

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 4.65"

**Model: YD-4003GSF1**

**S.G.=1.5**

Discharge : 2.0"/1 1/2"

Max TDH : 85.3 ft.

Max Capacity : 95.1 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 3 HP

Motor Frame : 56C

Phase : 3

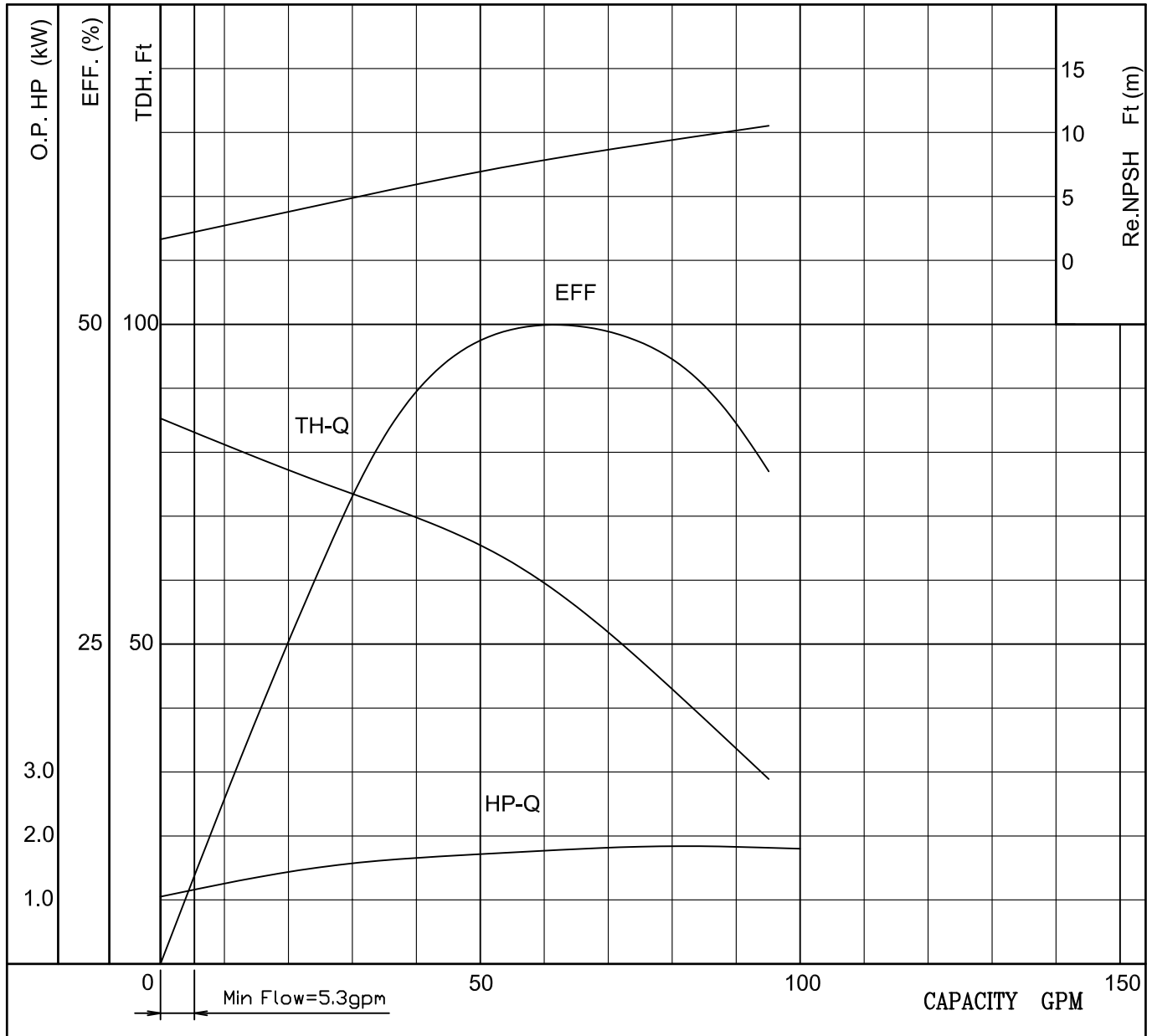
Frequency : 60Hz

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      | 85.3 | 0.000       | 0.0        | 0.78      | 1.05 |
| 2   | 26.4     | 74.8 | 0.372       | 32.6       | 1.14      | 1.53 |
| 3   | 52.8     | 64.0 | 0.636       | 49.3       | 1.29      | 1.73 |
| 4   | 79.3     | 43.6 | 0.650       | 47.5       | 1.37      | 1.84 |
| 5   | 95.1     | 28.9 | 0.516       | 38.5       | 1.34      | 1.80 |



World Chemical USA, Inc.