

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-505GV

IMPELLER DIA. = 5.51"×5.08"

S.G.=1.2

Discharge : 2.0"/2.0"

Max TDH : 115 ft.

Max Capacity : 130.8 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

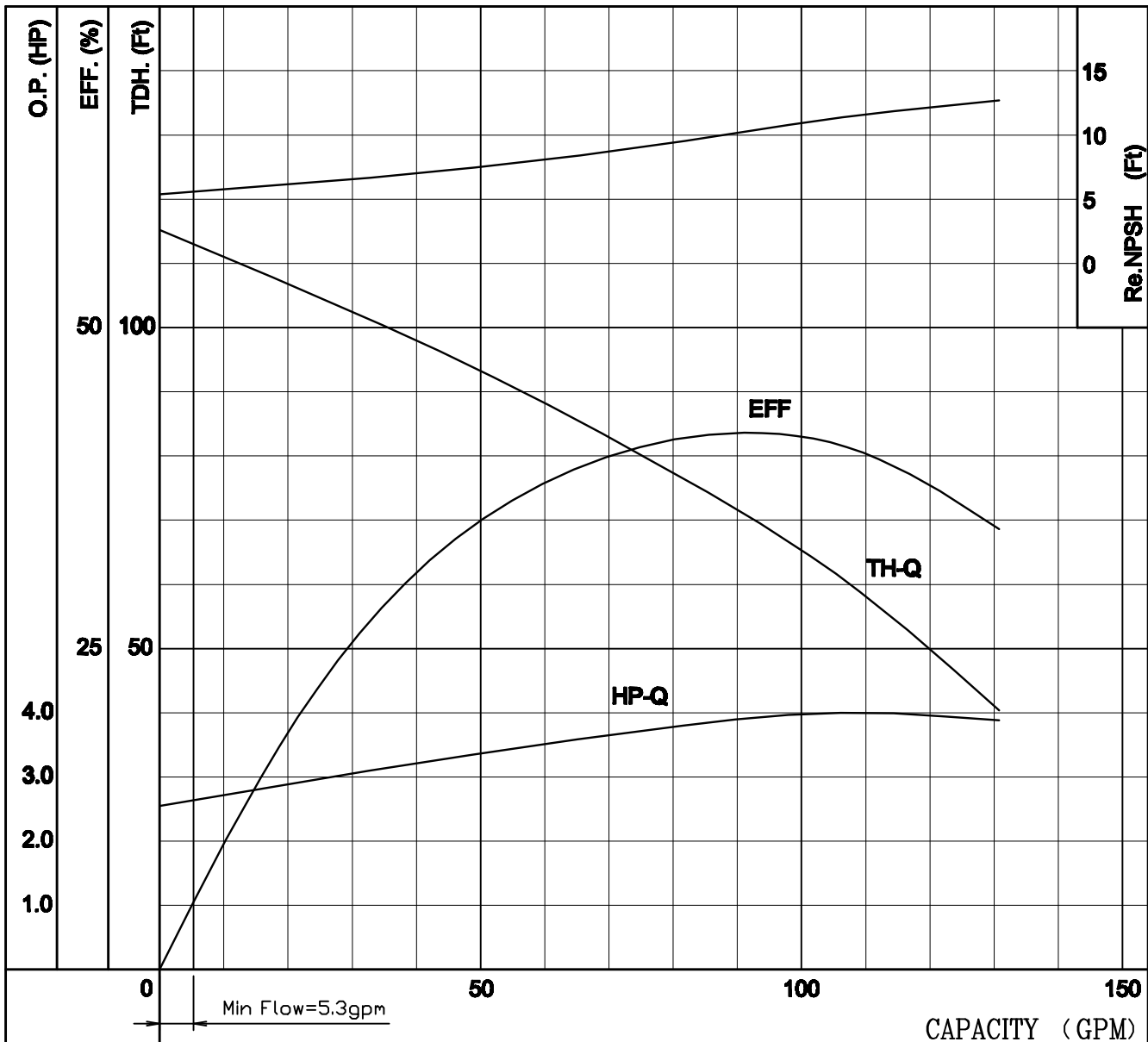
Frequency : 60Hz

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 gpm	TDH ft.	Water Power kW	Efficiency %	Output kW HP	
1	0.0	115.2	0.000	0.0	1.90	2.55
2	50.0	93.2	0.875	35.0	2.50	3.35
3	75.0	80.2	1.129	40.7	2.78	3.72
4	100.0	65.3	1.226	41.5	2.95	3.96
5	130.8	40.4	0.992	34.3	2.89	3.88



This performance data is based on the end suction operation in pure water (S.G.1.0) at 68 degrees F.



World Chemical USA, Inc.