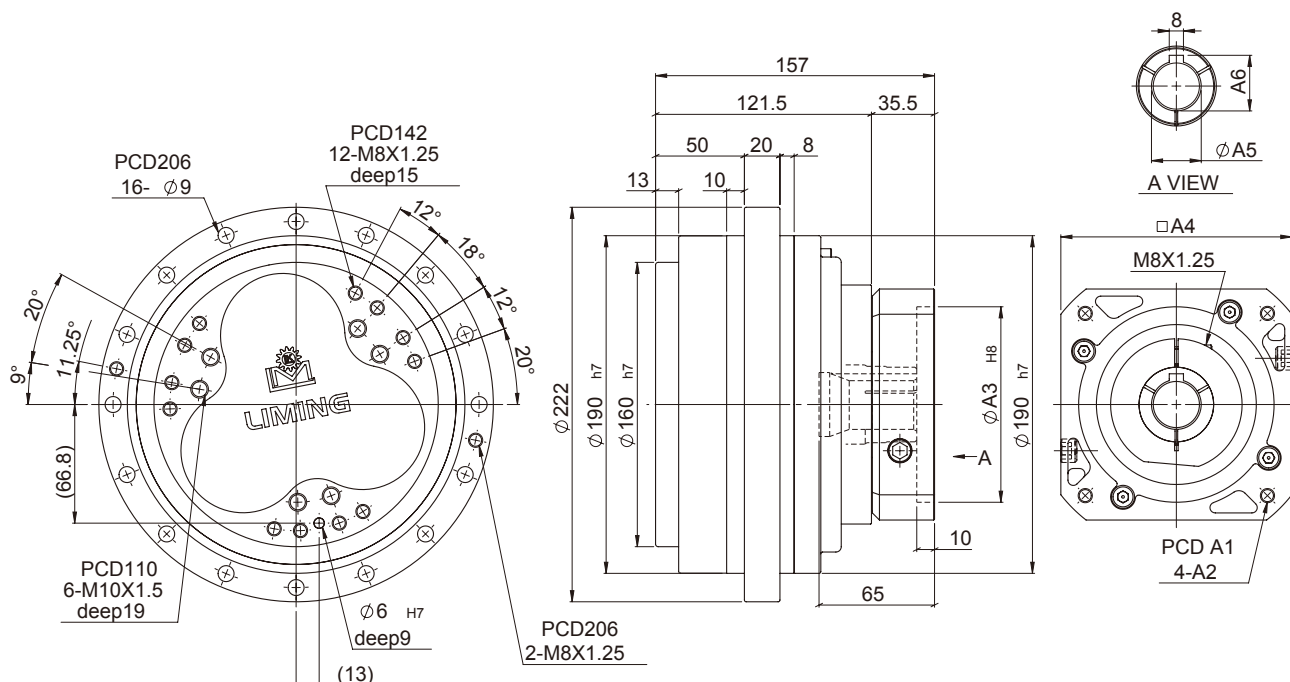


# MODEL : RSA80

RATIO : 44、65、80、100、170

Unit: mm

| Model Code | RSA80       |
|------------|-------------|
| A1         | 115、145、165 |
| A2         | M6、M8、M10   |
| A3         | 95、110、130  |
| A4         | 122、130、150 |
| A5         | 24、28       |
| A6         | 27.3、31.3   |



| 特性 Characteristic                                           | 代號         | 單位 Unit           | RSA80                                                                                                       |
|-------------------------------------------------------------|------------|-------------------|-------------------------------------------------------------------------------------------------------------|
| 輸出平台支撐軸承 / Output Table Supporting Bearing                  |            |                   | 斜角滾珠軸承 Angular Contact Ball Bearing                                                                         |
| 額定輸出扭矩 / Rated Output Torque                                |            | Nm                | 800                                                                                                         |
| 最大輸出扭矩 / Max. Output Torque<br>急停扭矩 / Emergency Stop Torque | $T_{2NOT}$ | Nm                | 5 倍額定輸出扭矩 5 Time of Rated Output Torque                                                                     |
| 最大加速力矩 / Max. Acceleration Torque                           | $T_{2B}$   | Nm                | 2.5 倍額定輸出力矩 2.5 Times of Rated Output Torque                                                                |
| 慣性慣量 / Inertia Moment                                       |            | kg.m <sup>2</sup> | $5.49 \times 10^{-4}$                                                                                       |
| 額定出力轉速 / Rated Output Speed                                 |            | rpm               | 15                                                                                                          |
| 最大輸出轉速 / Max. Output Speed                                  |            | rpm               | 42                                                                                                          |
| 容許輸入轉速 / Permissible Input Speed                            |            | rpm               | 3,000                                                                                                       |
| 背隙 / Backlash Ps                                            | $J_i$      | arcmin            | $\leq 1$                                                                                                    |
| 背隙 / Backlash P0                                            | $J_i$      | arcmin            | $\leq 3$                                                                                                    |
| 背隙 / Backlash P1                                            | $J_i$      | arcmin            | $\leq 5$                                                                                                    |
| 容許徑向力 / Max. Radial Force                                   | $F_{2rB}$  | N                 | 12,500                                                                                                      |
| 容許軸向力 / Max. Axial Force                                    | $F_{2aB}$  | N                 | 8,200                                                                                                       |
| 額定壽命 / Rated Life                                           | $L_H$      | hr                | S5 周期運轉 : >6,000 (S1 連續運轉 : >3,000 hrs)<br>S5 Cycle Operation: >6,000 (S1 Continuous Operation: >3,000 hrs) |
| 扭轉剛性 / Torsional Rigidity                                   |            | Nm/arcmin         | 150                                                                                                         |
| 效率 / Efficiency                                             | $\eta$     | %                 | $\geq 85$                                                                                                   |
| 重量 / Weight                                                 |            | kg                | 18.6                                                                                                        |