

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.23"

Model: YD-4003GS1

S.G.=1.1

Discharge : 2.0"/1 1/2"

Max TDH : 104.3 ft.

Max Capacity : 118.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

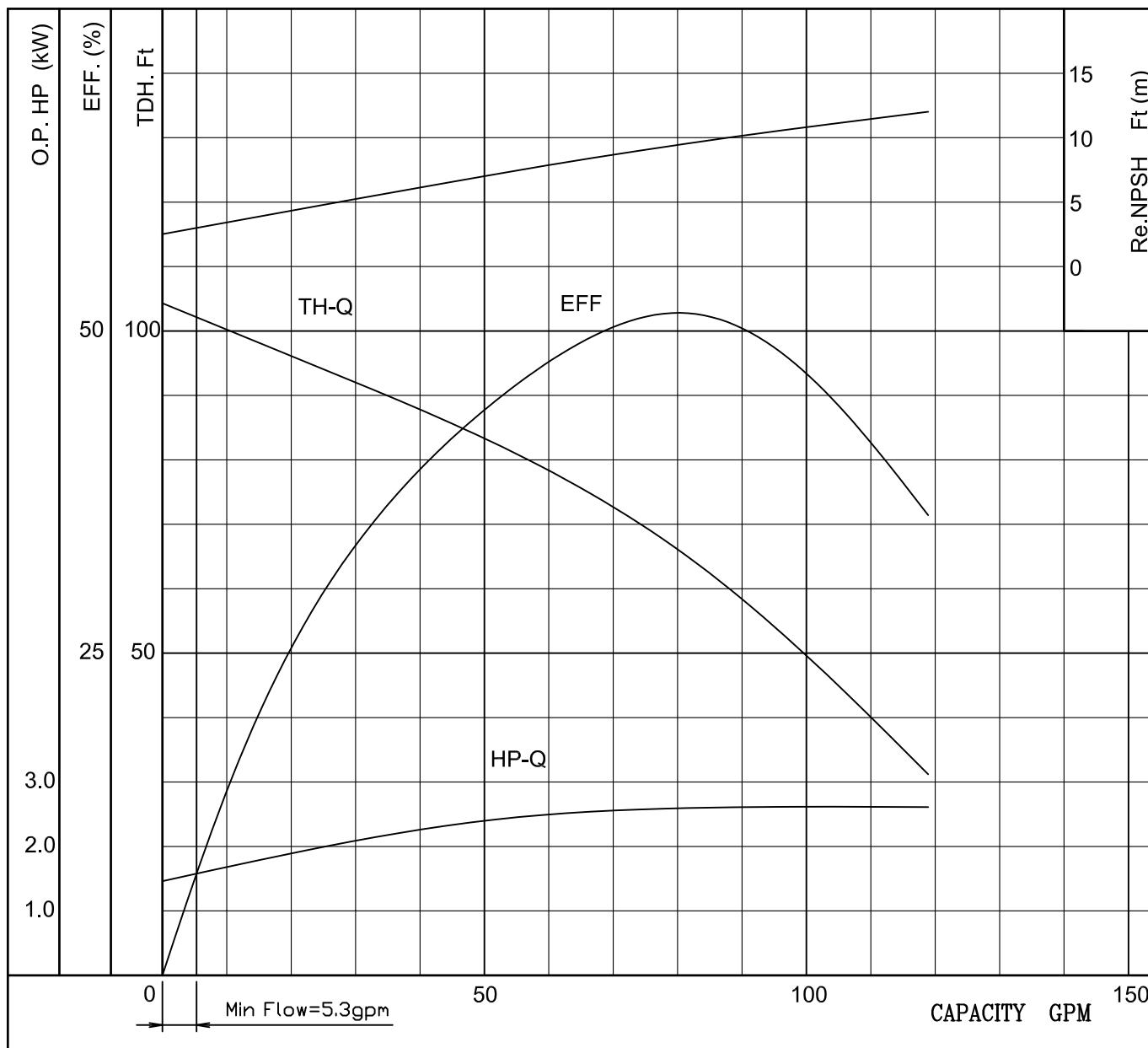
Frequency : 60Hz

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	104.3	0.000	0.0	1.09	1.46
2	26.4	93.5	0.465	30.8	1.51	2.02
3	52.8	82.0	0.815	45.0	1.81	2.43
4	79.3	66.6	0.993	51.4	1.93	2.59
5	118.9	31.2	0.697	35.7	1.95	2.61



World Chemical USA, Inc.