

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-405GSF

IMPELLER DIA. = 5.24"

S.G.=1.5

Discharge : 2.0"/1.5"

Max TDH : 108 ft.

Max Capacity : 129.5 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

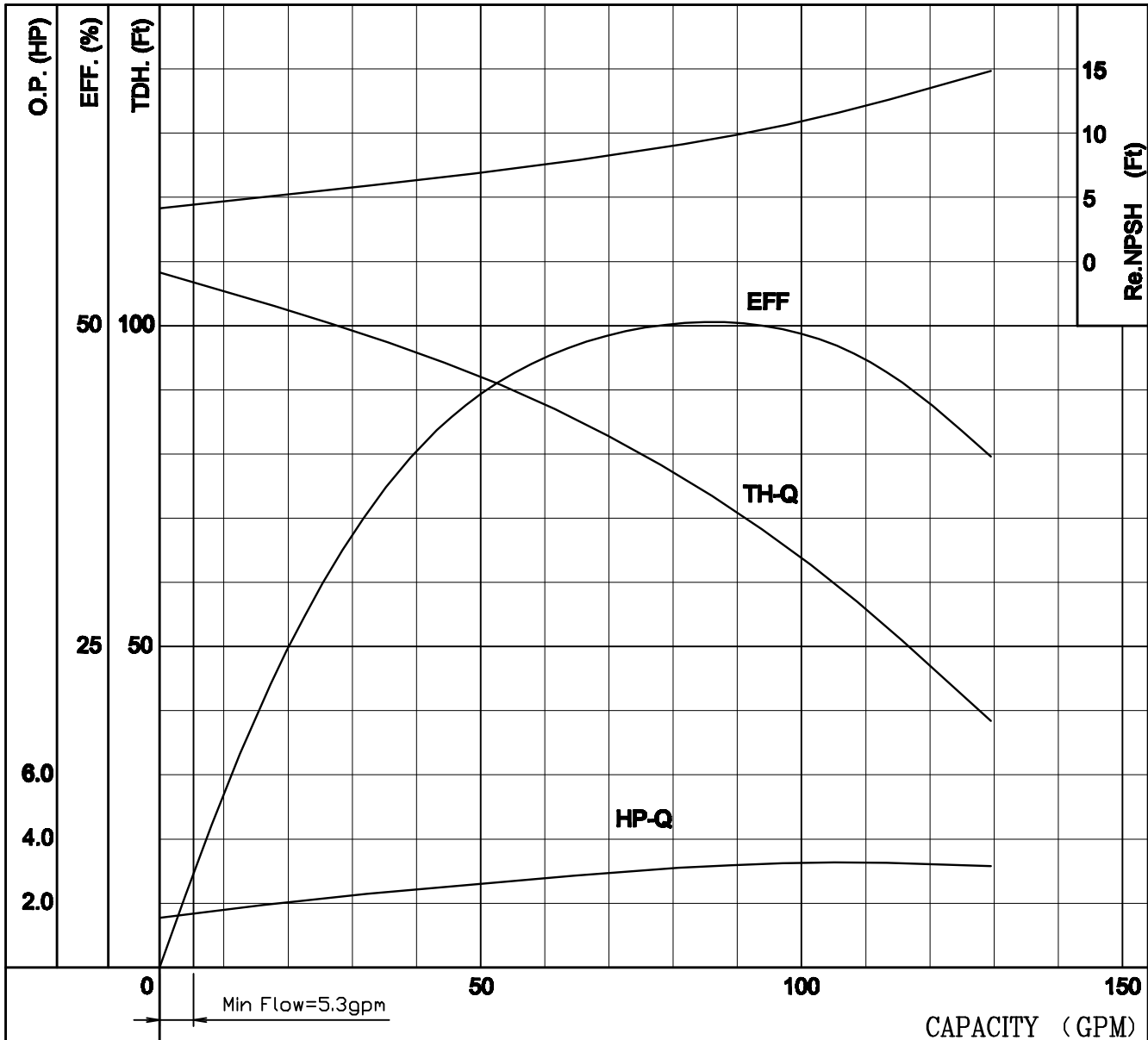
Frequency : 60Hz

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	108.3	0.000	0.0	1.15	1.54
2	25.0	100.8	0.473	29.6	1.60	2.14
3	50.0	92.0	0.864	44.6	1.94	2.60
4	100.0	63.8	1.198	49.3	2.43	3.26
5	129.5	38.4	0.934	39.8	2.35	3.15



World Chemical USA, Inc.