

EXPECTED PERFORMANCE CURVES

Sealless Self-Priming Pump

Model: YD-5003VP1

IMPELLER DIA. = 4.64"

S.G.=1.4

Discharge / Suction : 2-1/2" / 2"

Max TDH : 57.1ft.

Max Capacity: 113.6gpm

Liquid Temperature : Ambient

Horsepower : 3 HP

Motor Frame : 182TC

Phase : 3

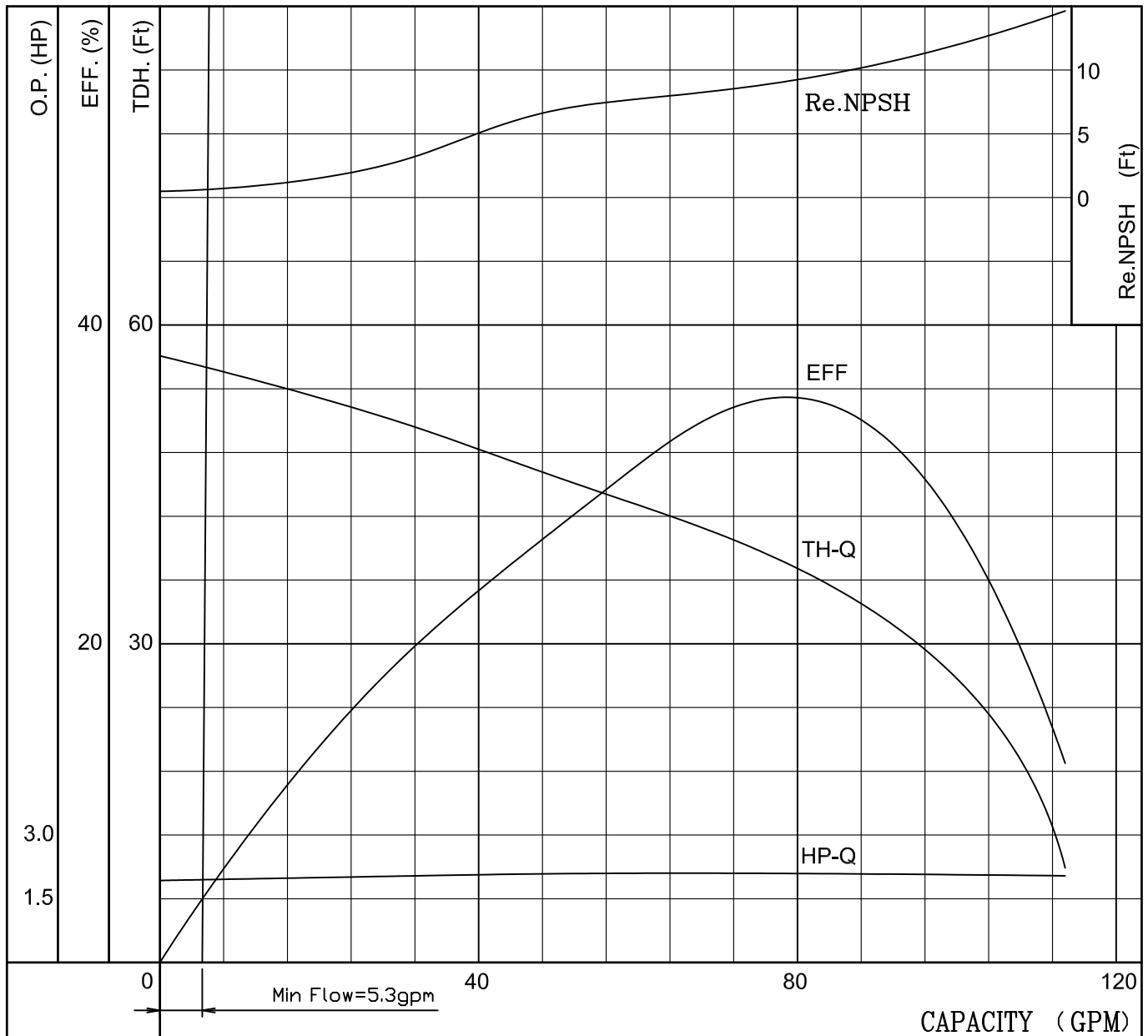
Frequency : 60Hz

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 | 57.1 | 0.000 | 0.0 | 1.44 | 1.93 |
| 2 | 26.4 | 51.8 | 0.258 | 17.1 | 1.51 | 2.02 |
| 3 | 52.8 | 44.9 | 0.447 | 28.4 | 1.57 | 2.11 |
| 4 | 79.3 | 37.4 | 0.557 | 35.5 | 1.57 | 2.11 |
| 5 | 113.6 | 8.9 | 0.189 | 12.5 | 1.52 | 2.04 |



World Chemical USA, Inc.