

EXPECTED PERFORMANCE CURVES

Sealless Pump

Model: YD-40NSF

IMPELLER DIA. = 3.98"×0.43"t

S.G.=1.05

Discharge : 1.5"/1.5"

Max TDH : 48 ft.

Max Capacity : 39.6 gpm

Liquid Temperature : Ambient

Horsepower : 2 HP

Motor Frame : 145TC

Phase : 3

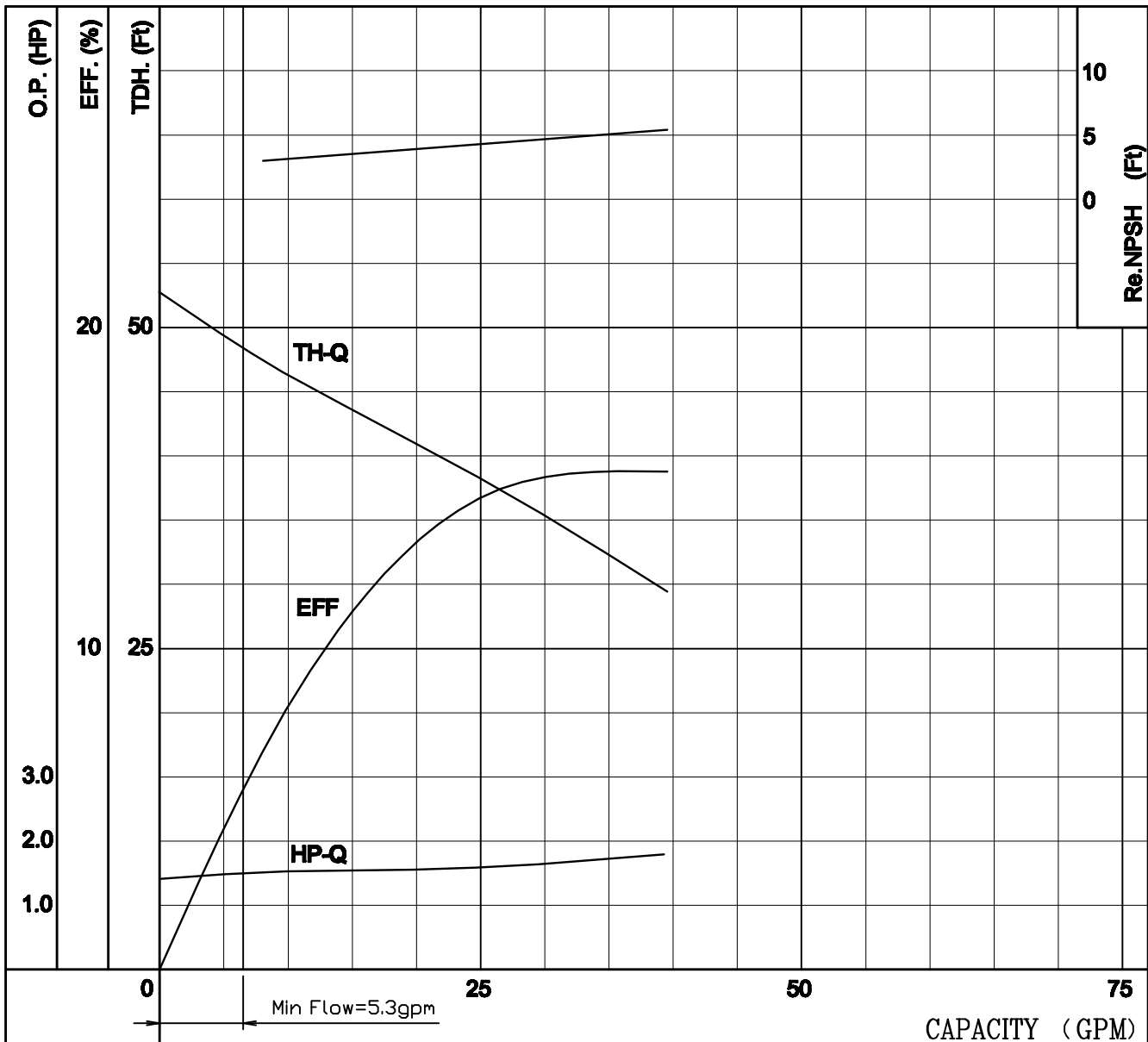
Frequency : 60Hz

Speed : 3360 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	52.5	0.000	0.0	1.031	1.38
2	7.9	47.6	0.071	6.3	1.127	1.51
3	15.9	44.3	0.132	11.4	1.162	1.56
4	26.4	37.7	0.187	15.0	1.249	1.67
5	39.6	29.5	0.208	15.4	1.351	1.81



This performance data is based on the end suction operation in pure water (S.G.1.0) at 68 degrees F.



World Chemical USA, Inc.