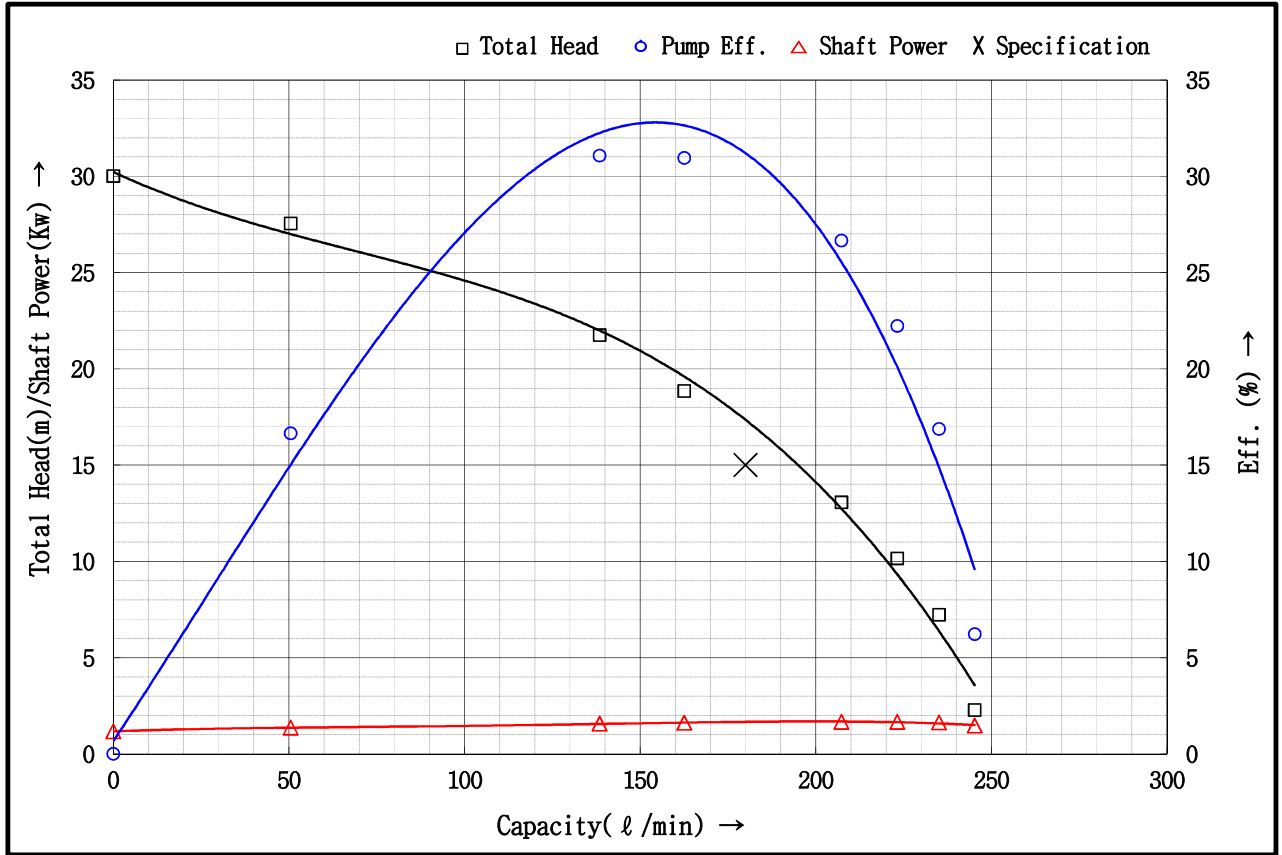


PUMP TEST REPORT

■ PERFORMANCE CURVE



■ PERFORMANCE DATA

| | | | | | | | | |
|------------------|-------|-------|--------|--------|--------|--------|--------|--------|
| Capacity (l/min) | 0.00 | 50.50 | 138.40 | 162.50 | 207.30 | 223.20 | 235.10 | 245.20 |
| Dis. Head (m) | 29.50 | 27.00 | 21.00 | 18.00 | 12.00 | 9.00 | 6.00 | 1.00 |
| Suc. Head (m) | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| Speed Head (m) | 0.00 | 0.03 | 0.25 | 0.34 | 0.56 | 0.64 | 0.72 | 0.78 |
| Total Head (m) | 30.00 | 27.53 | 21.75 | 18.84 | 13.06 | 10.14 | 7.22 | 2.28 |
| Water Power (kW) | 0.00 | 0.23 | 0.49 | 0.50 | 0.44 | 0.37 | 0.28 | 0.09 |
| Shaft Power (kW) | 1.17 | 1.36 | 1.58 | 1.61 | 1.65 | 1.66 | 1.64 | 1.46 |
| Pump Eff. (%) | 0.00 | 16.65 | 31.07 | 30.94 | 26.66 | 22.22 | 16.87 | 6.22 |
| Speed (rpm) | 3467 | 3422 | 3406 | 3398 | 3390 | 3388 | 3390 | 3414 |
| Voltage (V) | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 |
| Current (A) | 9.02 | 10.50 | 11.70 | 12.00 | 12.10 | 12.10 | 12.00 | 11.00 |
| Motor Input (kW) | 1.398 | 1.620 | 1.880 | 1.920 | 1.970 | 1.977 | 1.951 | 1.742 |
| Motor Eff. (%) | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |

■ SPECIFICATION FOR PUMP & MOTOR

| PUMP SPECIFICATION | | MOTOR SPECIFICATION | | | | TEST CONDITION | | |
|--------------------|-------------|---------------------|-----|-------------|------|----------------|------------|------------|
| Capacity | 180 (l/min) | Phase (Φ) | 3 | Output(kW) | 1.5 | S/Pipe(mm) | D/Pipe(mm) | H/Diff.(m) |
| Total Head | 15 (m) | Pole (P) | 2 | Freq.(Hz) | 60 | 40 | 32 | |
| Efficiency | (%) | Volt. (V) | 220 | Current(A) | 13 | Flow Meter | R.T (°C) | W.T (°C) |
| I/P Out-Dia | (mm) | Eff. (%) | 84 | Maker | WILO | Turbin | | 20 |
| Item No. | | Serial No. | | Inspector | | Run (Hr) | B/R (°C) | Test Date |
| Model | PBI-L991MA | Customer | | | | 0.5 | | |
| Checked By | | | | Approved By | | | | |