

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-400GS

IMPELLER DIA. = 3.70"

S.G.=1.05

Discharge : 1.5"/1.5"

Max TDH : 49 ft.

Max Capacity : 52.8 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1/2 HP

Motor Frame : S56C

Phase : 3

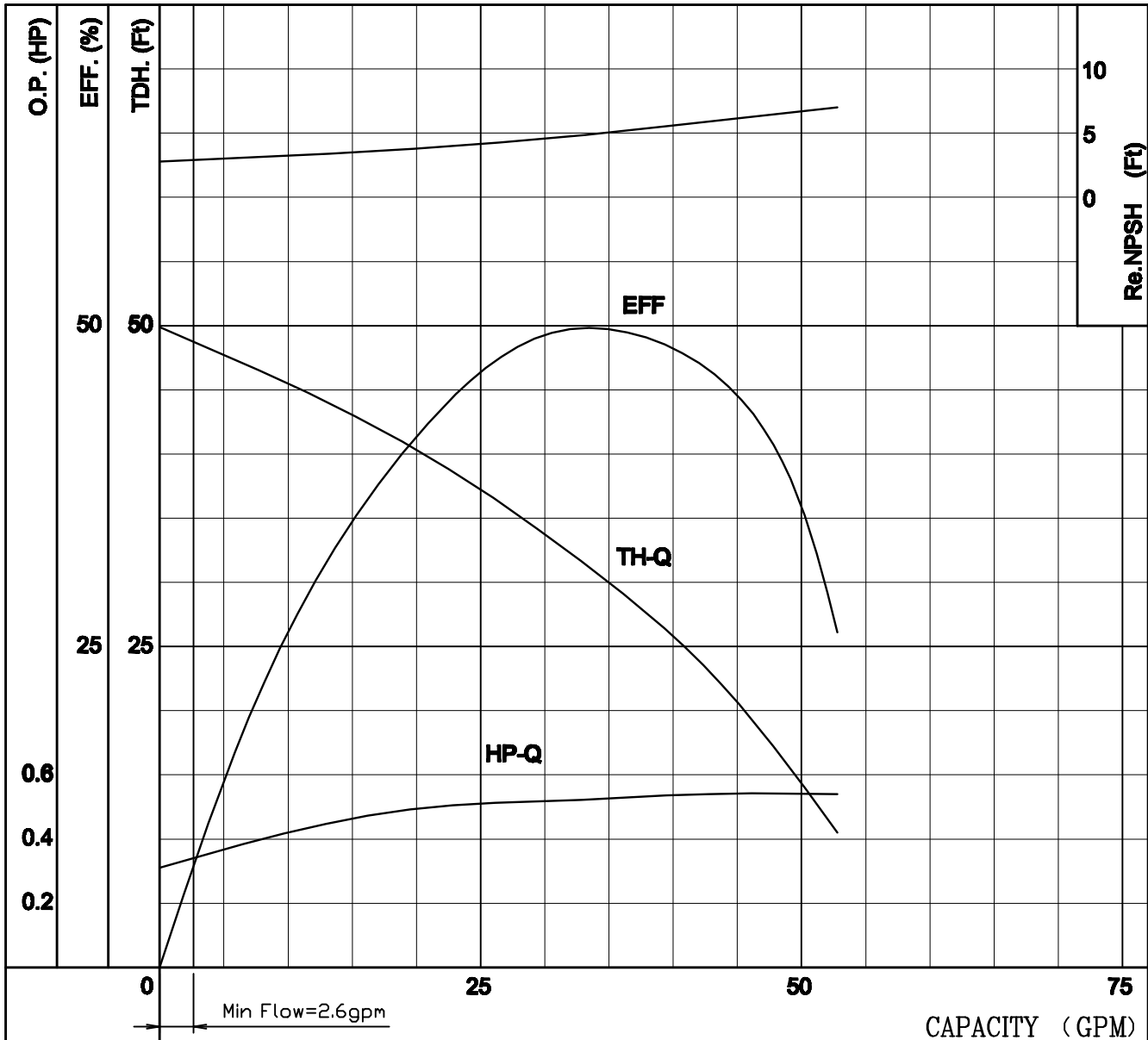
Frequency : 60Hz

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	49.9	0.000	0.0	0.23	0.31
2	20.0	40.3	0.151	41.4	0.37	0.49
3	30.0	33.7	0.190	49.3	0.39	0.52
4	40.0	25.8	0.194	48.2	0.40	0.54
5	52.8	10.5	0.104	26.1	0.40	0.54



World Chemical USA, Inc.