

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.29"

Model: YD-4003GSF1

S.G.=1.9

Discharge : 2.0"/1 1/2"

Max TDH : 70.5 ft.

Max Capacity : 84.5 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

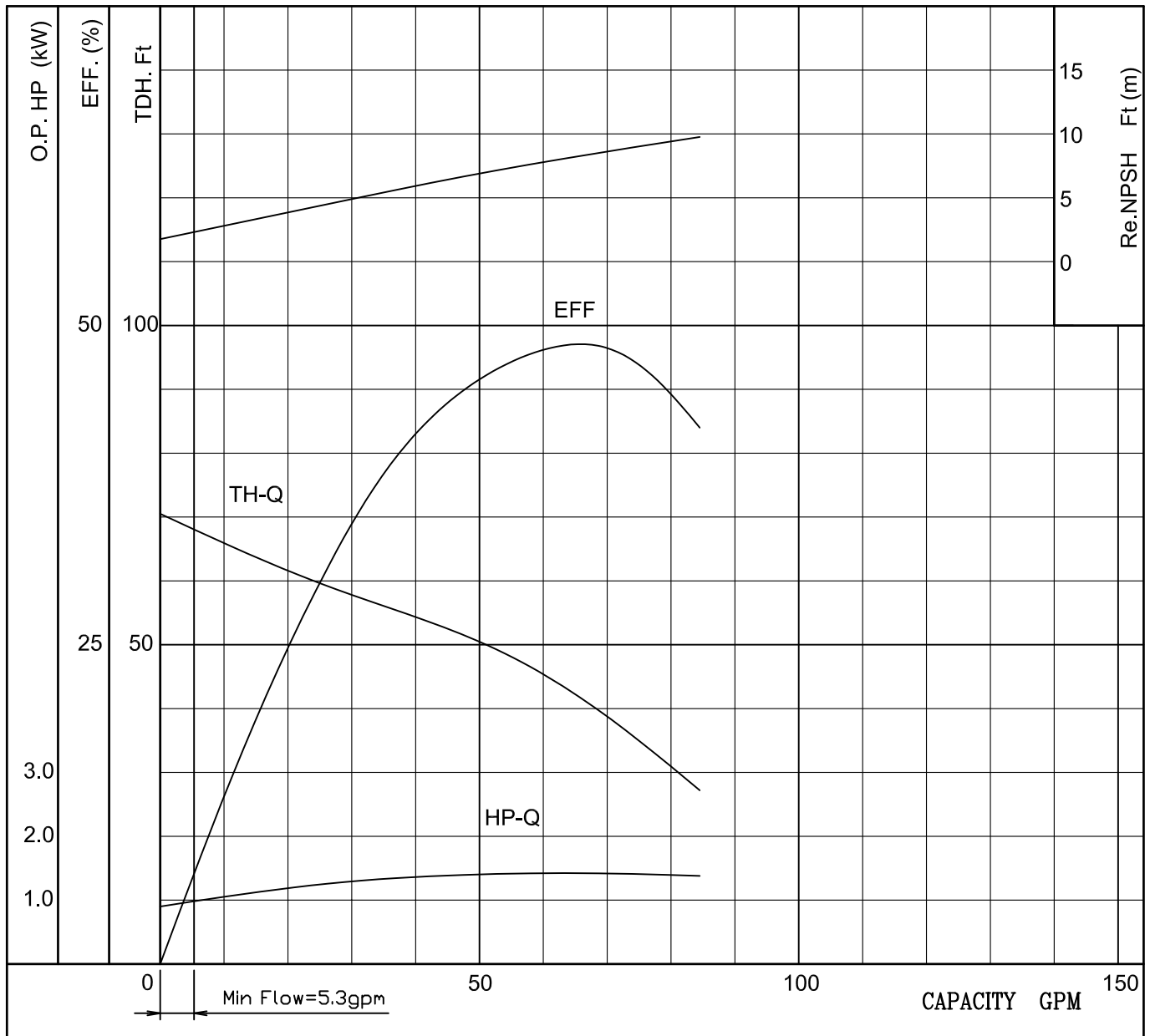
Frequency : 60Hz

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	70.5	0.000	0.0	0.67	0.90
2	26.4	59.1	0.293	31.2	0.94	1.26
3	52.8	49.2	0.489	46.6	1.05	1.41
4	68.7	39.7	0.513	48.4	1.06	1.42
5	84.5	27.2	0.433	42.0	1.03	1.38



World Chemical USA, Inc.