

# EXPECTED PERFORMANCE CURVES

Sealless Magnetic Drive Pump

IMPELLER DIA. = 5.59"

**Model: YD-2502GS3**

**S.G.=1.0**

Discharge : 1.0"/1.0"

Max TDH : 118.1 ft.

Max Capacity : 39.6 gpm

Liquid Temperature : Ambient

Magnet : Neodymium

Horsepower : 2 HP

Motor Frame : 56C

Phase : 3

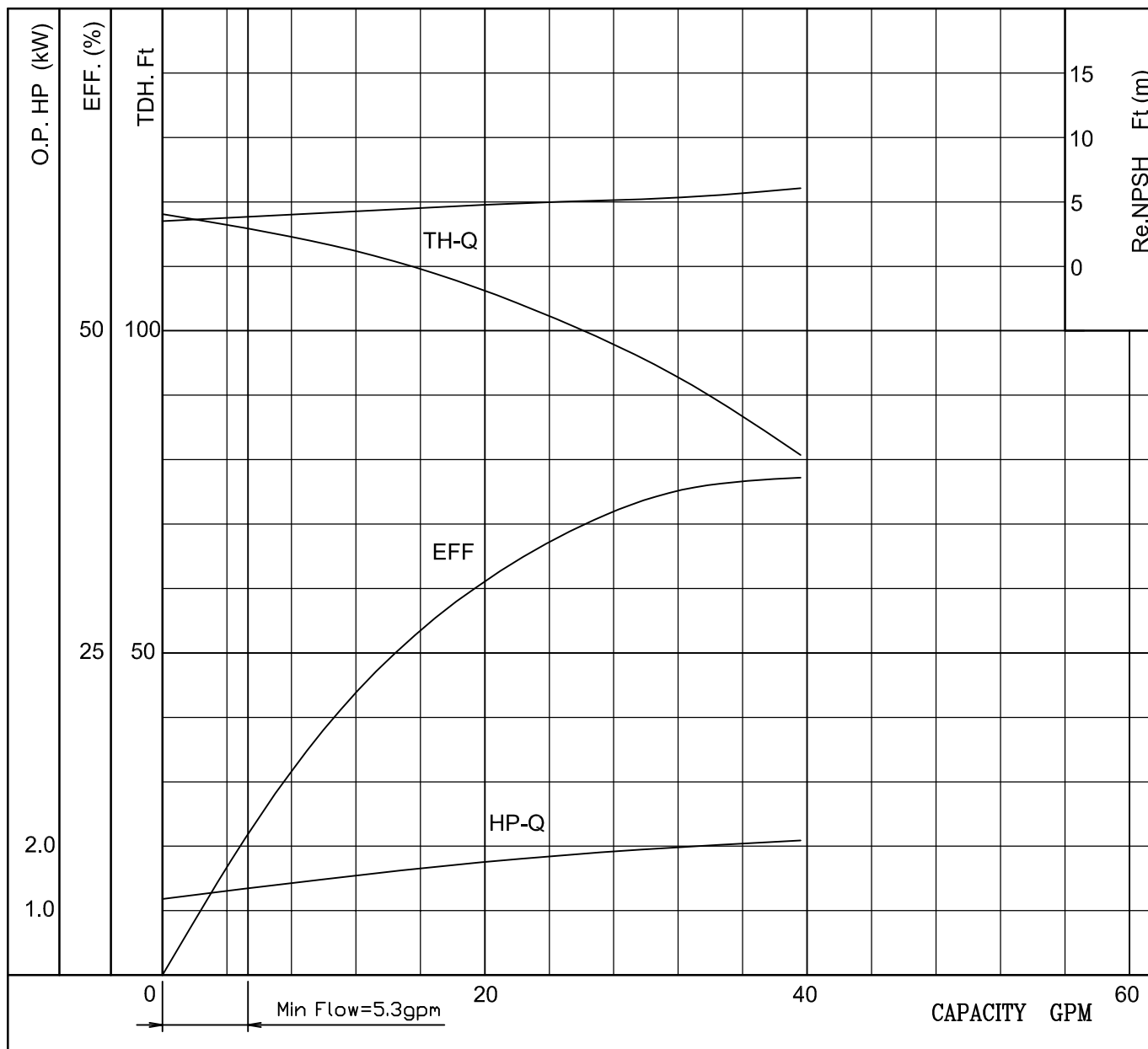
Frequency : 60Hz

Speed : 3490 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      | 118.1 | 0.000       | 0.0        | 0.88      | 1.18 |
| 2   | 13.2     | 111.6 | 0.277       | 23.5       | 1.18      | 1.58 |
| 3   | 26.4     | 99.7  | 0.496       | 35.1       | 1.41      | 1.89 |
| 4   | 31.7     | 93.2  | 0.556       | 37.5       | 1.48      | 1.98 |
| 5   | 39.6     | 80.7  | 0.601       | 38.6       | 1.56      | 2.09 |



World Chemical USA, Inc.