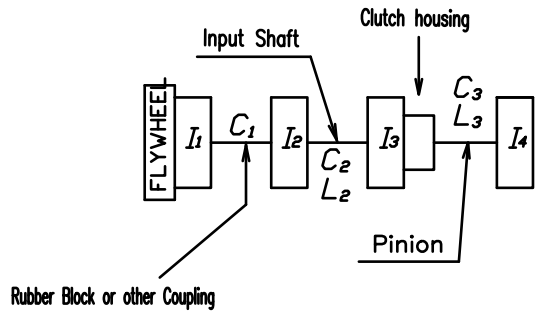
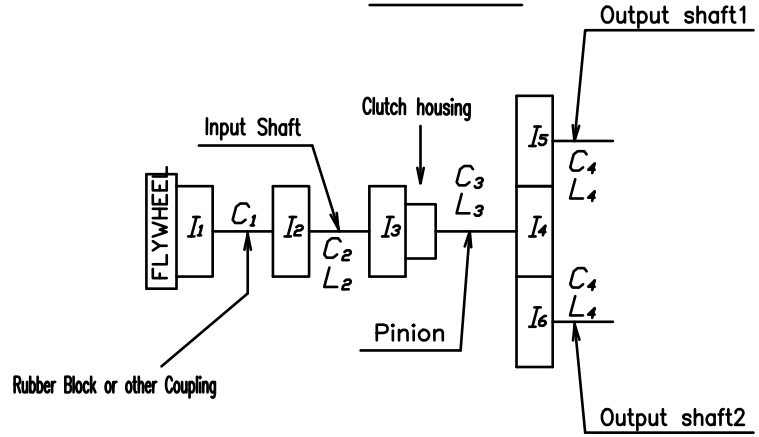
DWG.NO. T41000-2 REV. 000

## Neutral




## Operating




| OPTION 1 | Coupling Type | | Rubber Block Coupling | | |
|---|---|---|---|---|---|
| | | | STANDARD PULLEY | SAE#1-14" | SAE#2-11.5" |
| I1 I2 | Coupling | Dummy Plate $I_①$ | 0.1339 | — | — |
| | | Driving ring $I_②$ | 0.1438 | 0.4882 | 0.1438 |
| | | $I_①+I_②$ $I_1$ | 0.2777 | 0.4882 | 0.1438 |
| | | Spider $I_③$ | 0.1143 | ← | ← |
| | | Input coupling $I_④$ | 0.0155 | ← | ← |
| | | ③+④ $I_2$ | 0.1298 | ← | ← |
| | | $C_1$ | 2.06 | ← | ← |

| Part | | | Gear Ratio | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | A type(0.9787) | B type(0.6607) | C type(0.7692) | D type(0.86) | | |
| $I_4$ | Pinion + Disc Plate | Teeth No. | 47 | 56 | 52 | 50 | | |
| | | $L_3$ | 1,015 | 1,003 | 1,007 | 1,010 | | |
| | | $d_0$ | 119.0 | ← | ← | ← | | |
| | | Pinion $I_①$ | 0.1167 | 0.2103 | 0.1633 | 0.1432 | | |
| | | Disc $I_②$ | 0.0174 | ← | ← | ← | | |
| | | ①+② $I_4$ | 0.1341 | 0.2277 | 0.1807 | 0.1606 | | |
| | | $C_3$ | 9.6577 | 9.7774 | 9.7366 | 9.7096 | | |
| $I_5$, $I_6$ | Wheel | Teeth No. | 46 | 37 | 40 | 43 | | |
| | | $I_7$ | 0.1081 | 0.0446 | 0.0618 | 0.0828 | | |
| $I_3$ | Clutch Housing Assy | Clutch+Piston+Plate $I_③$ | 0.1443 | ← | ← | ← | | |
| | | Sinterd $I_④$ | 0.0205 | ← | ← | ← | | |
| | | ③+④ $I_3$ | 0.1648 | ← | ← | ← | | |
| | Input Shaft | $L_2$ | 9,252 | ← | ← | ← | | |
| | | $d_0$ | 72.00 | ← | ← | ← | | |
| | | $C_2$ | 1.06 | ← | ← | ← | | |
| | Output Shaft1 | $L_4$ | 2,948 | ← | ← | ← | | |
| | | $d_0$ | 95 | ← | ← | ← | | |
| | | $C_4$ | 3.3263 | ← | ← | ← | | |
| | Output Shaft2 | $L_4$ | 2,948 | ← | ← | ← | | |
| | | $d_0$ | 95 | ← | ← | ← | | |
| | | $C_4$ | 3.3263 | ← | ← | ← | | |

REMARK

1. $I_{xx}$=Moment of inertia [kg.m$^2$]
2. $d_o$=MIN, Shaft DIA. [mm]
3. L=Equivalent length(Calculated as shaft DIA. of 187.2mm [mm]
4. Stiffness Unit ( $C_n$) [MNm/rad]

| SYM. | DESCRIPTION | POSITION | REVISION | DATE | REV'D | APP'D |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| MATERIAL | | | | TYPE | ORIGINAL DWG. NO. |
| DATE 2015.08.25 | SCALE | | | | |
| APPROVED BY | CHECKED BY | DRAWN | DESIGNED | NAME | MASS ELASTIC SYSTEM |
| Kim Jin Kyung | | KS.Han | | DWG. NO. | T 4 1 0 0 0 0-2 REV. 000 |
| D-I IND CO., LTD. | | | | SIZE A | CODE ID. NO. |

6 SHEET OF

Dongi R&D-002(420 × 297)