

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-405GSF

IMPELLER DIA. = 4.88"

S.G.=1.9

Discharge : 2.0"/1.5"

Max TDH : 94 ft.

Max Capacity : 118.9 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

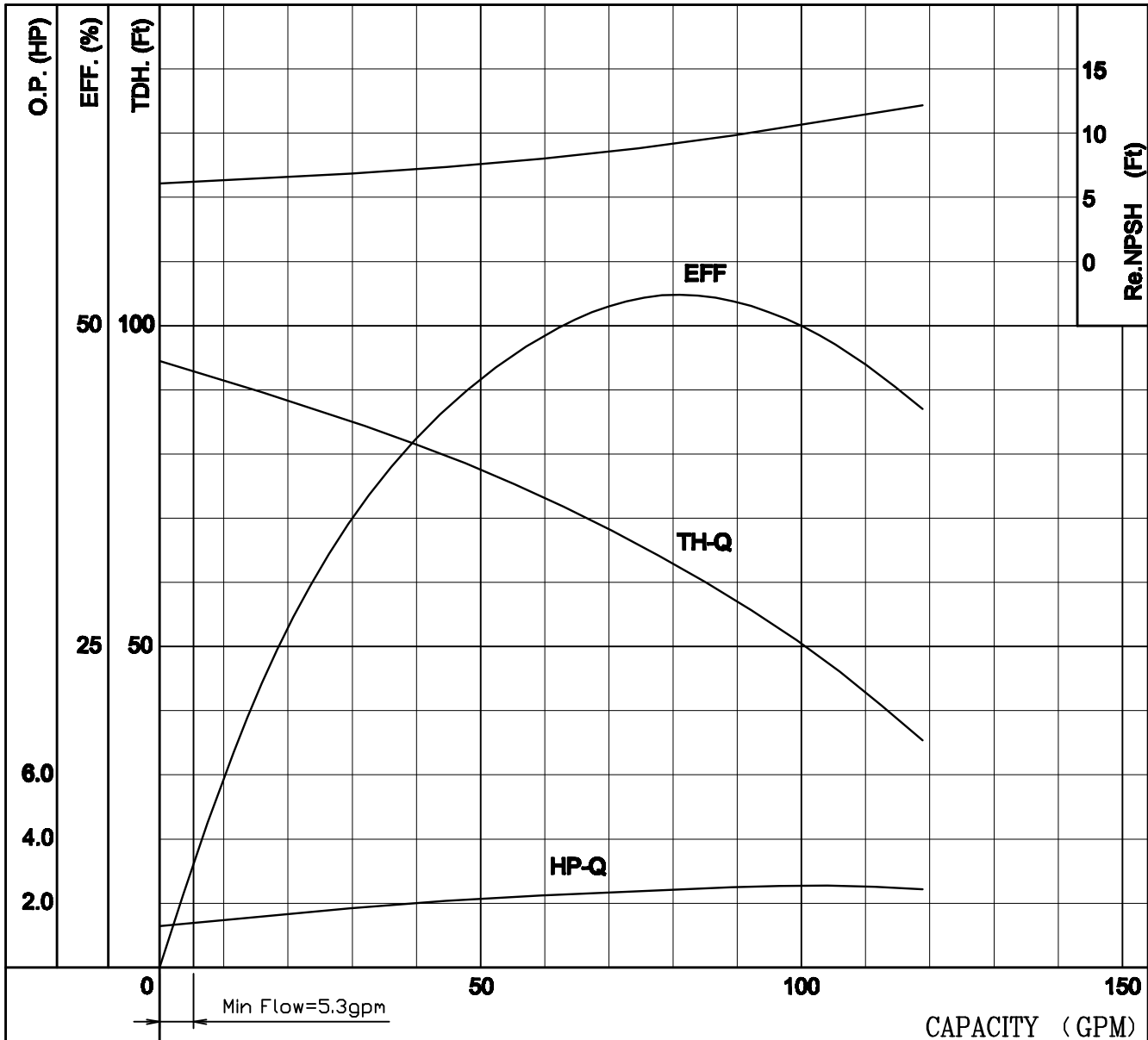
Frequency : 60Hz

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	TDH	Water Power	Efficiency	Output	
	gpm	ft.	kW	%	kW	HP
1	0.0	94.5	0.000	0.0	0.96	1.29
2	25.0	86.7	0.407	31.0	1.31	1.76
3	50.0	77.5	0.727	45.8	1.59	2.13
4	100.0	50.4	0.946	50.0	1.89	2.54
5	118.9	35.4	0.792	43.5	1.82	2.44



World Chemical USA, Inc.