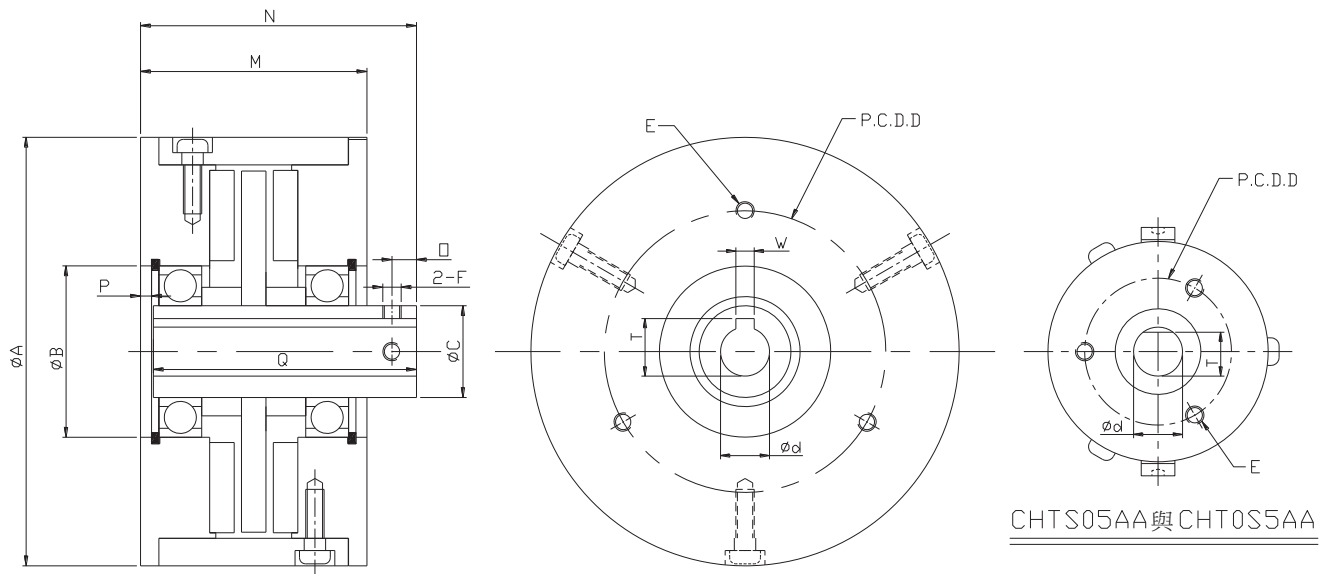


# CHT Series

## 永磁式磁滯扭力控制器 Permanent Magnet Hysteresis Clutches & Brakes



| 型號 MODEL                                |          | CHTS05AA*             | CHT0S5AA*              | CHT1S2AA               | CHT2S5AA              | CHT005AA              | CHT010AA              | CHT030AA              |
|-----------------------------------------|----------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 定格扭力 Rated torque [N · m]               |          | 0.0014~0.007          | 0.01~0.05              | 0.02~0.20              | 0.05~0.40             | 0.05~0.75             | 0.2~1.5               | 0.3~3.0               |
| 容許滑動功率<br>Heat Dissipation(W)           |          | 3                     | 9                      | 15                     | 20                    | 30                    | 45                    | 70                    |
| 最高轉速 Max. Speed (RPM)                   |          | 3600                  | 3600                   | 1800                   | 1800                  | 1800                  | 1800                  | 1000                  |
| 慣性矩 Inertia<br>J (kg · m <sup>2</sup> ) | 本體 Body  | 4 X10 <sup>-6</sup>   | 0.2X10 <sup>-4</sup>   | 0.78X10 <sup>-4</sup>  | 2.24X10 <sup>-4</sup> | 4.4X10 <sup>-4</sup>  | 12.4X10 <sup>-4</sup> | 56.5X10 <sup>-4</sup> |
|                                         | 軸心 Shaft | 0.28X10 <sup>-6</sup> | 0.029X10 <sup>-4</sup> | 0.079X10 <sup>-4</sup> | 0.26X10 <sup>-4</sup> | 0.41X10 <sup>-4</sup> | 1.08X10 <sup>-4</sup> | 6.3X10 <sup>-4</sup>  |
| 外型尺寸<br>Exterior<br>Dimensions          | A        | 26                    | 36                     | 47                     | 60                    | 70                    | 82                    | 118                   |
|                                         | B        | 10                    | 14                     | 22                     | 28                    | 28                    | 47                    | 62                    |
|                                         | C        | -                     | -                      | 18                     | 12                    | 15                    | 25                    | 35                    |
|                                         | D        | 15.5                  | 24                     | 32                     | 40                    | 46                    | 60                    | 76.2                  |
|                                         | E        | 3-M3×4.5L             | 3-M3×5L                | 3-M3×6L                | 3-M3×6L               | 3-M3×6L               | 3-M4×12L              | 3-M5×12L              |
|                                         | F        | -                     | -                      | 2-M3                   | 2-M3                  | 2-M3                  | 2-M4                  | 2-M4                  |
|                                         | M        | 21                    | 25.5                   | 32.5                   | 35                    | 37                    | 50                    | 55                    |
|                                         | N        | 35                    | 45                     | 39.5                   | 42                    | 45                    | 57                    | 65                    |
|                                         | O        | -                     | -                      | 3                      | 3                     | 4                     | 4                     | 6                     |
|                                         | P        | 1                     | 2                      | 1.5                    | 1.8                   | 1.8                   | 1.5                   | 1.5                   |
|                                         | Q        | -                     | -                      | 37.5                   | 40                    | 43                    | 54                    | 61                    |
|                                         | W        | -                     | -                      | -                      | -                     | 3                     | 5                     | 5                     |
|                                         | T        | 4.5                   | 7.7                    | -                      | -                     | 9.4                   | 17.3                  | 18.3                  |
|                                         | d        | 5                     | 8                      | 6                      | 6                     | 8                     | 15                    | 16                    |
| 重量 (kg)                                 |          | 0.05                  | 0.15                   | 0.3                    | 0.5                   | 0.8                   | 1.5                   | 3.5                   |

\*CHTS05AA 與 CHT0S5AA 是軸心形式

\*CHTS05AA and CHT0S5AA are solid-shaft type