

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.35"

Model: YD-4005GS1

S.G.=1.5

Discharge : 2.0"/1 1/2"

Max TDH : 108.6 ft.

Max Capacity : 118.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184C

Phase : 3

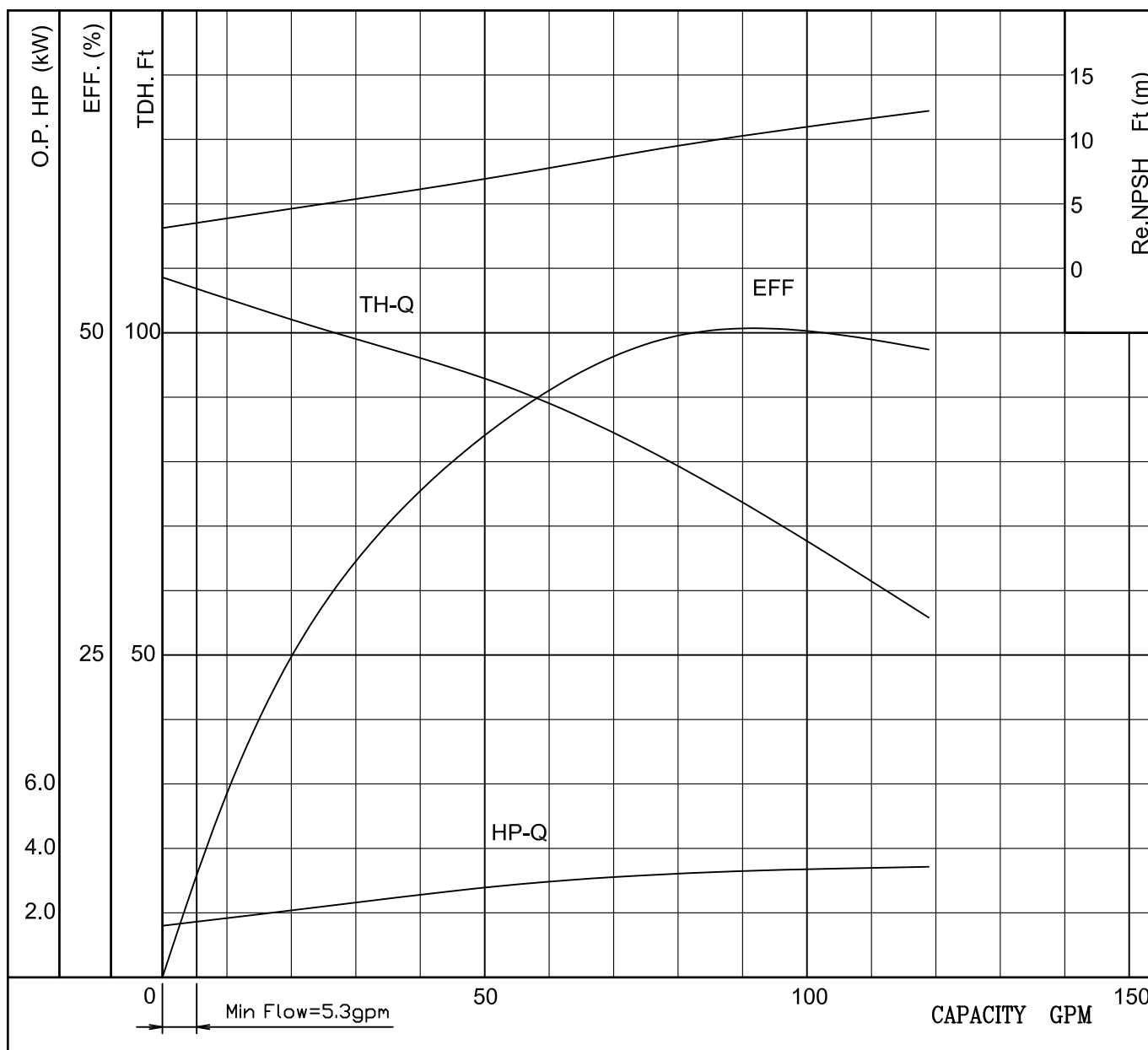
Frequency : 60Hz

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	108.6	0.000	0.0	1.19	1.60
2	26.4	100.1	0.497	29.9	1.66	2.23
3	52.8	91.9	0.913	43.1	2.12	2.84
4	79.3	79.7	1.188	49.7	2.39	3.21
5	118.9	55.8	1.247	48.7	2.56	3.43



World Chemical USA, Inc.