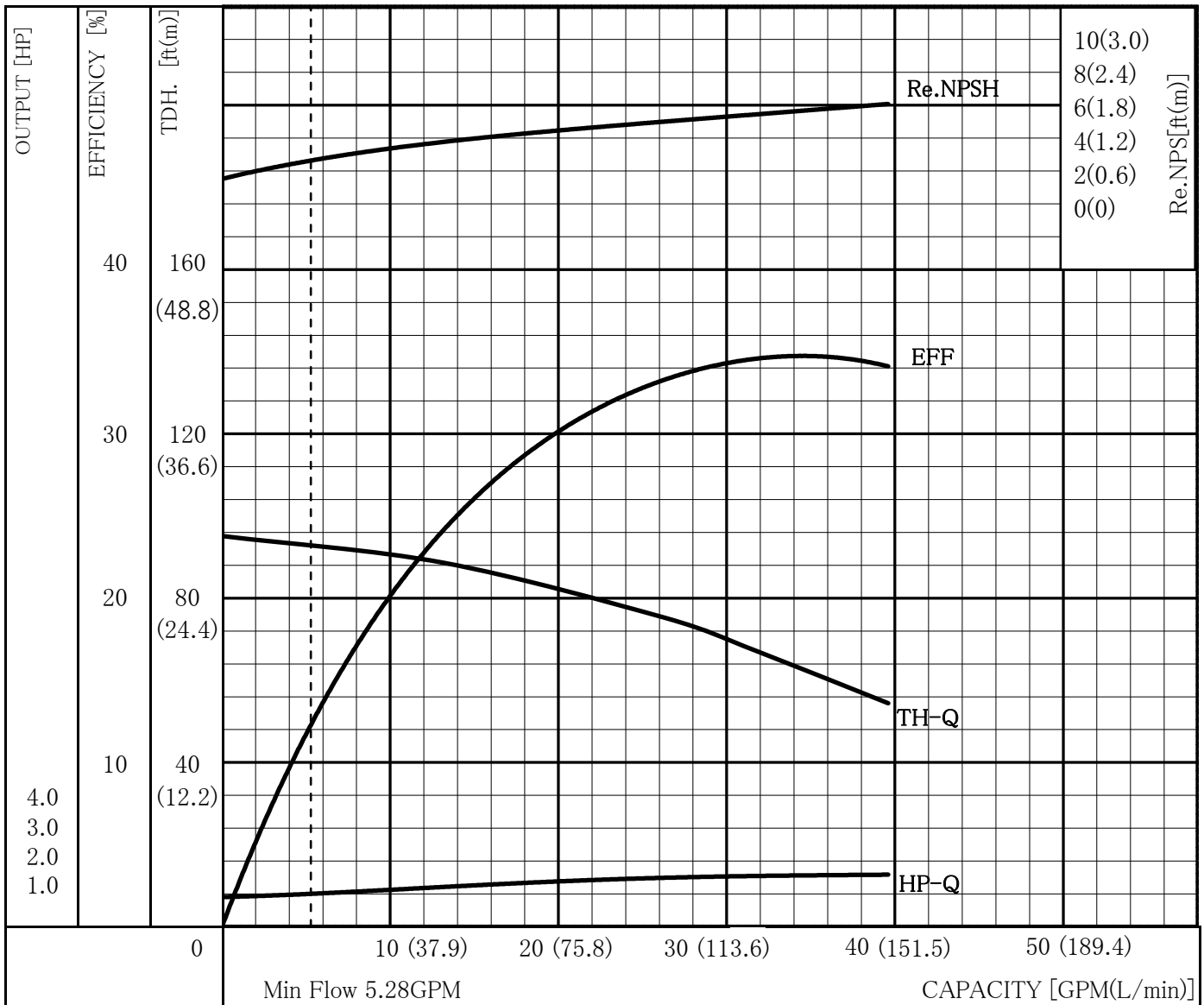


# Expected Performance Curvers

|             |            |
|-------------|------------|
| DATE        | 2024/9/2   |
| APPROVED BY | K.MIYAJIMA |
| TESTED BY   | T.YOSHIDA  |

| PUMP                |               |                    | MOTOR       |                        |
|---------------------|---------------|--------------------|-------------|------------------------|
| Pump Model          |               | Liquid Temperature | Motor Frame | Phase                  |
| YD-2502GS           |               | Ambient            | 56C         | 3                      |
| Suction × Discharge | Impeller Dia. | S.G.               | Pole        | Power                  |
| 1.0" × 1.0"         | 5.04 inch     | 1.3                | 2 P         | 2.0 HP                 |
| Max Capacity        | Max TDH       | Max Pressure       | Frequency   | Speed                  |
| 39.6 GPM            | 95.1 ft       | 53.6 PSI           | 60 Hz       | 3520 min <sup>-1</sup> |

| No. | CAPACITY | TDH. | WATER POWER | EFFICIENCY | OUTPUT |      |
|-----|----------|------|-------------|------------|--------|------|
|     | GPM      | ft   | kW          | %          | kW     | HP   |
| 1   | 0        | 95.1 | 0           | 0          | 0.68   | 0.91 |
| 2   | 13.2     | 88.6 | 0.220       | 24.2       | 0.91   | 1.21 |
| 3   | 26.4     | 75.1 | 0.373       | 33.3       | 1.12   | 1.49 |
| 4   | 31.7     | 67.3 | 0.401       | 34.6       | 1.16   | 1.55 |
| 5   | 39.6     | 54.5 | 0.406       | 34.1       | 1.19   | 1.59 |



This performance test is based on JIS B 8301,8302. The specific gravity of test liquid is 1.0, and the liquid is ambient temperature.