

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-405GS

IMPELLER DIA. = 5.24"

S.G.=1.5

Discharge : 2.0"/1.5"

Max TDH : 109 ft.

Max Capacity : 134.7 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

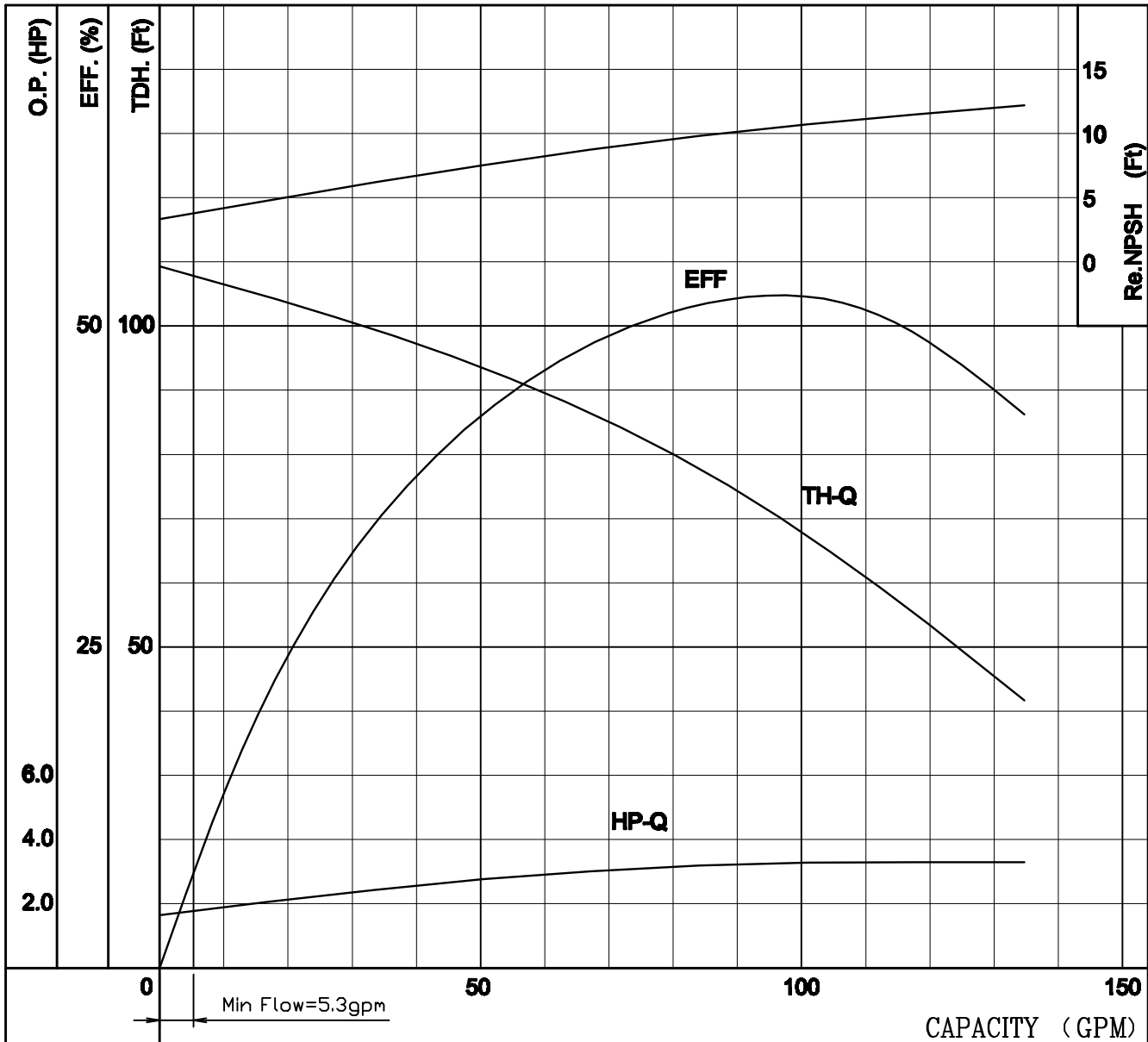
Frequency : 60Hz

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	109.3	0.000	0.0	1.22	1.64
2	30.0	100.5	0.566	32.3	1.75	2.35
3	60.0	89.6	1.009	46.6	2.17	2.90
4	90.0	74.3	1.255	52.2	2.41	3.23
5	134.7	41.7	1.056	43.1	2.45	3.29



World Chemical USA, Inc.