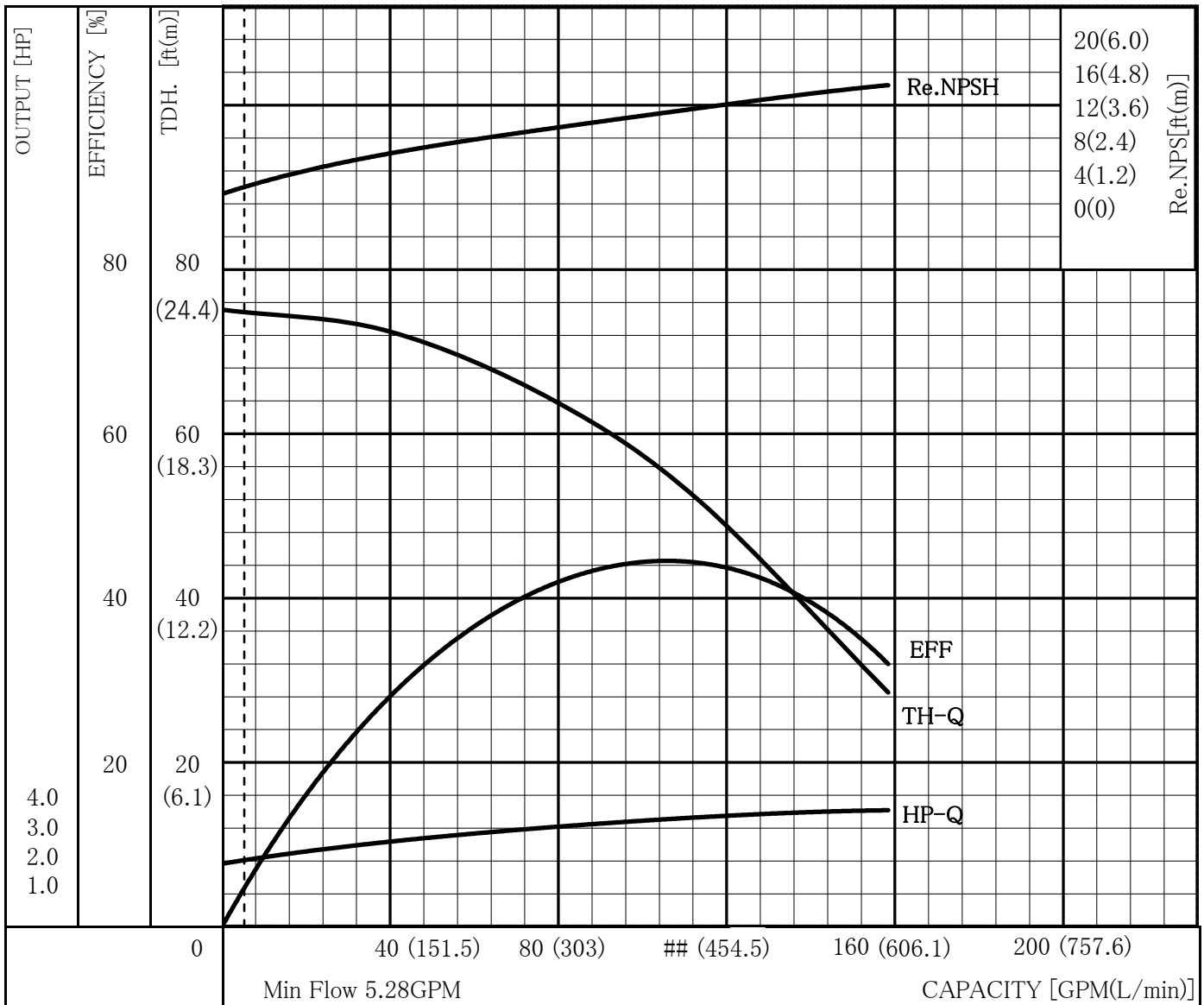


Expected Performance Curvers

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

| PUMP | | | MOTOR | |
|---------------------|---------------|--------------------|-------------|------------|
| Pump Model | | Liquid Temperature | Motor Frame | Phase |
| YD-5005AVP | | Ambient | 184TC | 3 |
| Suction × Discharge | Impeller Dia. | S.G. | Pole | Power |
| 2-1/2" × 2.0" | 4.72 inch | 1.4 | 2 P | 5 HP |
| Max Capacity | Max TDH | Max Pressure | Frequency | Speed |
| 158.4 GPM | 75.1 ft | 45.6 PSI | 60 Hz | 3450 min-1 |

| No. | CAPACITY | TDH. | WATER POWER | EFFICIENCY | OUTPUT | |
|-----|----------|------|-------------|------------|--------|------|
| | GPM | ft | kW | % | kW | HP |
| 1 | 0 | 75.1 | 0 | 0 | 1.44 | 1.92 |
| 2 | 39.6 | 72.5 | 0.540 | 27.9 | 1.94 | 2.59 |
| 3 | 79.2 | 64.0 | 0.954 | 41.8 | 2.28 | 3.04 |
| 4 | 113.5 | 51.8 | 1.107 | 44.3 | 2.50 | 3.33 |
| 5 | 158.4 | 28.5 | 0.851 | 32.0 | 2.66 | 3.55 |



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.