

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-251GS

IMPELLER DIA. = 4.69"

S.G.=1.0

Discharge : 1.0"/1.0"

Max TDH : 77 ft.

Max Capacity : 34.3 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

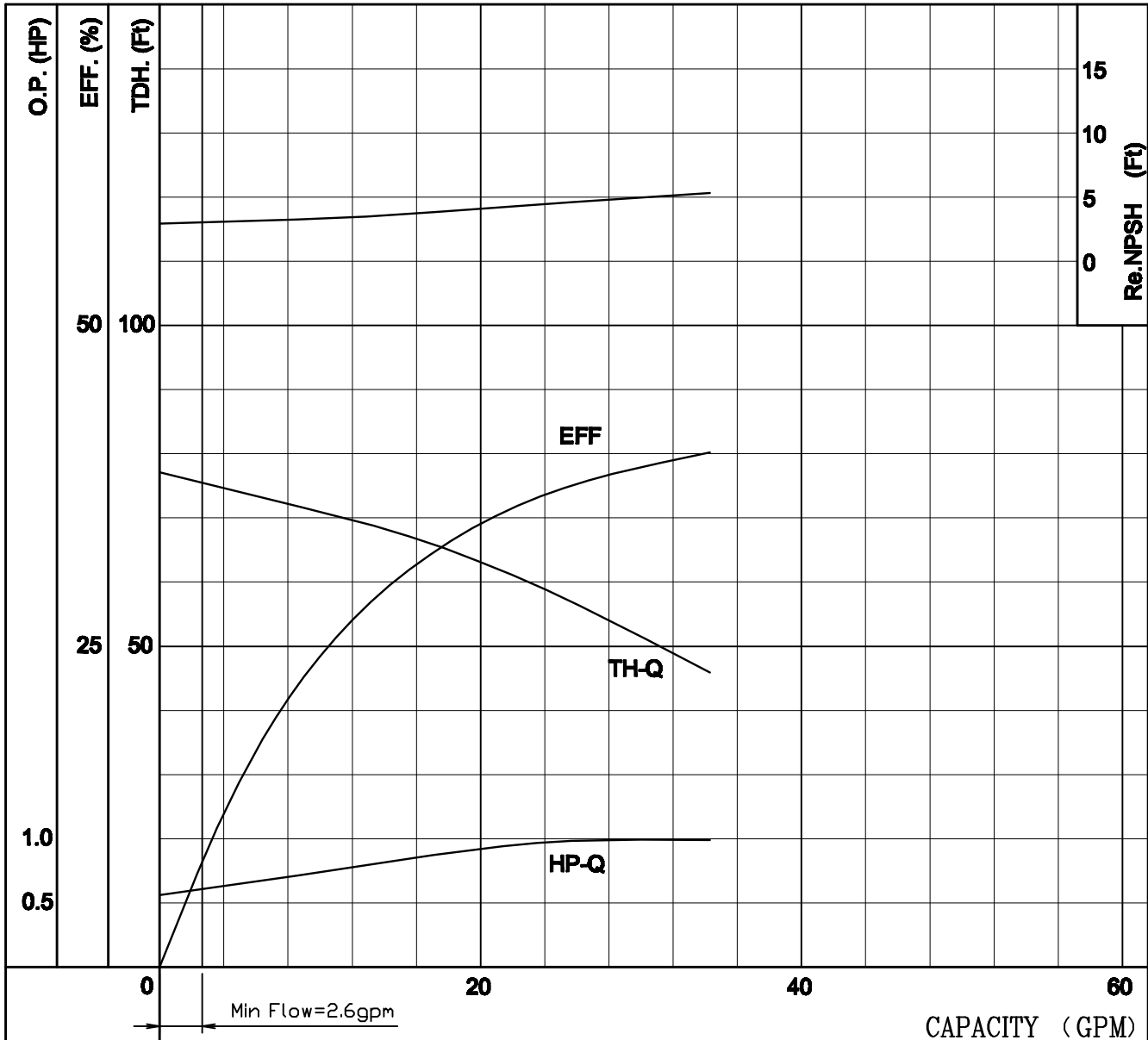
Frequency : 60Hz

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	77.1	0.000	0.0	0.42	0.56
2	10.0	70.9	0.133	24.2	0.55	0.74
3	20.0	63.1	0.237	34.5	0.69	0.92
4	30.0	51.5	0.290	39.0	0.74	0.99
5	34.3	45.9	0.297	40.1	0.74	0.99



World Chemical USA, Inc.