

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.65"

Model: YD-4002GS1

S.G.=1.1

Discharge : 2.0"/1 1/2"

Max TDH : 84.3 ft.

Max Capacity : 100.4 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

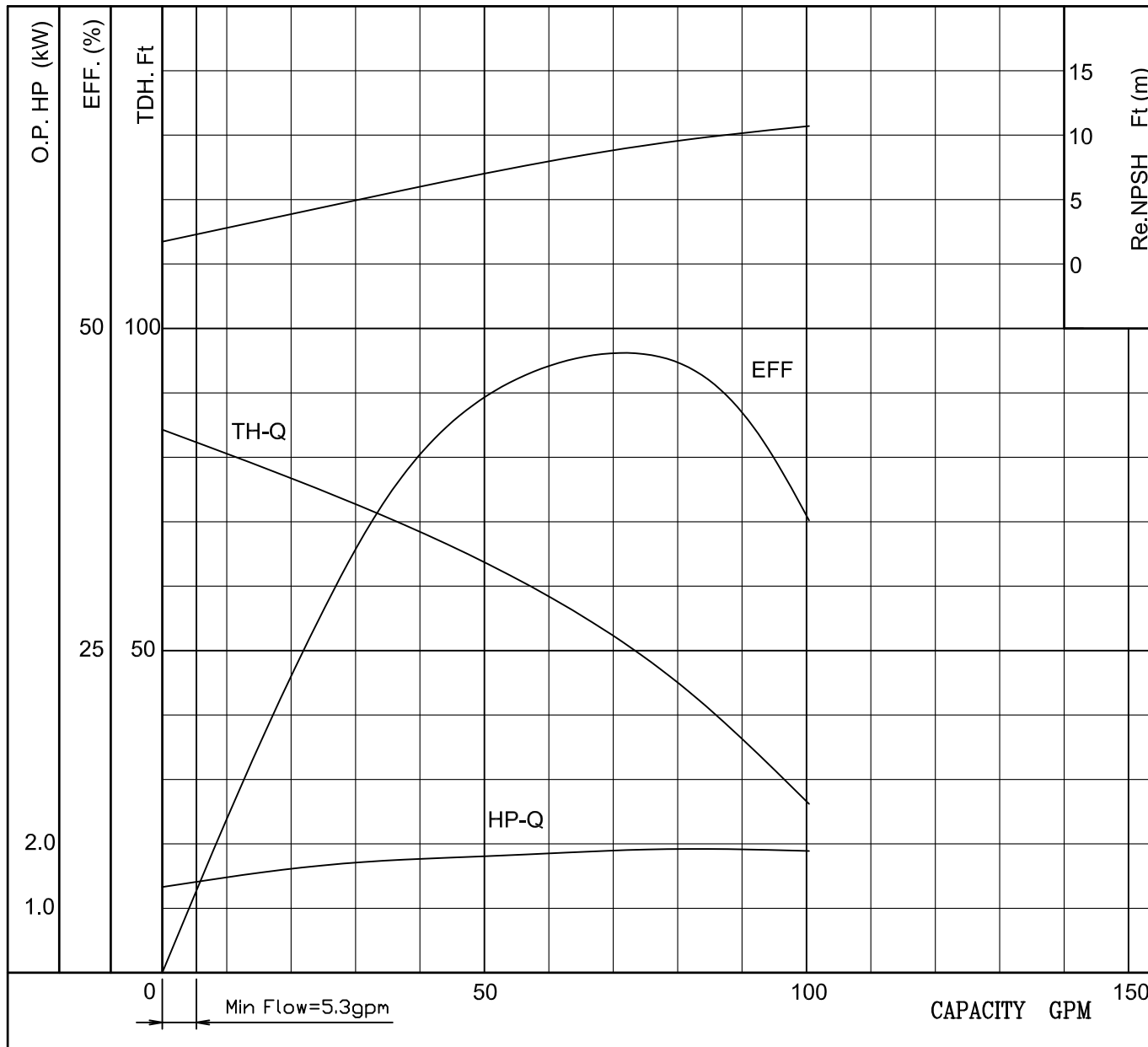
Frequency : 60Hz

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	84.3	0.000	0.0	0.99	1.33
2	26.4	74.2	0.368	29.5	1.25	1.68
3	52.8	62.3	0.619	45.5	1.36	1.82
4	79.3	45.6	0.680	47.5	1.43	1.92
5	100.4	26.2	0.496	35.1	1.41	1.89



World Chemical USA, Inc.