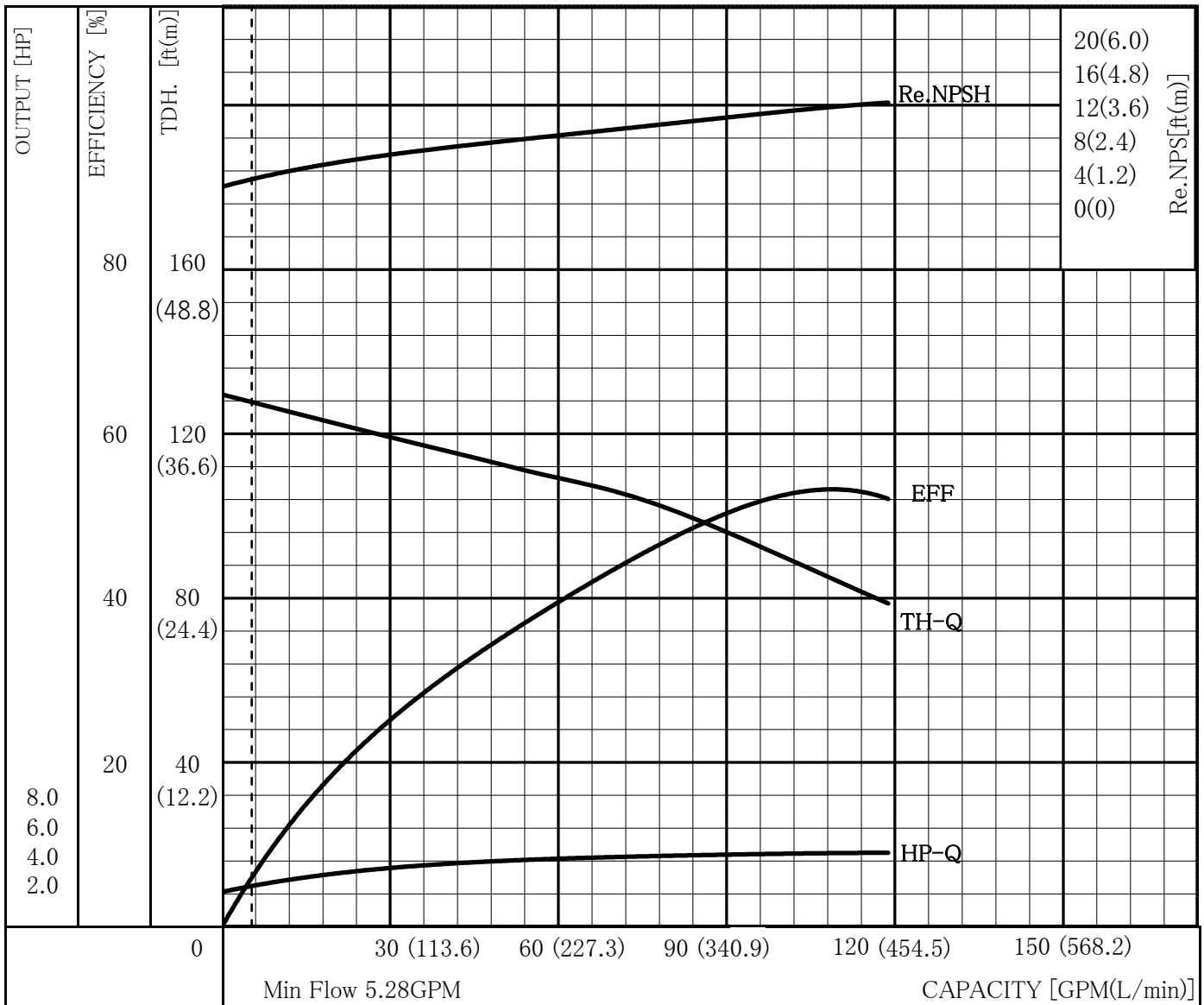


Expected Performance Curvers

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

| PUMP | | | MOTOR | |
|---------------------|---------------|--------------------|-------------|------------------------|
| Pump Model | | Liquid Temperature | Motor Frame | Phase |
| YD-4005GS | | Ambient | 184TC | 3 |
| Suction × Discharge | Impeller Dia. | S.G. | Pole | Power |
| 2.0" × 1-1/2" | 5.83 inch | 1.1 | 2 P | 5 HP |
| Max Capacity | Max TDH | Max Pressure | Frequency | Speed |
| 118.8 GPM | 129.6 ft | 61.8 PSI | 60 Hz | 3500 min ⁻¹ |

| No. | CAPACITY | TDH. | WATER POWER | EFFICIENCY | OUTPUT | |
|-----|----------|-------|-------------|------------|--------|------|
| | GPM | ft | kW | % | kW | HP |
| 1 | 0 | 129.6 | 0 | 0 | 1.59 | 2.12 |
| 2 | 26.4 | 120.4 | 0.598 | 23.0 | 2.60 | 3.47 |
| 3 | 52.8 | 111.5 | 1.108 | 36.5 | 3.04 | 4.05 |
| 4 | 79.2 | 102.0 | 1.521 | 46.9 | 3.24 | 4.32 |
| 5 | 118.8 | 78.7 | 1.760 | 52.1 | 3.38 | 4.51 |



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.