

EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

Model: YD-405GS

IMPELLER DIA. = 5.24"

S.G.=1.5

Discharge : 2.0"/1.5"

Max TDH : 109 ft.

Max Capacity : 134.7 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

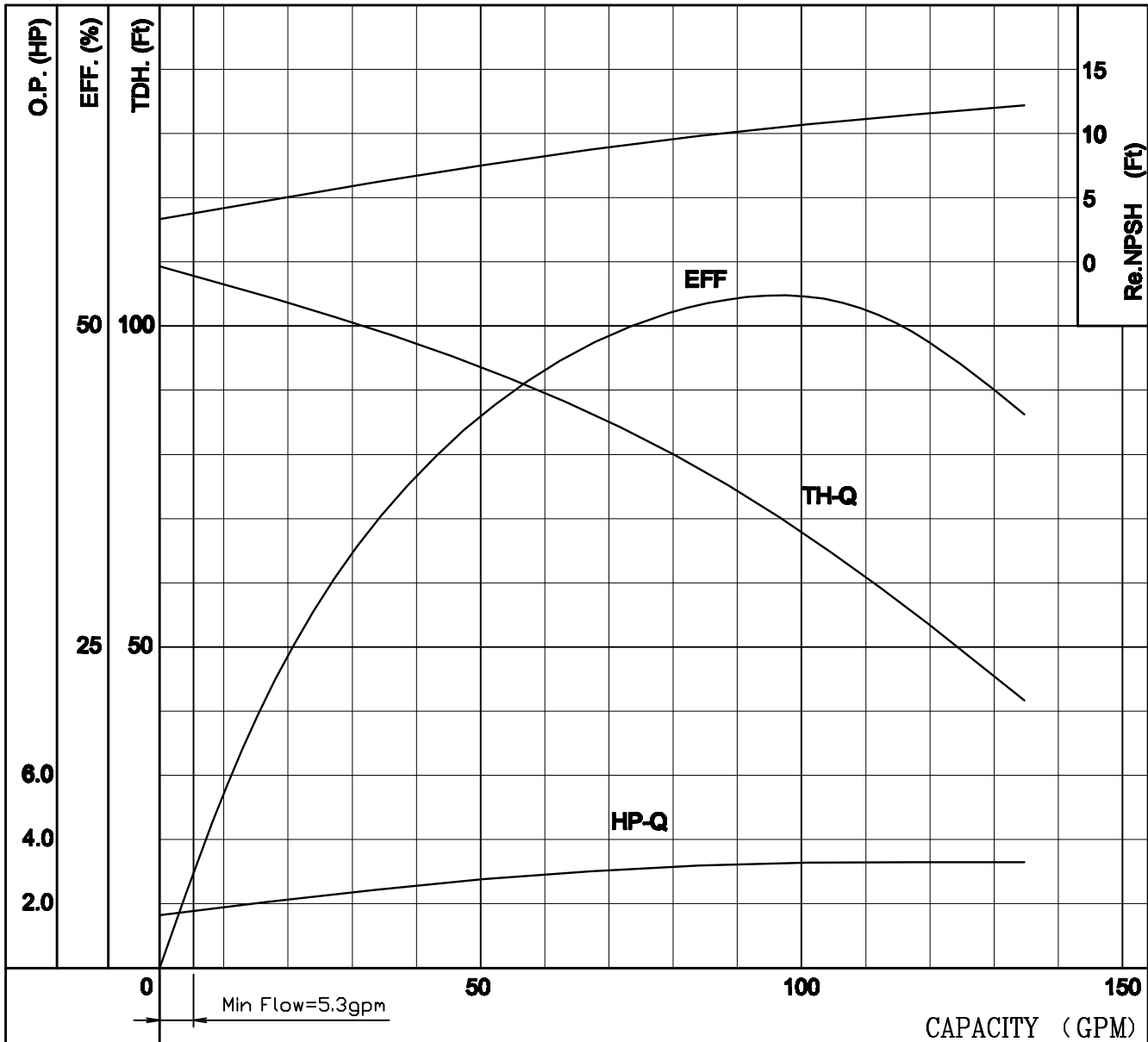
Frequency : 60Hz

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 | 109.3 | 0.000 | 0.0 | 1.22 | 1.64 |
| 2 | 30.0 | 100.5 | 0.566 | 32.3 | 1.75 | 2.35 |
| 3 | 60.0 | 89.6 | 1.009 | 46.6 | 2.17 | 2.90 |
| 4 | 90.0 | 74.3 | 1.255 | 52.2 | 2.41 | 3.23 |
| 5 | 134.7 | 41.7 | 1.056 | 43.1 | 2.45 | 3.29 |



World Chemical USA, Inc.