

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.13"

Model: YD-4002GS1

S.G.=1.5

Discharge : 2.0"/1 1/2"

Max TDH : 70.2 ft.

Max Capacity : 87.2 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

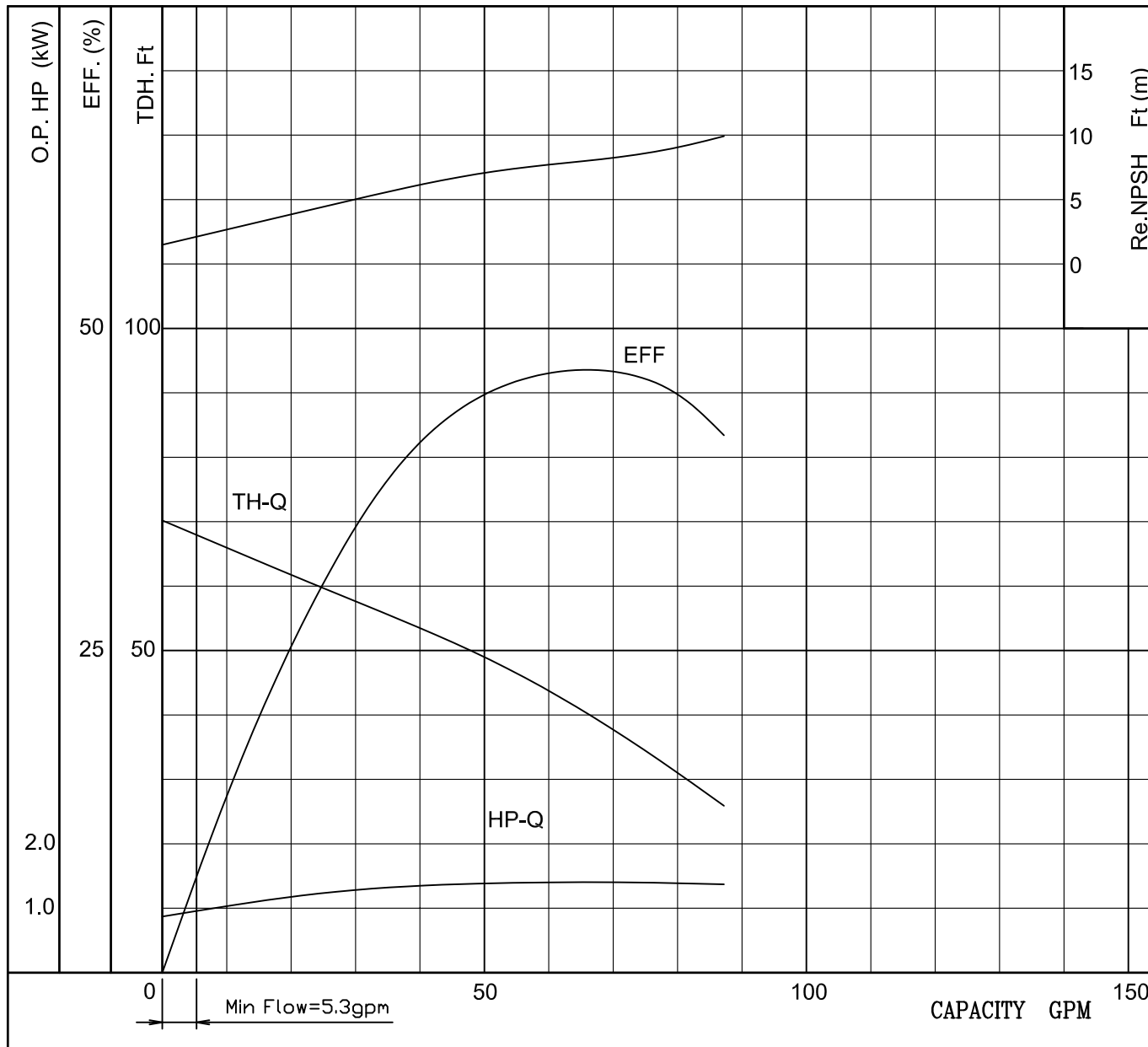
Frequency : 60Hz

Speed : 3490 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	70.2	0.000	0.0	0.65	0.87
2	26.4	59.1	0.293	31.5	0.93	1.25
3	52.8	47.6	0.473	45.5	1.04	1.39
4	79.3	31.5	0.469	45.1	1.04	1.39
5	87.2	25.9	0.425	41.7	1.02	1.37



World Chemical USA, Inc.