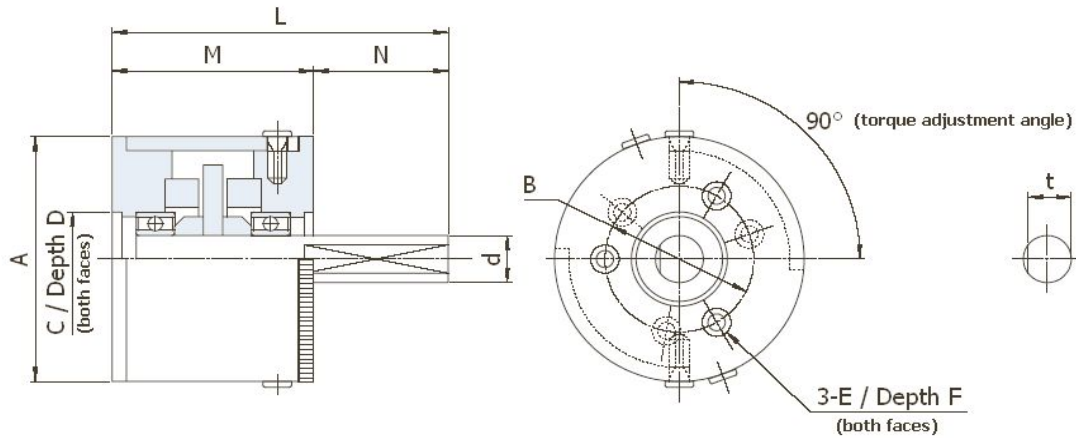


# PHT-D

## PM Hysteresis Torque Controller

Types: 0.02, 0.05, 0.5

[ PM: Permanent Magnet ]



| PHT                                            |       | 0.02D          | 0.05D         | 0.5D         |
|------------------------------------------------|-------|----------------|---------------|--------------|
| Torque Range [in-lbs]                          |       | 0.0049 ~ 0.031 | 0.012 ~ 0.062 | 0.089 ~ 0.44 |
| Torque Range [gf-cm]                           |       | 5.6 ~ 35.7     | 14.3 ~ 71.4   | 102 ~ 509.9  |
| Max Slip Speed [rpm]                           |       | 3600           | 3600          | 3600         |
| Max Slip Wattage [W]                           |       | 1.32           | 2.65          | 9.2          |
| Moment of Inertia (J)<br>[kg-cm <sup>2</sup> ] | Body  | 0.04           | 0.04          | 0.19         |
|                                                | Shaft | 0.0009         | 0.0028        | 0.0375       |
| Shaft [mm]                                     | dh7   | 5              | 5             | 8            |
|                                                | t     | 4.5            | 4.5           | 7.7          |
| Dimensions<br>[mm]                             | A     | 26             | 26            | 36           |
|                                                | B     | 15.5           | 15.5          | 24           |
|                                                | CH7   | 10             | 10            | 14           |
|                                                | D     | 1              | 1             | 2            |
|                                                | E     | M3             | M3            | M3           |
|                                                | F     | 4.5            | 4.5           | 5.5          |
|                                                | L     | 35             | 35            | 45           |
|                                                | M     | 21             | 21            | 25.5         |
|                                                | N     | 14             | 14            | 19.5         |
| Weight [lbs]                                   |       | 0.11           | 0.12          | 0.32         |

[ 1" = 25.4mm ]