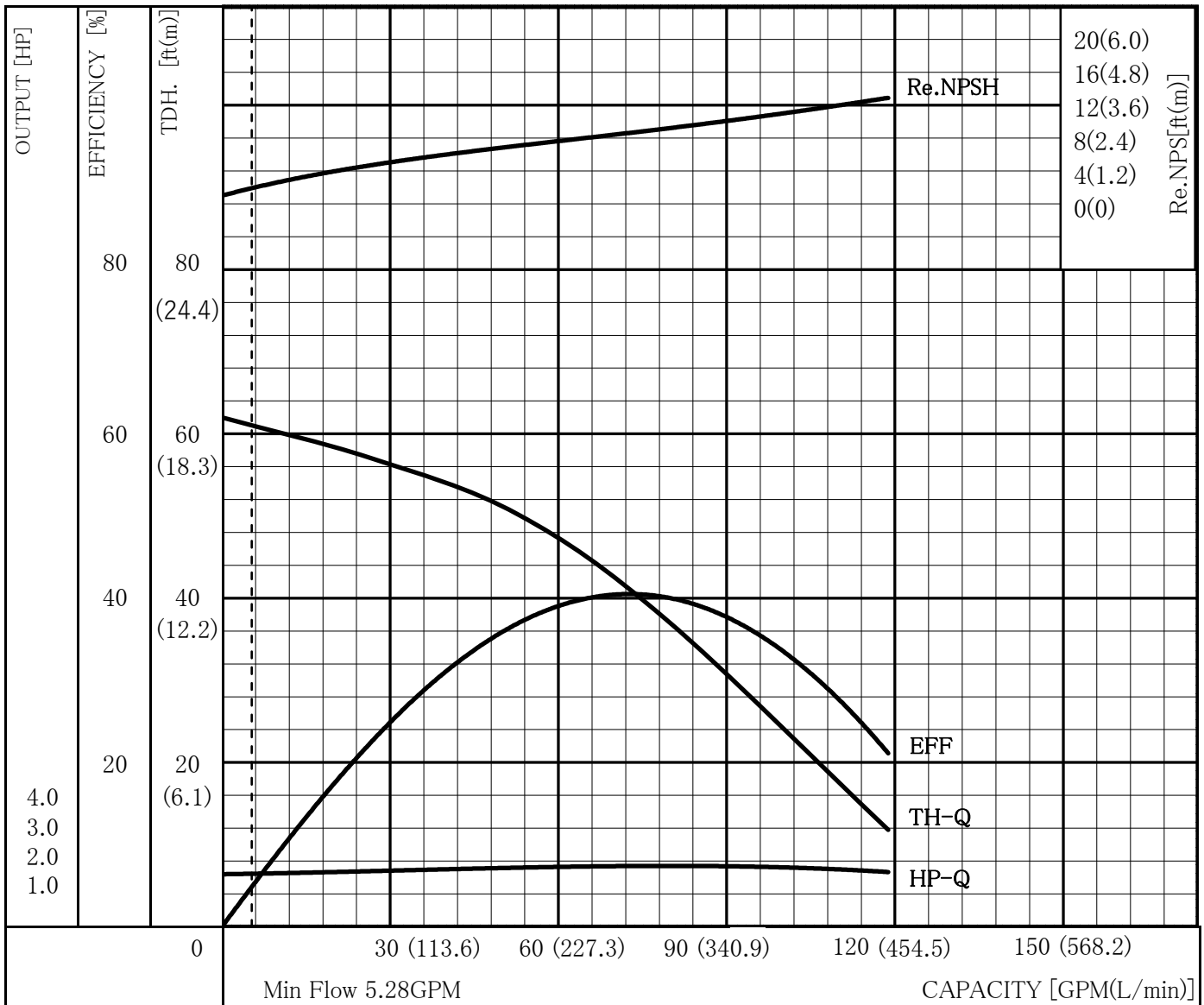


Expected Performance Curvers

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

| PUMP | | | MOTOR | |
|---------------------|---------------|--------------------|-------------|------------------------|
| Pump Model | | Liquid Temperature | Motor Frame | Phase |
| YD-5003AVP | | Ambient | 182TC | 3 |
| Suction × Discharge | Impeller Dia. | S.G. | Pole | Power |
| 2-1/2" × 2.0" | 4.88 inch | 1.4 | 2 P | 3 HP |
| Max Capacity | Max TDH | Max Pressure | Frequency | Speed |
| 118.8 GPM | 62.0 ft | 37.6 PSI | 60 Hz | 3450 min ⁻¹ |

| No. | CAPACITY | TDH. | WATER POWER | EFFICIENCY | OUTPUT | |
|-----|----------|------|-------------|------------|--------|------|
| | GPM | ft | kW | % | kW | HP |
| 1 | 0 | 62.0 | 0 | 0 | 1.20 | 1.60 |
| 2 | 26.4 | 57.1 | 0.284 | 22.3 | 1.27 | 1.69 |
| 3 | 52.8 | 50.2 | 0.499 | 36.9 | 1.35 | 1.80 |
| 4 | 79.2 | 37.4 | 0.557 | 40.1 | 1.39 | 1.85 |
| 5 | 118.8 | 11.8 | 0.264 | 21.1 | 1.25 | 1.67 |



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.