

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.92"

Model: YD-4005GSF1

S.G.=1.9

Discharge : 2.0"/1 1/2"

Max TDH :92.9 ft.

Max Capacity : 105.7 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184C

Phase : 3

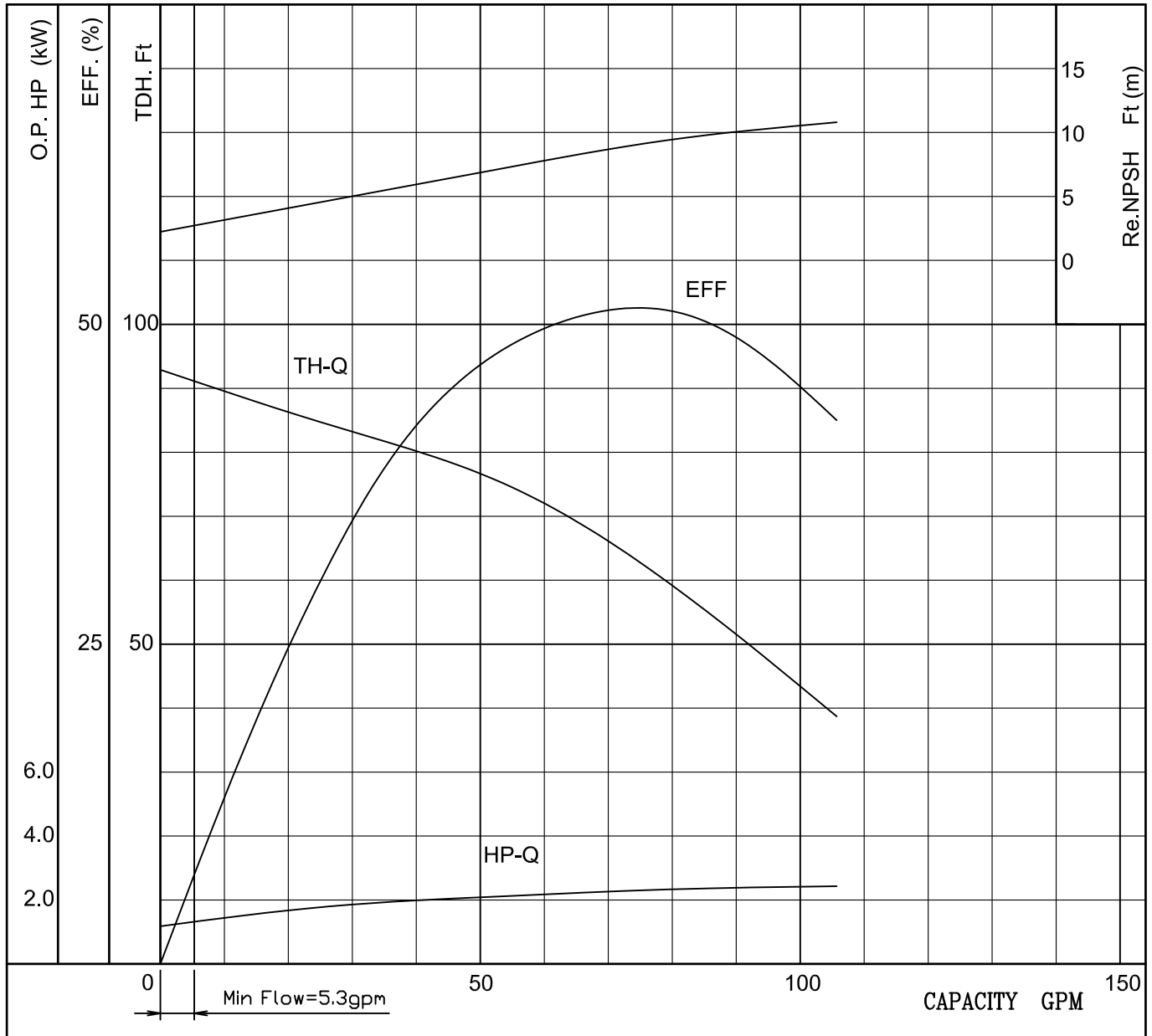
Frequency : 60Hz

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	92.9	0.000	0.0	0.88	1.18
2	26.4	84.3	0.419	31.3	1.34	1.80
3	52.8	75.5	0.750	47.8	1.57	2.11
4	79.3	59.7	0.890	51.1	1.74	2.33
5	105.7	38.7	0.769	42.5	1.81	2.43



World Chemical USA, Inc.