

### 無背隙設計(雙導程，雙軸承設計，耐重負荷)

- Backlash-Free design ( duplex lead worm , twin bearing , heavy load )

### 特殊合金材質之蝸桿，進口精密軸承，可維持長久之定位精度

- Worm gear made of Special alloy steel , high quality bearing , maintain long-period positioning accuracy.

### 緊實結構，高剛性箱體

- Impact structure ; high rigidity boxing.

### 大型孔設計，螺桿可直接穿入主軸

- Big hole design , insert the ballscrew directly.

#### 應用範圍 APPLICATION :

動樑式龍門磨床 W 軸

The W axle of double column moving-cross rail machine center.

#### 機台應用實例

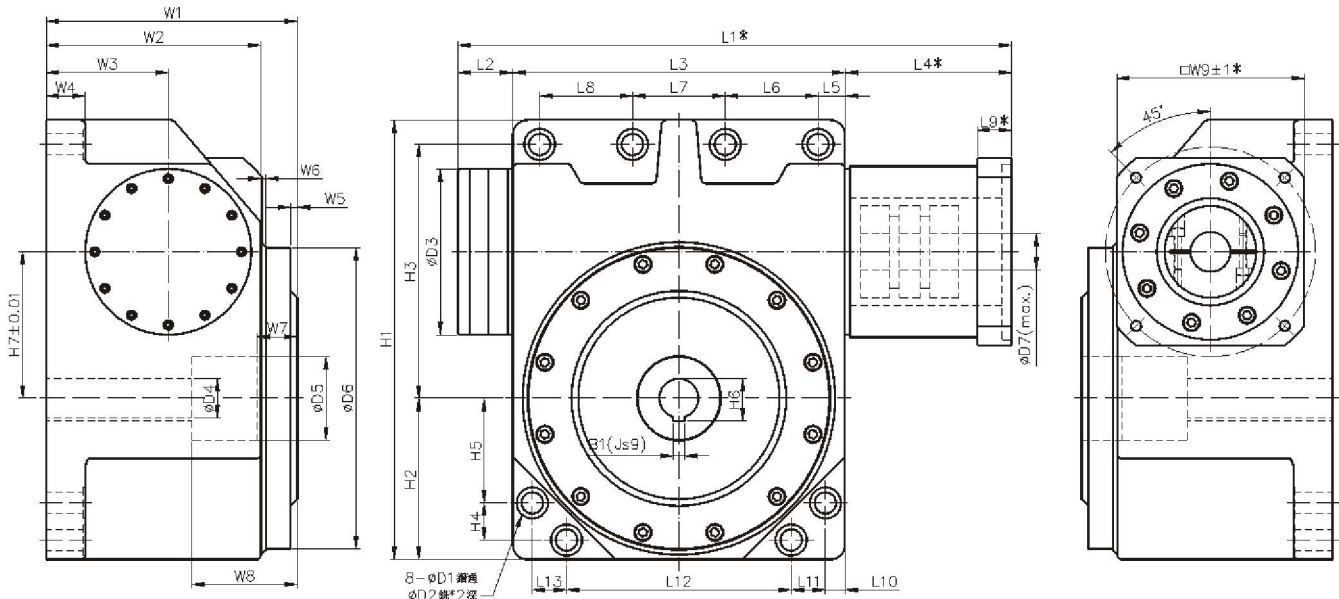
## 技術資料

The forth axle as index table

| 規 格 Size         |   | 減速比<br>↓ | DWG | DWG | DWG  | DWG  | DWG  |
|------------------|---|----------|-----|-----|------|------|------|
| 輸入轉速 Input Speed |   |          | 100 | 125 | 150  | 175  | 200  |
| 4000             | 額定扭矩<br>Nominal Output Torque T2N(Nm)         | 40       | 192 | 357 | 492  | 565  | 1000 |
|                  | 最大加速扭矩<br>Maximum Acceleration Torque T2B(Nm) |          | 259 | 482 | 664  | 762  | 1300 |
|                  | 效率 η<br>Efficiency (%)                        |          | 84  | 84  | 84   | 85   | 85   |
| 3000             | 額定扭矩<br>Nominal Output Torque T2N(Nm)         |          | 216 | 384 | 588  | 866  | 1200 |
|                  | 最大加速扭矩<br>Maximum Acceleration Torque T2B(Nm) |          | 291 | 518 | 794  | 1169 | 1560 |
|                  | 效率 η<br>Efficiency (%)                        |          | 81  | 83  | 84   | 84   | 84   |
| 2000             | 額定扭矩<br>Nominal Output Torque T2N(Nm)         |          | 259 | 493 | 743  | 976  | 1590 |
|                  | 最大加速扭矩<br>Maximum Acceleration Torque T2B(Nm) |          | 348 | 665 | 1003 | 1315 | 2060 |
|                  | 效率 η<br>Efficiency (%)                        |          | 79  | 80  | 81   | 82   | 83   |
| 1000             | 額定扭矩<br>Nominal Output Torque T2N(Nm)         |          | 335 | 586 | 988  | 1190 | 2100 |
|                  | 最大加速扭矩<br>Maximum Acceleration Torque T2B(Nm) |          | 452 | 790 | 1333 | 1605 | 2700 |
|                  | 效率 η<br>Efficiency (%)                        |          | 75  | 75  | 77   | 77   | 78   |



# 外觀尺寸 Dimensions



| 規格 Size  | DWG100L | DWG125L | DWG150L | DWG175L | DWG200L |
|----------|---------|---------|---------|---------|---------|
| B1       | 12      | 14      | 16      | 20      | 22      |
| D1       | 13.5    | 17.5    | 22      | 26      | 26      |
| D2       | 20      | 26      | 32      | 39      | 39      |
| D3       | 145     | 155     | 170     | 235     | 245     |
| D4       | 40      | 45      | 50      | 75      | 80      |
| D5       | -       | 75      | 85      | 95      | 115     |
| D6       | 226     | 267     | 308     | 361     | 407     |
| D7(max.) | 35      | 38      | 42      | 42      | 45      |
| H1       | 330     | 390     | 450     | 530     | 605     |
| H2       | 130     | 150     | 165     | 210     | 230     |
| H3       | 182.5   | 220     | 260     | 290     | 350     |
| H4       | 24.3    | 28      | 38      | 60      | 45      |
| H5       | 88.4    | 102.2   | 107     | 120     | 155     |
| H6       | 43.3    | 48.8    | 54.3    | 79.9    | 85.4    |
| H7       | 100     | 125     | 150     | 175     | 200     |
| ※L1      | 489     | 541     | 566.5   | 667.5   | 732.5   |
| L2       | 67      | 81      | 56      | 84.5    | 112.5   |
| L3       | 251     | 280     | 340     | 410     | 430     |
| L4       | 171     | 180     | 170.5   | 173     | 190     |
| L5       | 28      | 20      | 27.5    | 65      | 27.5    |
| L6       | 65      | 60      | 95      | 90      | 125     |
| L7       | 65      | 120     | 95      | 100     | 125     |
| L8       | 65      | 60      | 95      | 90      | 125     |
| ※L9      | 35      | 33      | 35      | 35      | 40      |
| L10      | 17.2    | 18.2    | 20      | 30      | 30      |
| L11      | 26.5    | 30.6    | 35      | 35      | 45      |
| L12      | 157.7   | 182.4   | 230     | 280     | 280     |
| L13      | 26.5    | 30.6    | 35      | 35      | 45      |
| W1       | 183     | 219     | 257     | 291     | 334     |
| W2       | 156.5   | 189.5   | 220     | 256     | 295     |
| W3       | 85.75   | 103     | 125     | 138     | 160     |
| W4       | 30.5    | 34.5    | 40      | 45      | 45      |
| W5       | 3.5     | 5       | 7       | -       | -       |
| W6       | 3       | 3       | 5       | 5       | 7       |
| W7       | -       | 27.5    | 41      | 32.3    | 35      |
| W8       | -       | 72.5    | 108     | 94.3    | 110     |

- ※此記號表示之尺寸視聯結之伺服馬達不同而有所變動。
- 本公司的產品不斷的研究創新，所示的各尺寸，若有變動，恕不另行通知，如需確實尺寸，可洽本公司。
- B1、D4、D5、H6、W7、W8如需變動尺寸，請與SUNUS聯絡。
- ※ Actual dimensions may vary with different servo motor collocation.
- Our products have been developing and innovating generally, so has their specification data above updating.
- If there is any change, it is subject to the updated dimensions we offer without any notice. Please contact us for updated data.
- If customized dimensions of B1, D4, D5, H6, W7, and W8 are necessary, please contact us.