



ECMA-E11315ES 無煞車

ECMA-E11315FS 有煞車



ASD-A2-1521B

1500W 馬達

搭配線材



編碼器連接線-可客製化長度



動力連接線-可客製化長度



伺服連接線-可客製化長度

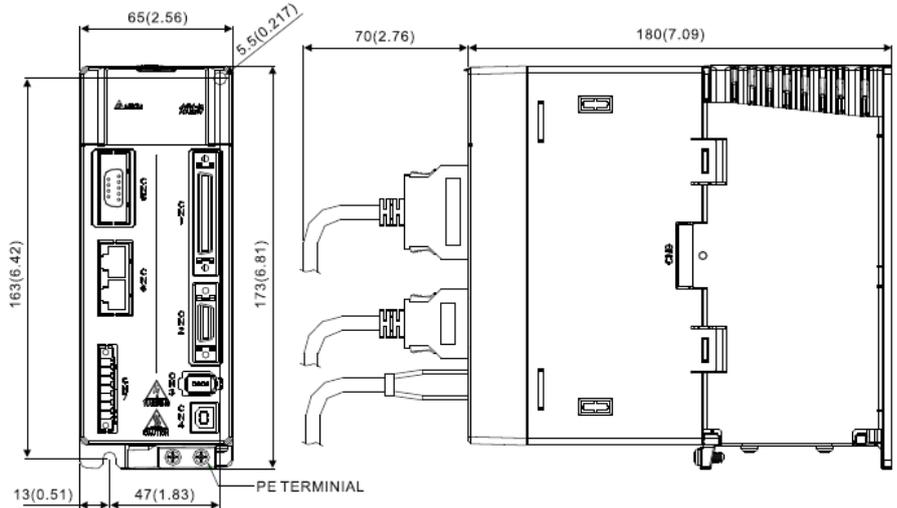
| 機型 ECMA                   | E113                |          |           |           | E118      |           | F118      | G113     |          |          |
|---------------------------|---------------------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|
|                           | 05                  | 10       | 15        | 20        | 20        | 30        | 30        | 03       | 06       | 09       |
| 額定功率 (kW)                 | 0.5                 | 1.0      | 1.5       | 2.0       | 2.0       | 3.0       | 3.0       | 0.3      | 0.6      | 0.9      |
| 額定扭矩 (N-m)                | 2.39                | 4.77     | 7.16      | 9.55      | 9.55      | 14.32     | 19.10     | 2.86     | 5.73     | 8.59     |
| 最大扭矩 (N-m)                | 7.16                | 14.3     | 21.48     | 28.65     | 28.65     | 42.97     | 57.29     | 8.59     | 17.19    | 21.48    |
| 額定轉速 (r/min)              | 2000                |          |           |           |           |           | 1500      | 1000     |          |          |
| 最高轉速 (r/min)              | 3000                |          |           |           |           |           |           | 2000     |          |          |
| 額定電流 (A)                  | 2.9                 | 5.6      | 8.3       | 11.01     | 11.22     | 16.1      | 19.4      | 2.5      | 4.8      | 7.5      |
| 瞬時最大電流 (A)                | 8.7                 | 16.8     | 24.9      | 33.03     | 33.66     | 48.3      | 58.2      | 7.5      | 14.4     | 22.5     |
| 每秒最大功率 (kW/s)             | 7.0                 | 27.1     | 45.9      | 62.5      | 26.3      | 37.3      | 66.4      | 10.0     | 39.0     | 66.0     |
| 轉子慣量 (kg-m <sup>2</sup> ) | 8.17E-4             | 8.41E-4  | 11.18E-4  | 14.59E-4  | 34.68E-4  | 54.95E-4  | 54.95E-4  | 8.17E-4  | 8.41E-4  | 11.18E-4 |
| 機械常數 (ms)                 | 1.91                | 1.51     | 1.10      | 0.96      | 1.62      | 1.06      | 1.28      | 1.84     | 1.40     | 1.06     |
| 扭矩常數-KT (N-m/A)           | 0.83                | 0.85     | 0.87      | 0.87      | 0.85      | 0.89      | 0.98      | 1.15     | 1.19     | 1.15     |
| 電壓常數-KE (mV/(r/min))      | 30.9                | 31.9     | 31.8      | 31.8      | 31.4      | 32        | 35        | 42.5     | 43.8     | 41.6     |
| 電機阻抗 (Ohm)                | 0.57                | 0.47     | 0.26      | 0.174     | 0.119     | 0.052     | 0.077     | 1.06     | 0.82     | 0.43     |
| 電機感抗 (mH)                 | 7.39                | 5.99     | 4.01      | 2.76      | 2.84      | 1.38      | 1.27      | 14.29    | 11.12    | 6.97     |
| 電氣常數 (ms)                 | 12.96               | 12.88    | 15.31     | 15.86     | 23.87     | 26.39     | 16.51     | 13.55    | 13.50    | 16.06    |
| 絕緣等級                      | A 級 (UL) , B 級 (CE) |          |           |           |           |           |           |          |          |          |
| 絕緣阻抗                      | 100MW , DC 500V以上   |          |           |           |           |           |           |          |          |          |
| 絕緣耐壓                      | AC 1500 V, 60 秒     |          |           |           |           |           |           |          |          |          |
| 重量 - 不帶煞車 (kg)            | 6.8                 | 7        | 7.5       | 7.8       | 13.5      | 18.5      | 18.5      | 6.8      | 7        | 7.5      |
| 重量 - 帶煞車 (kg)             | 8.2                 | 8.4      | 8.9       | 9.2       | 17.5      | 22.5      | 22.5      | 8.2      | 8.4      | 8.9      |
| 徑向最大荷重 (N)                | 490                 | 490      | 490       | 490       | 1176      | 1470      | 1470      | 490      | 490      | 490      |
| 軸向最大荷重 (N)                | 98                  | 98       | 98        | 98        | 490       | 490       | 490       | 98       | 98       | 98       |
| 每秒最大功率(kW/s)含煞車           | 6.4                 | 24.9     | 43.1      | 59.7      | 24.1      | 35.9      | 63.9      | 9.2      | 35.9     | 62.1     |
| 轉子慣量 (kg.m) 含煞車           | 8.94-E-4            | 9.14-E-4 | 11.90-E-4 | 15.88-E-4 | 37.86-E-4 | 57.06-E-4 | 57.06-E-4 | 8.94-E-4 | 9.14-E-4 | 11.9-E-4 |
| 機械常數 (ms) 含煞車             | 2.07                | 1.64     | 1.19      | 1.05      | 1.77      | 1.10      | 1.33      | 2.0      | 1.51     | 1.13     |
| 剎車保持扭矩 [Nt-m (min)]       | 16.5                | 16.5     | 16.5      | 16.5      | 25        | 25        | 25        | 16.5     | 16.5     | 16.5     |
| 剎車消耗功率 (at 20C) [W]       | 21.0                | 21.0     | 21.0      | 21.0      | 31.1      | 31.1      | 31.1      | 21.0     | 21.0     | 21.0     |
| 剎車釋放時間 [ms (Max)]         | 5.0                 | 5.0      | 5.0       | 5.0       | 5.0       | 5.0       | 5.0       | 5.0      | 5.0      | 5.0      |
| 剎車吸引時間 [ms (Max)]         | 25.0                | 25.0     | 25.0      | 25.0      | 25.0      | 25.0      | 25.0      | 25.0     | 25.0     | 25.0     |
| 振動級數 (mm)                 | 15                  |          |           |           |           |           |           |          |          |          |



➤ 驅動器尺寸

750W / 1.0kW / 1.5kW

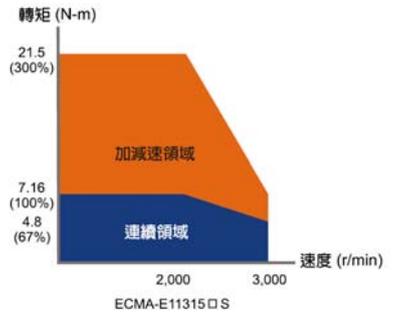
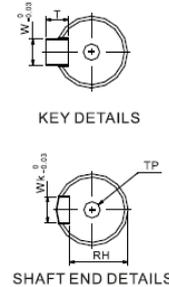
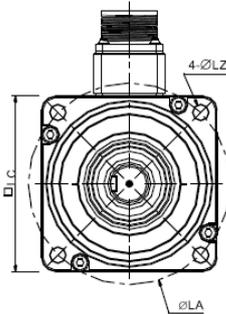
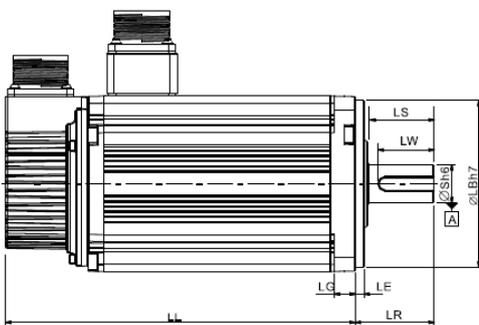
重量  
2.0 (4.4)



➤ 外觀尺寸

● ECMA 系列馬達 100 框號 (含) 以上系列 (Units : mm)

➤ T-N 曲線



1500W 馬達

| Model    | E11310□S            | E11315□S            | C11020□S            | E11320□7            | E11820□S                | E11830□S                | F11830□S                |
|----------|---------------------|---------------------|---------------------|---------------------|-------------------------|-------------------------|-------------------------|
| LC       | 130                 | 130                 | 100                 | 130                 | 180                     | 180                     | 180                     |
| LZ       | 9                   | 9                   | 9                   | 9                   | 13.5                    | 13.5                    | 13.5                    |
| LA       | 145                 | 145                 | 115                 | 145                 | 200                     | 200                     | 200                     |
| S        | 22                  | 22                  | 22                  | 22                  | 35                      | 35                      | 35                      |
| LB       | 110                 | 110                 | 95                  | 110                 | 114.3                   | 114.3                   | 114.3                   |
| LL(不帶煞車) | 147.5               | 167.5               | 199                 | 187.5               | 169                     | 202.1                   | 202.1                   |
| LL(帶煞車)  | 183.5               | 202                 | 226                 | 216                 | 203.1                   | 235.3                   | 235.1                   |
| LS       | 47                  | 47                  | 37                  | 47                  | 73                      | 73                      | 73                      |
| LR       | 55                  | 55                  | 45                  | 55                  | 79                      | 79                      | 79                      |
| LE       | 6                   | 6                   | 5                   | 6                   | 4                       | 4                       | 4                       |
| LG       | 11.5                | 11.5                | 12                  | 11.5                | 20                      | 20                      | 20                      |
| LW       | 36                  | 36                  | 32                  | 36                  | 63                      | 63                      | 63                      |
| RH       | 18                  | 18                  | 18                  | 18                  | 30                      | 30                      | 30                      |
| WK       | 8                   | 8                   | 8                   | 8                   | 10                      | 10                      | 10                      |
| W        | 8                   | 8                   | 8                   | 8                   | 10                      | 10                      | 10                      |
| T        | 7                   | 7                   | 7                   | 7                   | 8                       | 8                       | 8                       |
| TP       | M6xP1<br>Depth:20mm | M6xP1<br>Depth:20mm | M6xP1<br>Depth:20mm | M6xP1<br>Depth:20mm | M12xP1.75<br>Depth:25mm | M12xP1.75<br>Depth:25mm | M12xP1.75<br>Depth:25mm |