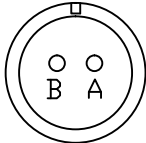
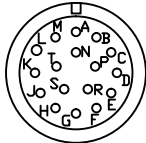
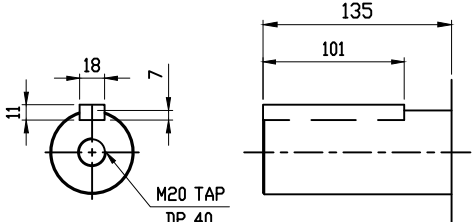
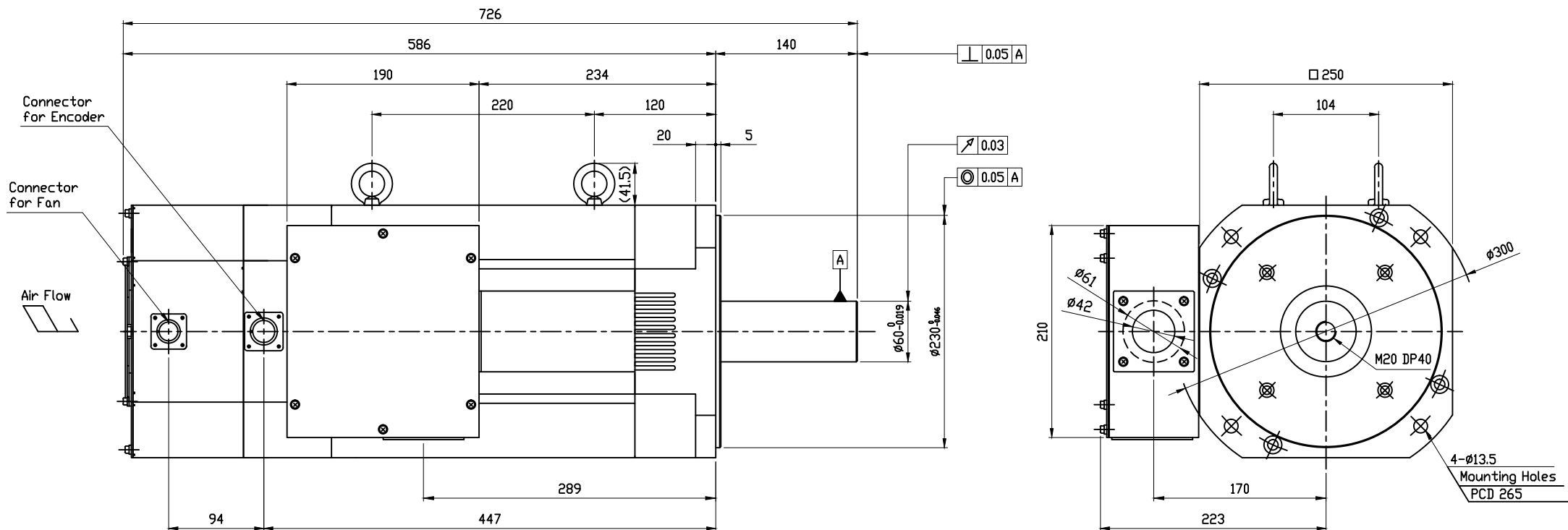


| MOTOR SPEC      |                             | CONNECTOR PIN MAP                                                                                                                                                                                                                                                     |           | DETAIL 'SHAFT END' |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
|-----------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|---|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|-----|---|-----|---|-----|---|-----|---|----|---|----|---|----|---|--------|---|-------------------------------------------------------------------------------------|
| 정격 출력           | 37 kW                       |  <table><tr><th>FAN<br/>신호</th><th>PIN<br/>번호</th></tr><tr><td>+</td><td>A</td></tr><tr><td>-</td><td>B</td></tr></table> <p>MS3102A18-3P</p> <p>&lt;Fan Cable Connector 접속도&gt;</p> | FAN<br>신호 | PIN<br>번호          | + | A | - | B |  <table><tr><th>ENCODER<br/>신호</th><th>PIN<br/>번호</th></tr><tr><td>GND</td><td>G</td></tr><tr><td>VCC</td><td>H</td></tr><tr><td>BT+</td><td>K</td></tr><tr><td>BT-</td><td>L</td></tr><tr><td>FG</td><td>N</td></tr><tr><td>SD</td><td>P</td></tr><tr><td>SD</td><td>R</td></tr><tr><td>SHIELD</td><td>J</td></tr></table> <p>MS3102A20-29P</p> <p>&lt;17bit Encoder Connector 접속도&gt;</p> | ENCODER<br>신호 | PIN<br>번호 | GND | G | VCC | H | BT+ | K | BT- | L | FG | N | SD | P | SD | R | SHIELD | J |  |
| FAN<br>신호       | PIN<br>번호                   |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| +               | A                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| -               | B                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| ENCODER<br>신호   | PIN<br>번호                   |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| GND             | G                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| VCC             | H                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| BT+             | K                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| BT-             | L                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| FG              | N                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| SD              | P                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| SD              | R                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| SHIELD          | J                           |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| 정격 토크           | 236 N·m                     |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| 순간 최대 토크        | 590 N·m                     |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| 최고 회전 속도        | 1500/2000 min <sup>-1</sup> |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| Rotor Inertia   | 0.06085 kg/m <sup>2</sup>   |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |
| Mounting Method | Flange                      |                                                                                                                                                                                                                                                                       |           |                    |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |           |     |   |     |   |     |   |     |   |    |   |    |   |    |   |        |   |                                                                                     |



#### 주 기

1. Weight : 120 kg
2. I-Bolt : M10

|                      |     |             |                      |                    |                |              |
|----------------------|-----|-------------|----------------------|--------------------|----------------|--------------|
| 삼 각 법                | 단 위 | mm          | 척 도                  | <div>N<br/>S</div> | 명<br><br><br>칭 | HMATN370PB00 |
| 제 도                  | 설 계 | 검 도         | 승 인                  |                    |                |              |
| 2012.06.28<br>대리 이정민 |     | <div></div> | 2012.06.28<br>부장 최문석 |                    |                |              |
| HIDEN                |     |             |                      |                    |                | N250, 380V   |