

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-251GS

IMPELLER DIA. = 4.09"

S.G.=1.5

Discharge : 1.0"/1.0"

Max TDH : 55 ft.

Max Capacity : 34.3 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

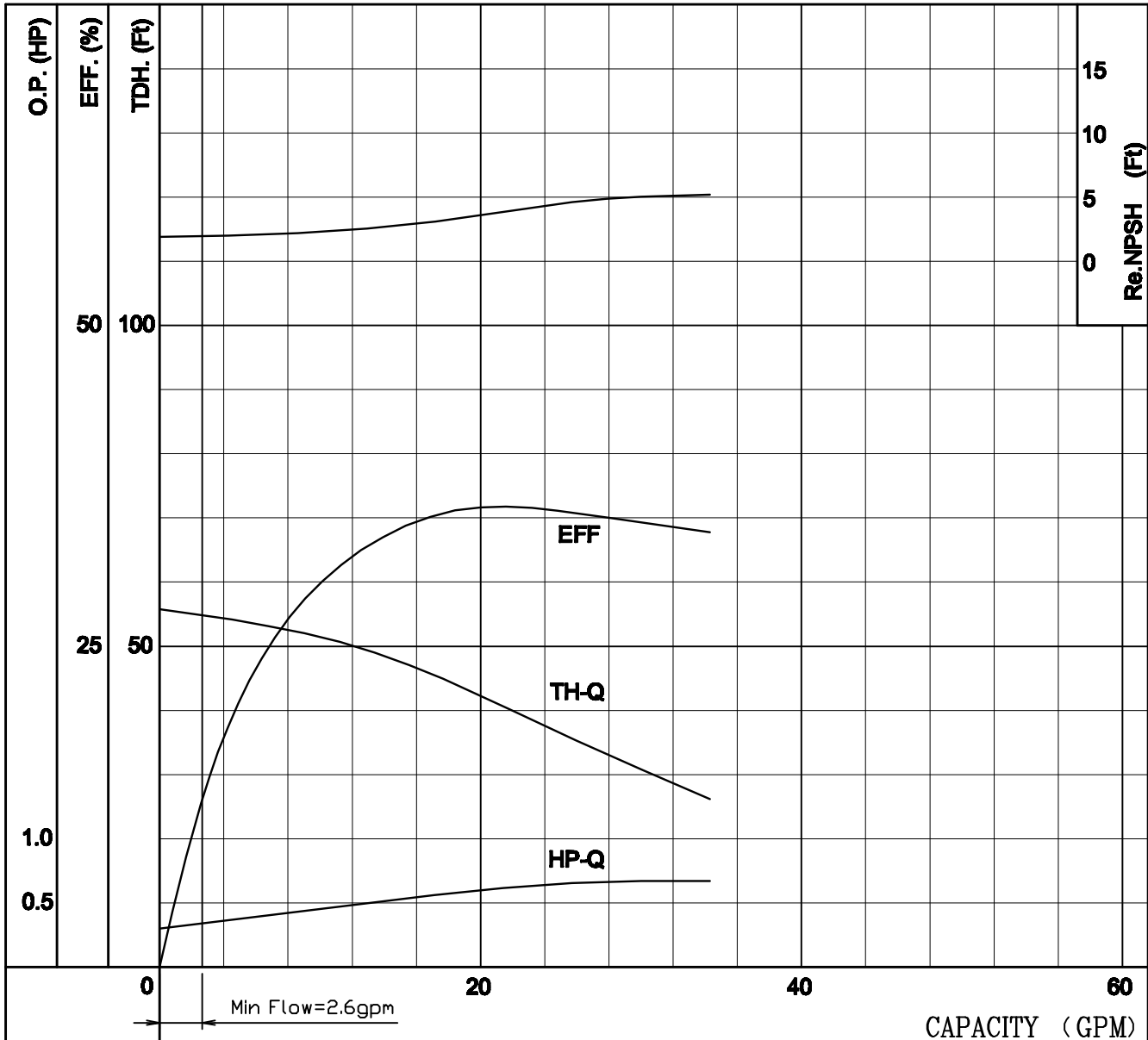
Frequency : 60Hz

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	55.8	0.000	0.0	0.22	0.30
2	10.0	51.4	0.096	29.9	0.32	0.43
3	20.0	42.3	0.159	35.8	0.44	0.59
4	30.0	30.8	0.173	34.7	0.50	0.67
5	34.3	26.2	0.170	33.9	0.50	0.67



World Chemical USA, Inc.