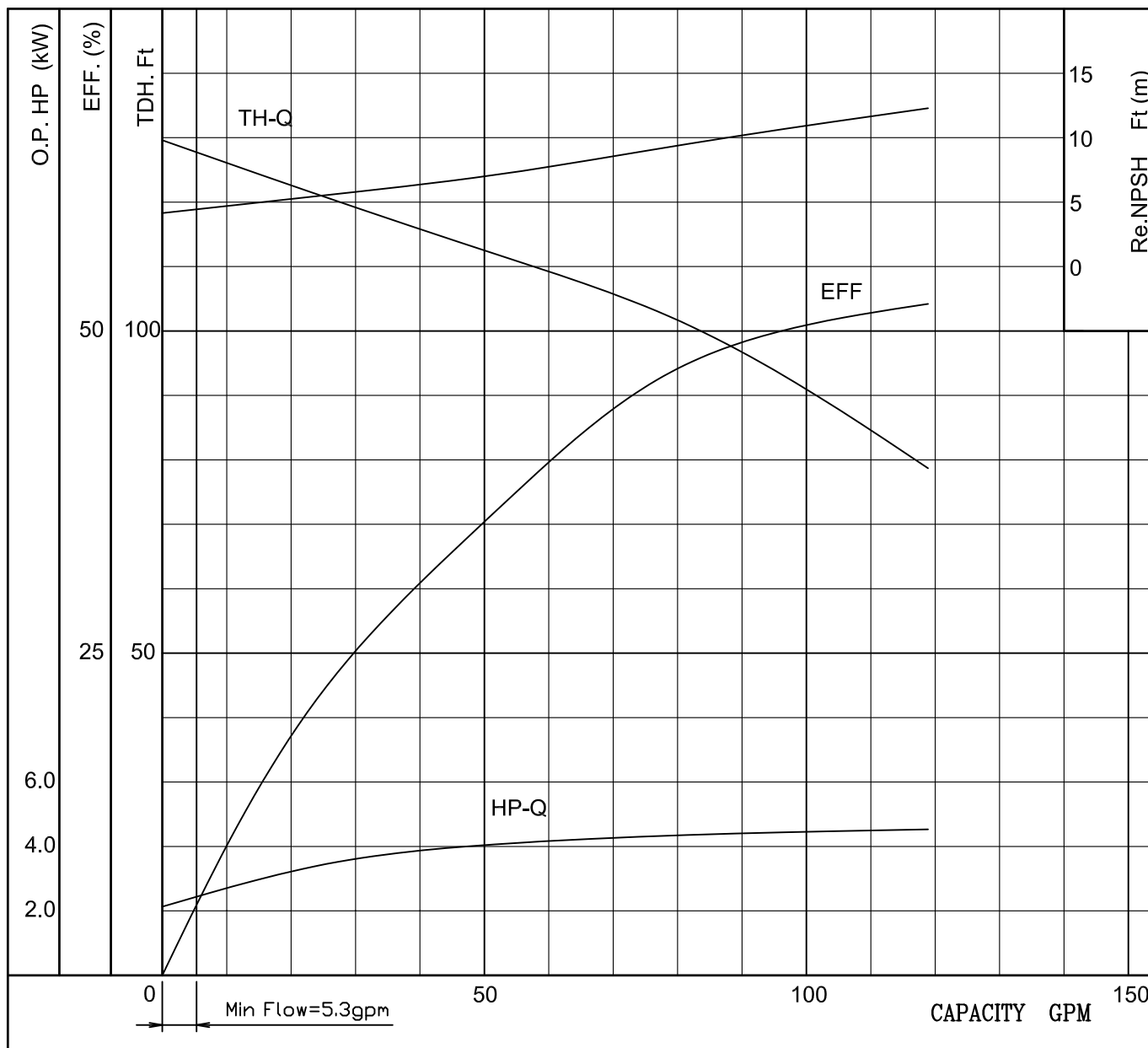
Frequency : 60Hz

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	129.6	0.000	0.0	1.59	2.13
2	26.4	120.4	0.598	23.0	2.60	3.49
3	52.8	111.6	1.108	36.5	3.04	4.08
4	79.3	102.0	1.521	46.9	3.24	4.34
5	118.9	78.7	1.760	52.1	3.38	4.53



World Chemical USA, Inc.