

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-503GV

IMPELLER DIA. = 5.35"×4.72"

S.G.=1.1

Discharge : 2.0"/2.0"

Max TDH : 98 ft.

Max Capacity : 109.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

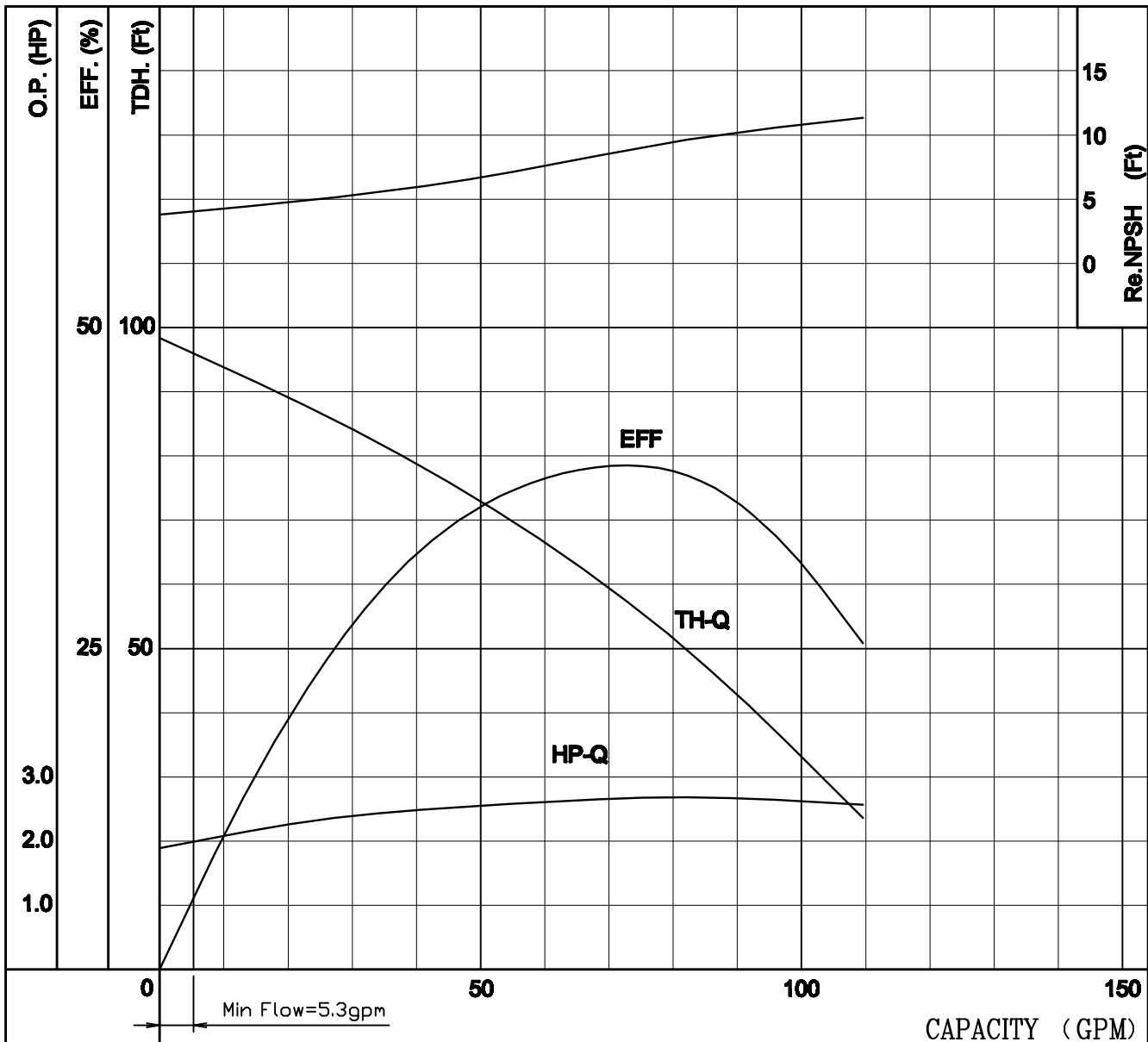
Frequency : 60Hz

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	98.4	0.000	0.0	1.41	1.89
2	25.0	86.7	0.407	23.4	1.74	2.33
3	50.0	72.9	0.684	36.0	1.90	2.55
4	75.0	55.7	0.784	39.2	2.00	2.68
5	109.6	23.6	0.487	25.4	1.92	2.57



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.