

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-503GVF

IMPELLER DIA. = 5.35"x4.57"

S.G.=1.1

Discharge : 2.0"/2.0"

Max TDH : 93 ft.

Max Capacity : 110 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

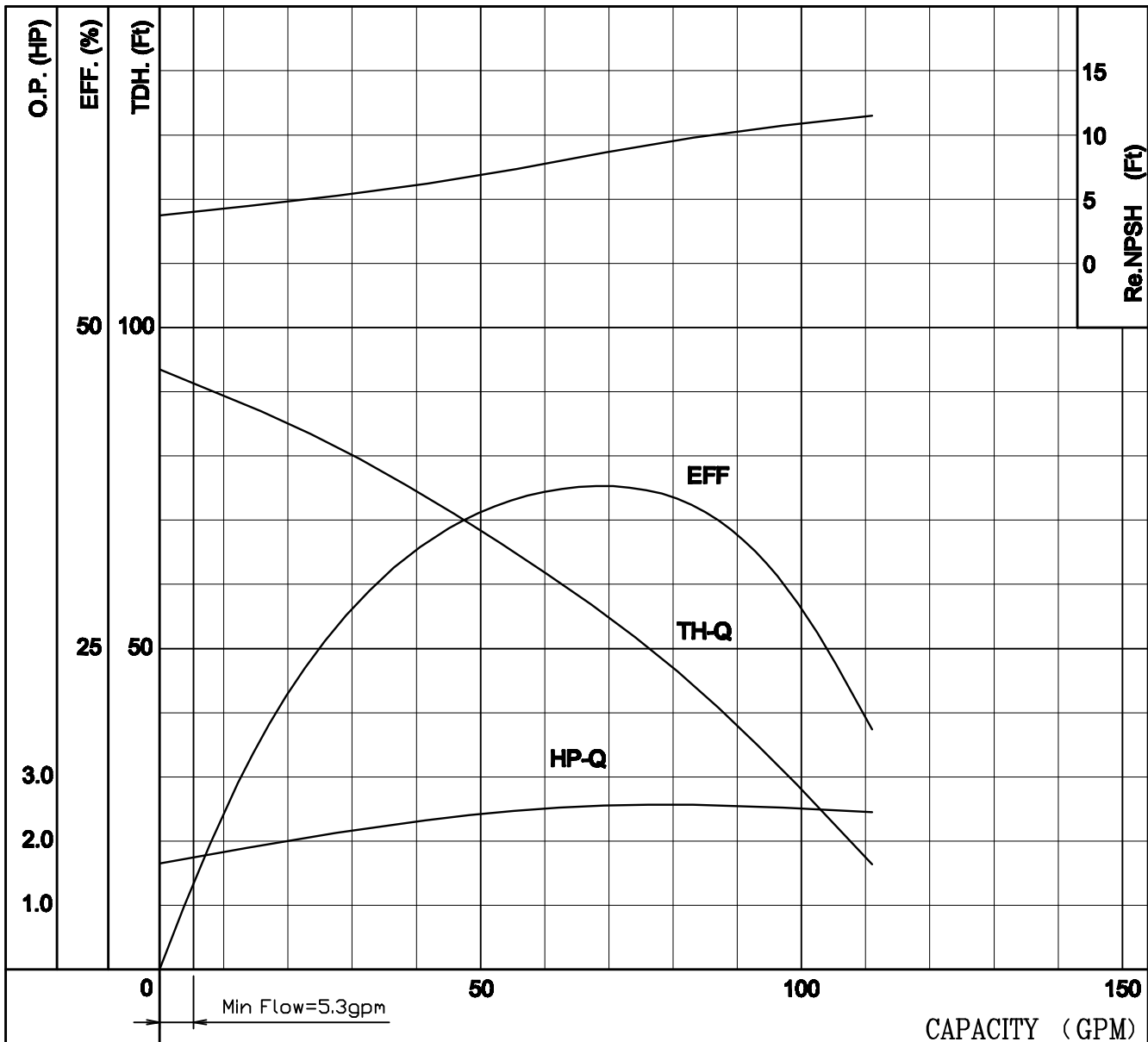
Frequency : 60Hz

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	93.5	0.000	0.0	1.23	1.65
2	25.0	82.7	0.388	25.1	1.55	2.07
3	50.0	68.4	0.642	35.6	1.80	2.42
4	75.0	51.0	0.718	37.5	1.92	2.57
5	111.0	16.4	0.342	18.7	1.83	2.45



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.