

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-251GS

IMPELLER DIA. = 4.33"

S.G.=1.3

Discharge : 1.0"/1.0"

Max TDH : 62 ft.

Max Capacity : 34.3 gpm

Liquid Temperature : Ambient

Magnet : Ferrite

Horsepower : 1 HP

Motor Frame : 56C

Phase : 3

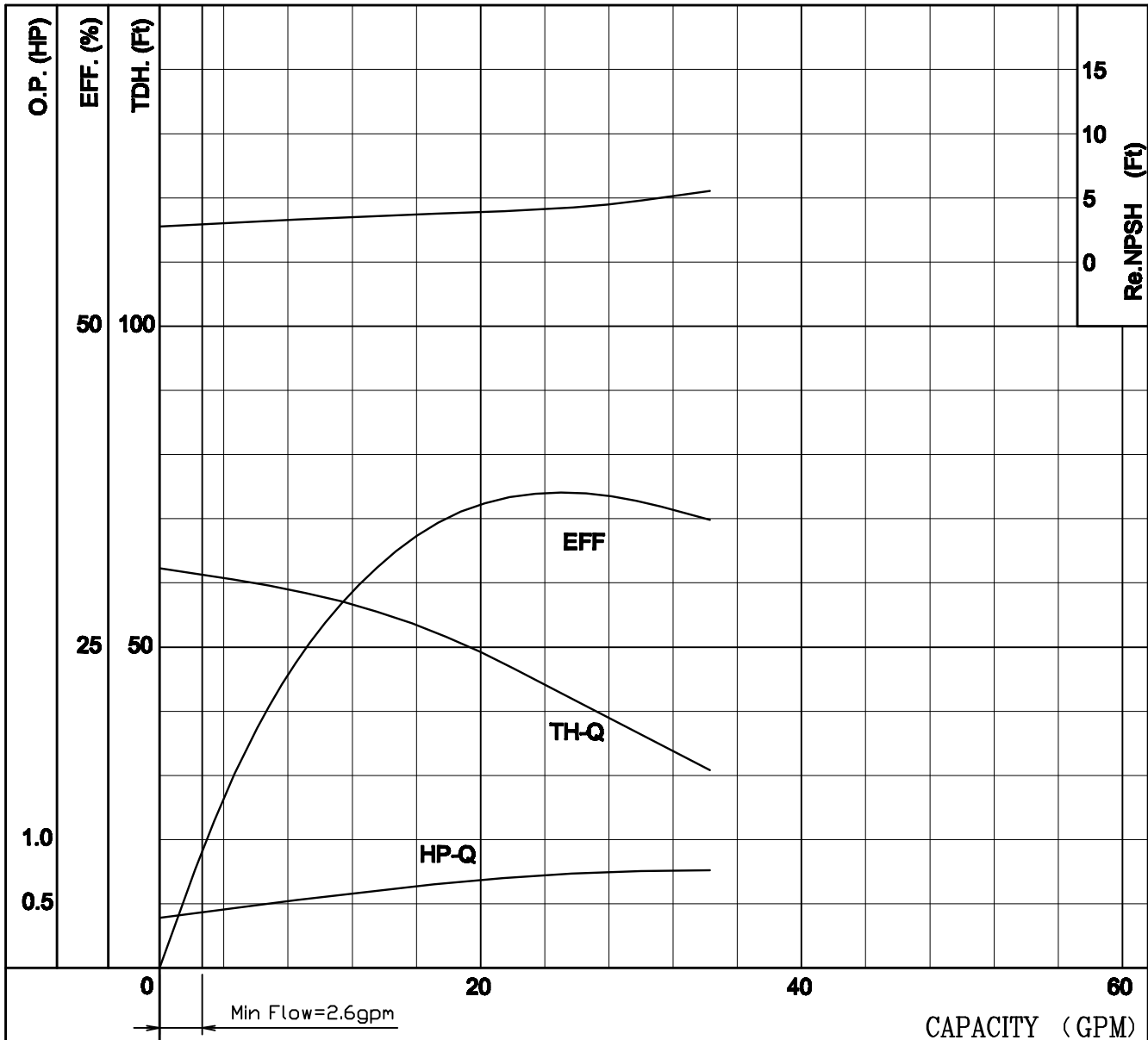
Frequency : 60Hz

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	62.3	0.000	0.0	0.29	0.39
2	10.0	57.9	0.109	26.4	0.41	0.55
3	20.0	49.2	0.185	36.1	0.51	0.69
4	30.0	36.3	0.204	36.3	0.56	0.76
5	34.3	30.8	0.199	34.9	0.57	0.76



World Chemical USA, Inc.