

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | NO.<br>図番         |                | A-19856-1               |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|----------------|-------------------------|--|-------------------|---------------|-------------------|----------------|-----|----|------|----|-----|----|------|---|
| 性能曲線図 PUMP PERFORMANCE CURVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                   |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| TYPE<br>名 称                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | 循環ポンプ             |                | MODEL<br>型 式            |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 25TPHZ-2021A      |                | FREQUENCY<br>周波数        |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 50                |                | Hz                      |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| CUSTOMER'S NAME<br>御注文先                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                   |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| EQUIPMENT TITLE<br>機器名称                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                   |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 殿                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                   |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                   |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 標 準 仕 様           |                | STANDARD SPECIFICATIONS |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 口 径 : DISCHARGE BORE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               | 25                |                | mm                      |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 全揚程 : TOTAL HEAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               | -                 |                | m                       |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 吐出し量 : CAPACITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | -                 |                | m³/min                  |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 出 力 : MOTOR OUTPUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | 0.2               |                | kW                      |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 相×電圧 : PHASE×VOLTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               | 1 φ× 100          |                | V                       |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 電 流 : CURRENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | 4.8               |                | A                       |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 極数: POLES / 回転数: REVOLUTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | 2 P / s. s. 3000  |                | min⁻¹                   |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 始動方式 : STARTING METHOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | コンデンサ運転           |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 絶縁階級 : INSULATION CLASS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               | B                 |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| REMARKS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                   |                |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| <p>The graph plots three performance metrics against Capacity (m³/min) on the x-axis. The y-axis has three scales: Pump Efficiency (%) from 10 to 100, Motor Output (kW) from 0.1 to 1.0, and Total Head (m) from 4 to 24. The 'PUMP EFF.' curve starts at ~65% at 0 capacity and peaks at ~60% around 0.1 m³/min. The 'TOTAL HEAD' curve starts at ~12m at 0 capacity and decreases to ~8m at 0.1 m³/min. The 'OUTPUT' curve starts at ~0.15 kW at 0 capacity and increases slightly to ~0.2 kW at 0.1 m³/min.</p> <table border="1"><thead><tr><th>CAPACITY (m³/min)</th><th>PUMP EFF. (%)</th><th>MOTOR OUTPUT (kW)</th><th>TOTAL HEAD (m)</th></tr></thead><tbody><tr><td>0.0</td><td>65</td><td>0.15</td><td>12</td></tr><tr><td>0.1</td><td>60</td><td>0.20</td><td>8</td></tr></tbody></table> |               |                   |                |                         |  | CAPACITY (m³/min) | PUMP EFF. (%) | MOTOR OUTPUT (kW) | TOTAL HEAD (m) | 0.0 | 65 | 0.15 | 12 | 0.1 | 60 | 0.20 | 8 |
| CAPACITY (m³/min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PUMP EFF. (%) | MOTOR OUTPUT (kW) | TOTAL HEAD (m) |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 65            | 0.15              | 12             |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 60            | 0.20              | 8              |                         |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | kW                |                | m                       |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| PUMP EFF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | MOTOR OUTPUT      |                | TOTAL HEAD              |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| ポンプ効率                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               | 出力                |                | 全揚程                     |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | CAPACITY          |                | 吐出し量                    |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 0.1               |                | 0.2                     |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |                   |                | m³/min                  |  |                   |               |                   |                |     |    |      |    |     |    |      |   |
| 株式会社 鶴見製作所                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                   |                | TSURUMI MFG. CO., LTD.  |  |                   |               |                   |                |     |    |      |    |     |    |      |   |