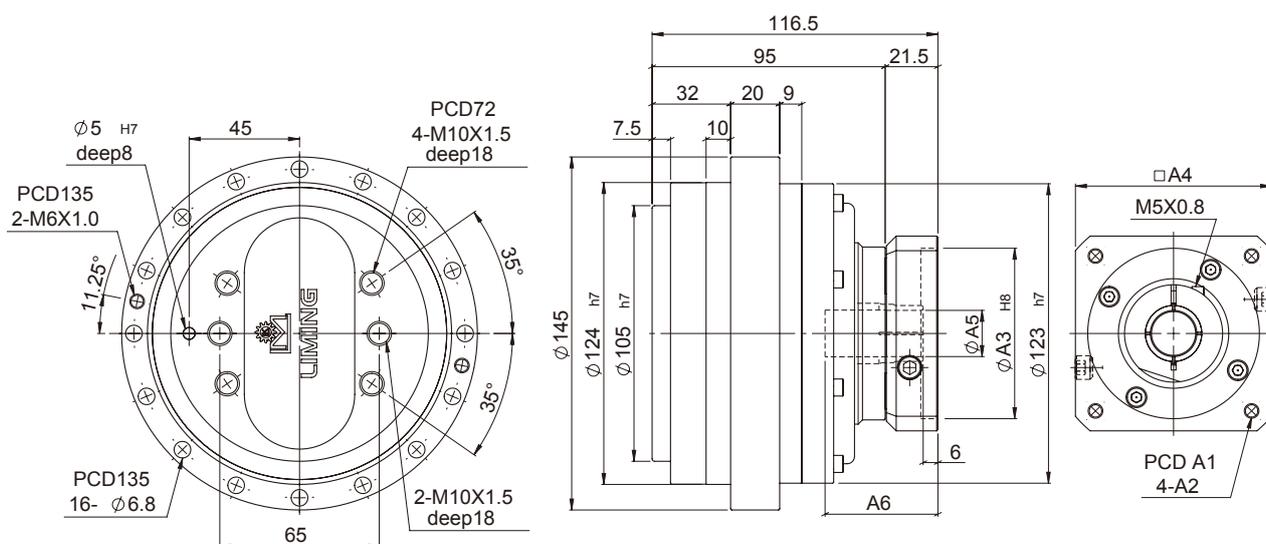


# MODEL : RSA20

RATIO : 40、60、80、120、160

Unit: mm

| Model Code | RSA20    |
|------------|----------|
| A1         | 70、75、90 |
| A2         | M4、M5、M6 |
| A3         | 50、60、70 |
| A4         | 64、70、80 |
| A5         | 14、19    |
| A6         | 36、46    |



| 特性 Characteristic   | 代號         | 單位 Unit           | RSA20   |
|---|------------|-------------------|---|
| 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                | 200   |
| 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> | $0.34 \times 10^{-4}$   |
| 額定出力轉速 / Rated Output Speed                                 |            | rpm               | 15  |
| 最大輸出轉速 / Max. Output Speed                                  |            | rpm               | 50  |
| 容許輸入轉速 / Permissible Input Speed                            |            | rpm               | 3,000   |
| 背隙 / Backlash Ps  | $J_i$      | arcmin            | ≤ 1   |
| 背隙 / Backlash P0  | $J_i$      | arcmin            | ≤ 3   |
| 背隙 / Backlash P1  | $J_i$      | arcmin            | ≤ 5   |
| 容許徑向力 / Max. Radial Force                                   | $F_{2rB}$  | N                 | 6,500   |
| 容許軸向力 / Max. Axial Force                                    | $F_{2aB}$  | N                 | 4,300   |
| 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         | 70  |
| 效率 / Efficiency   | $\eta$     | %                 | ≥ 85  |
| 重量 / Weight   |            | kg                | 6.1   |