

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

**Model: YD-405GSF**

IMPELLER DIA. = 5.43"

**S.G.= 1.2**

Discharge : 2.0"/1.5"

Max TDH : 121 ft.

Max Capacity : 137.4 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 5 HP

Motor Frame : 184TC

Phase : 3

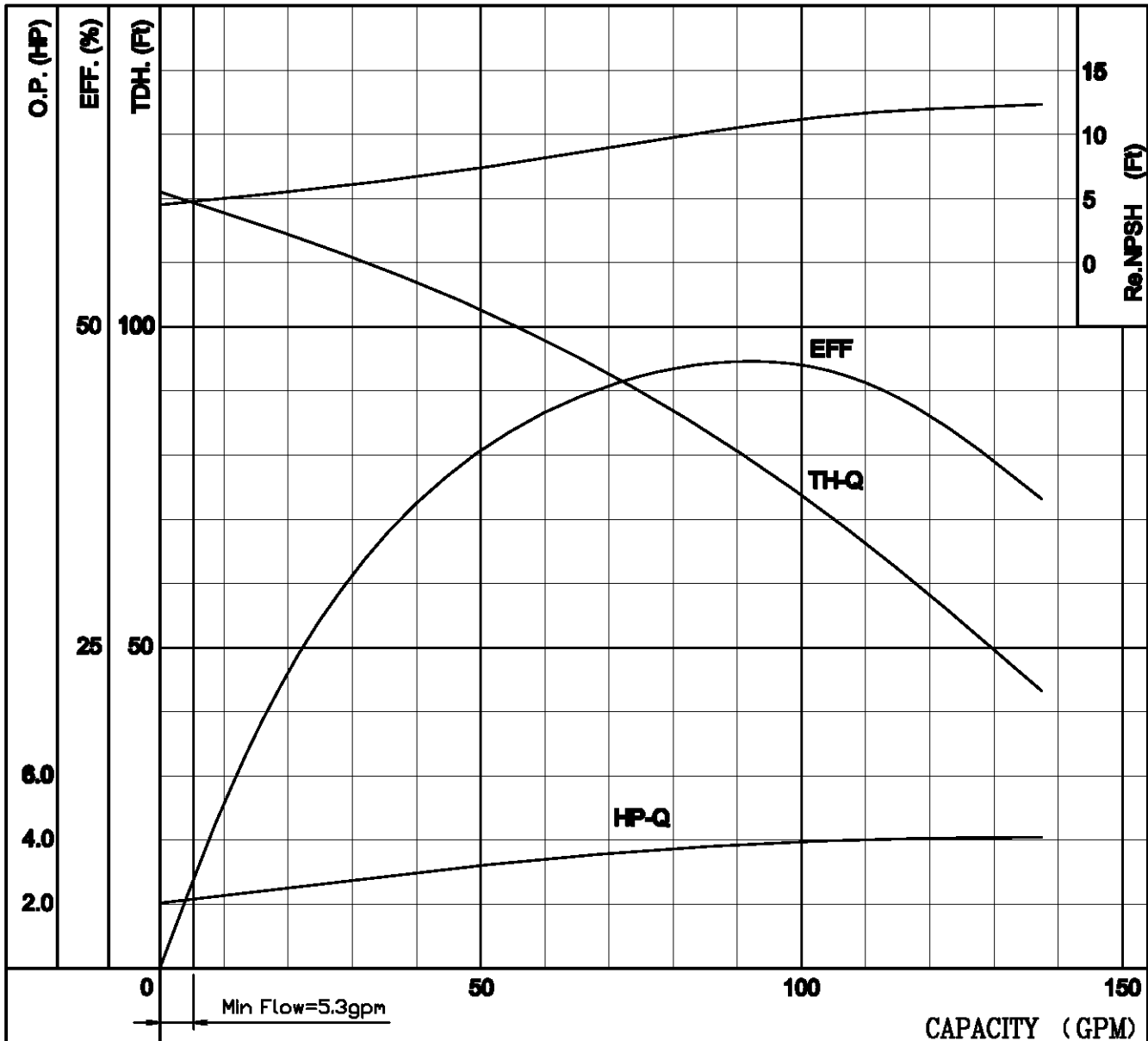
Frequency : 60Hz

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      | 121.1 | 0.000       | 0.0        | 1.52      | 2.04        |
| 2   | 25.0     | 112.7 | 0.529       | 27.1       | 1.95      | 2.62        |
| 3   | 50.0     | 102.6 | 0.963       | 40.3       | 2.39      | 3.20        |
| 4   | 100.0    | 73.8  | 1.386       | 47.0       | 2.95      | <b>3.95</b> |
| 5   | 137.4    | 43.3  | 1.119       | 36.6       | 3.06      | <b>4.10</b> |



**World Chemical USA, Inc.**