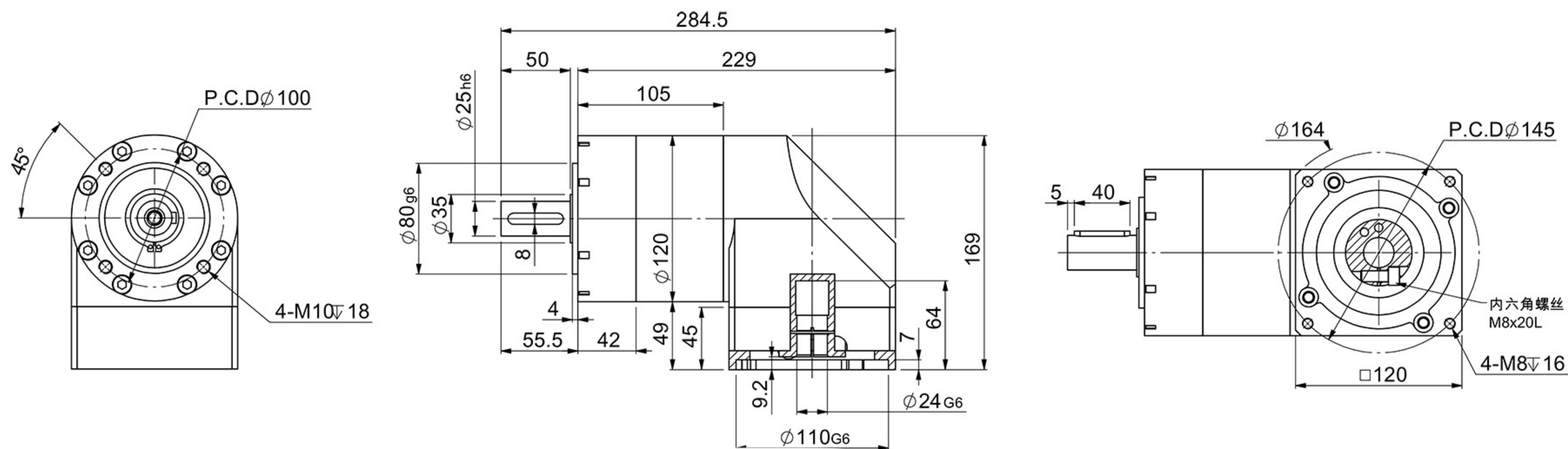
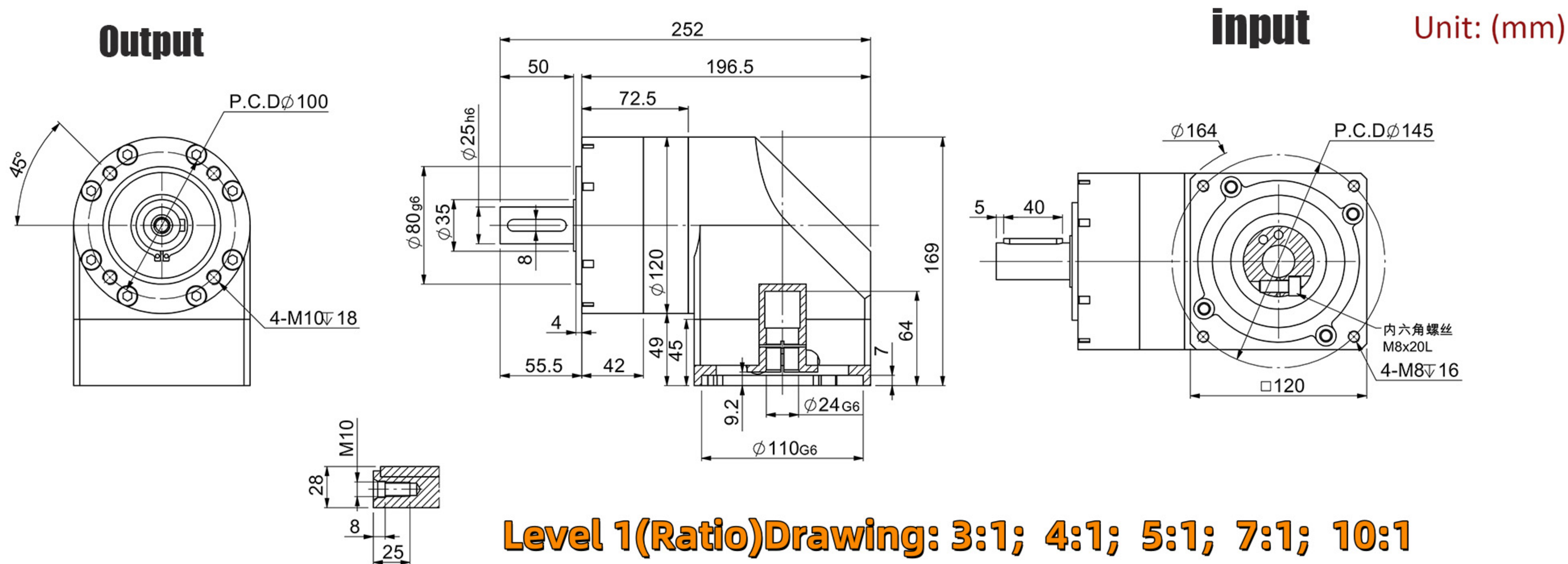


## PVE120 Series 90 Degree Right Angle Planetary Gearbox Parameter

| Gear Reducer Technical Parameters Comparison |           |                               |
|----------------------------------------------|-----------|-------------------------------|
| Technical Parameter                          | Unit      | PVE060                        |
| Max Radial Torque                            | N         | 240                           |
| Max Axial Torque                             | N         | 220                           |
| Torsional Stiffness                          | Nm/arcmin | 1.8                           |
| Max Input Speed                              | rpm       | 8000                          |
| Rated Input Speed                            | rpm       | 4000                          |
| Noise                                        | dB        | ≤58                           |
| Backlash (Stage 1)                           | arcmin    | ≤13                           |
| Backlash (Stage 2)                           | arcmin    | ≤17                           |
| Max. Output Torque                           | Nm        | 1.5 Times Rated Output Torque |
| Instant Braking Torque                       | Nm        | 2 Times Rated Output Torque   |
| Life time                                    | h         | 20000                         |
| IP Degree                                    | -         | IP65                          |
| Operating Temperature                        | °C        | -10°C~+90°C                   |
| Full Load Efficiency                         | %         | L1≥95%, L2≥92%                |
| Rated Output Torque (Nm)                     |           |                               |
| Stage                                        | Ratio     | PVE060                        |
| Stage 1 (L1)                                 | 3:01      | 27                            |
|                                              | 4:01      | 40                            |
|                                              | 5:01      | 40                            |
|                                              | 7:01      | 34                            |
|                                              | 10:01     | 16                            |
| Stage 2 (L2)                                 | 15:01     | 27                            |
|                                              | 20:01     | 40                            |
|                                              | 25:01:00  | 40                            |
|                                              | 30:01:00  | 27                            |
|                                              | 35:01:00  | 40                            |
|                                              | 40:01:00  | 40                            |
|                                              | 50:01:00  | 40                            |
|                                              | 70:01:00  | 34                            |
|                                              | 100:01:00 | 16                            |
| Moment of Inertia (Kg.cm²)                   |           |                               |
| Stage                                        | Ratio     | PVE060                        |
| Stage 1 (L1)                                 | 3:01      | 0.46                          |
|                                              | 4:01      | 0.46                          |
|                                              | 5:01      | 0.46                          |
|                                              | 7:01      | 0.41                          |
|                                              | 10:01     | 0.41                          |
| Stage 2 (L2)                                 | 15:01     | 0.44                          |
|                                              | 20:01     | 0.44                          |
|                                              | 25:01:00  | 0.44                          |
|                                              | 30:01:00  | 0.44                          |
|                                              | 35:01:00  | 0.44                          |
|                                              | 40:01:00  | 0.44                          |
|                                              | 50:01:00  | 0.34                          |
|                                              | 70:01:00  | 0.34                          |
|                                              | 100:01:00 | 0.34                          |

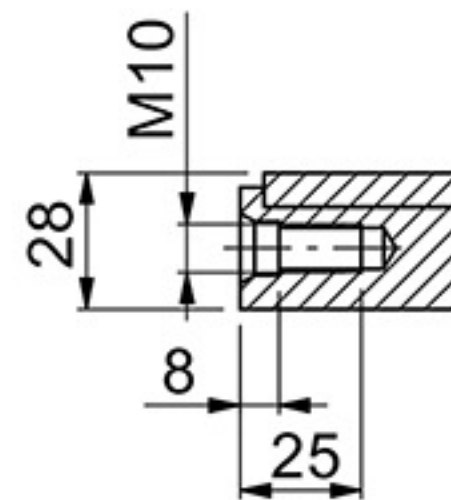
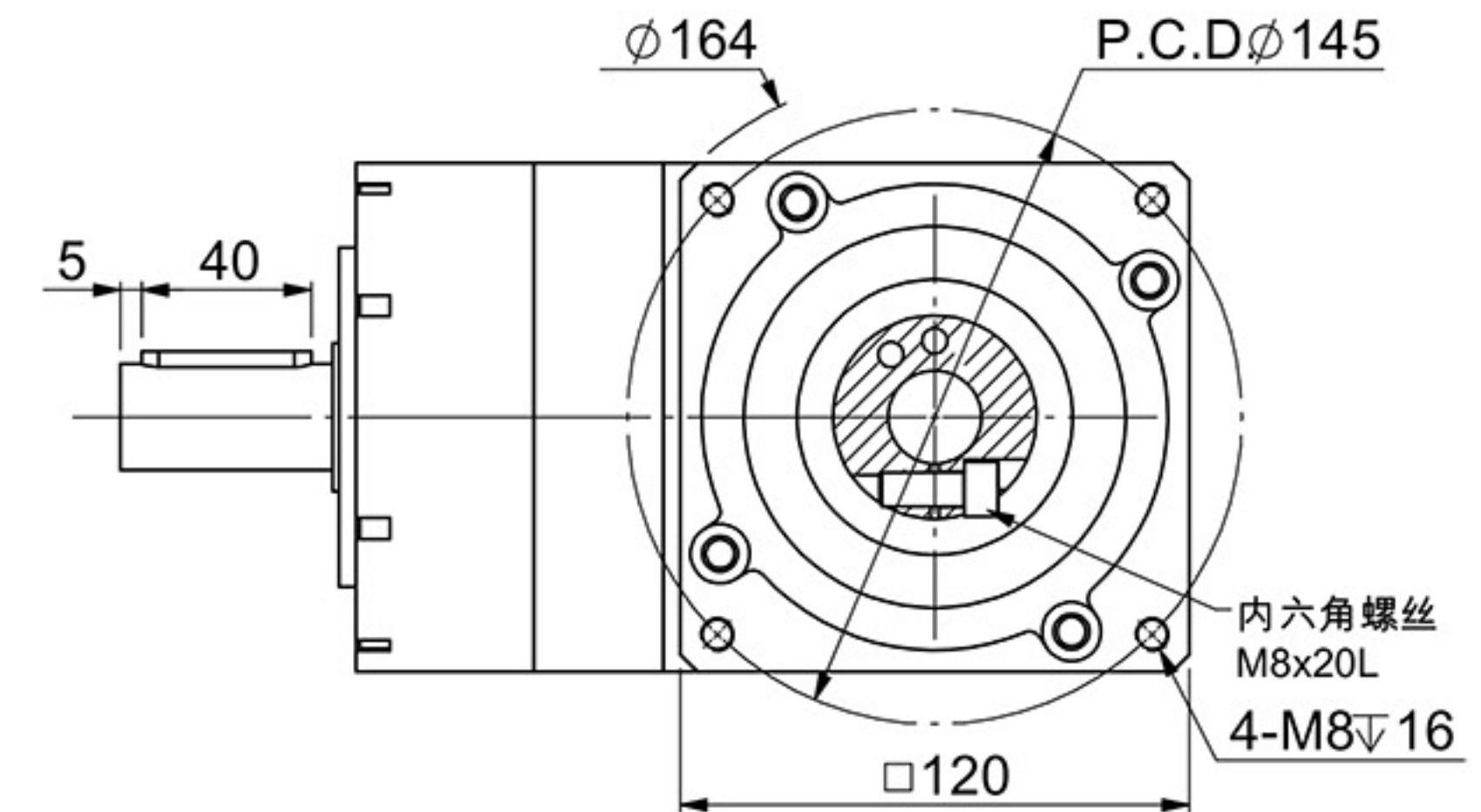
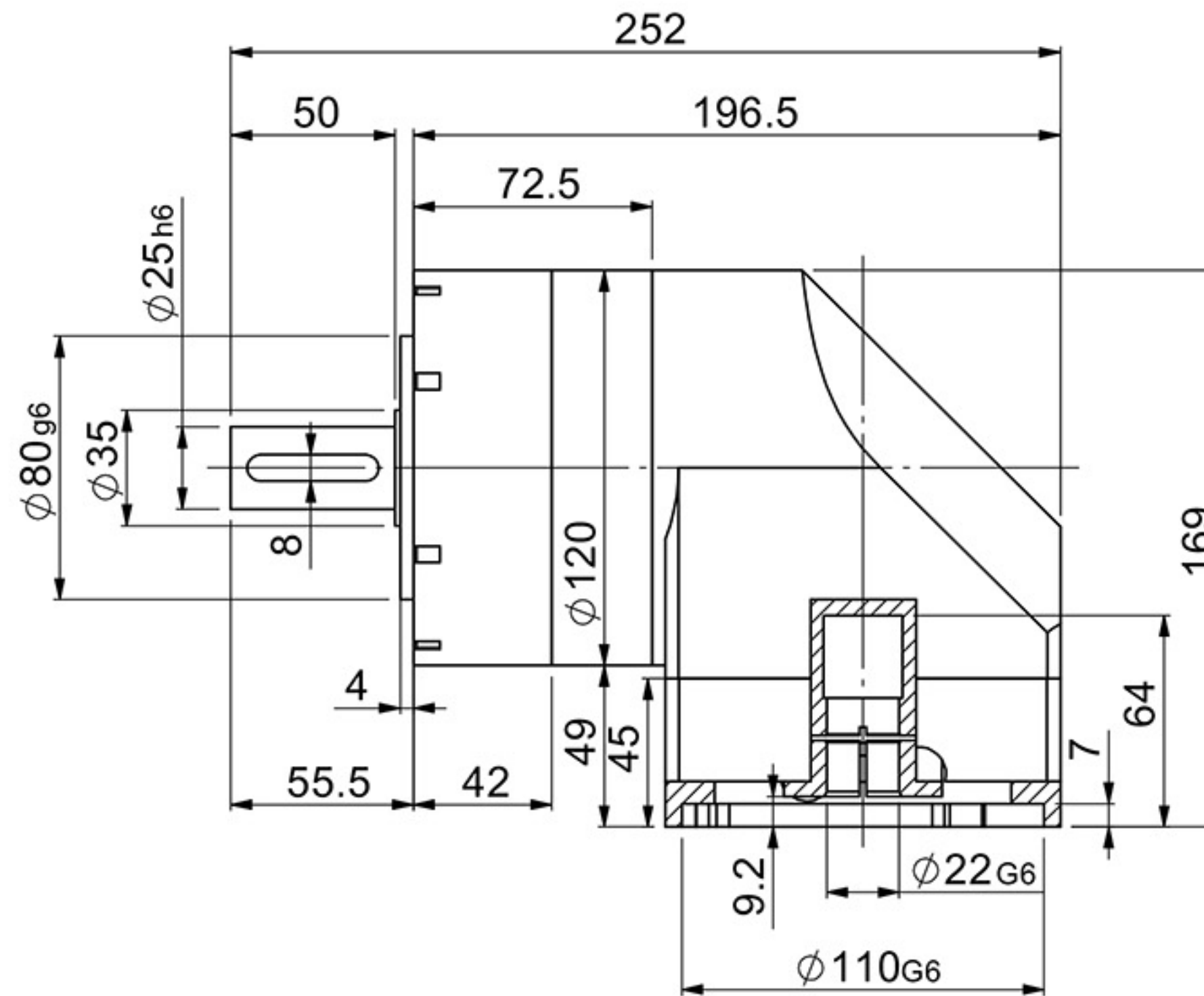
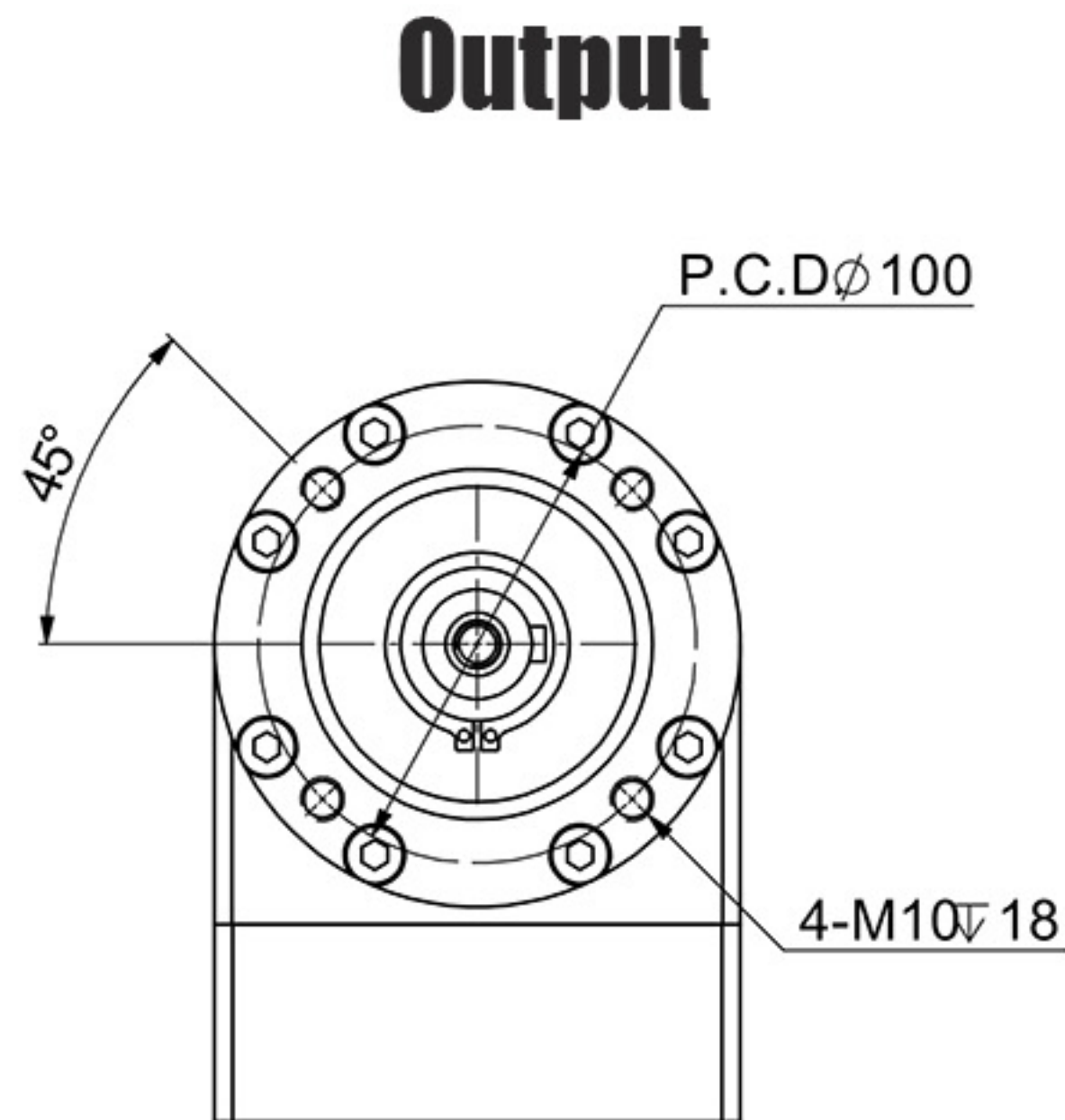
# Straight Gear Right Angle Planetary Reducer for 130mm servo motor 24mm shaft



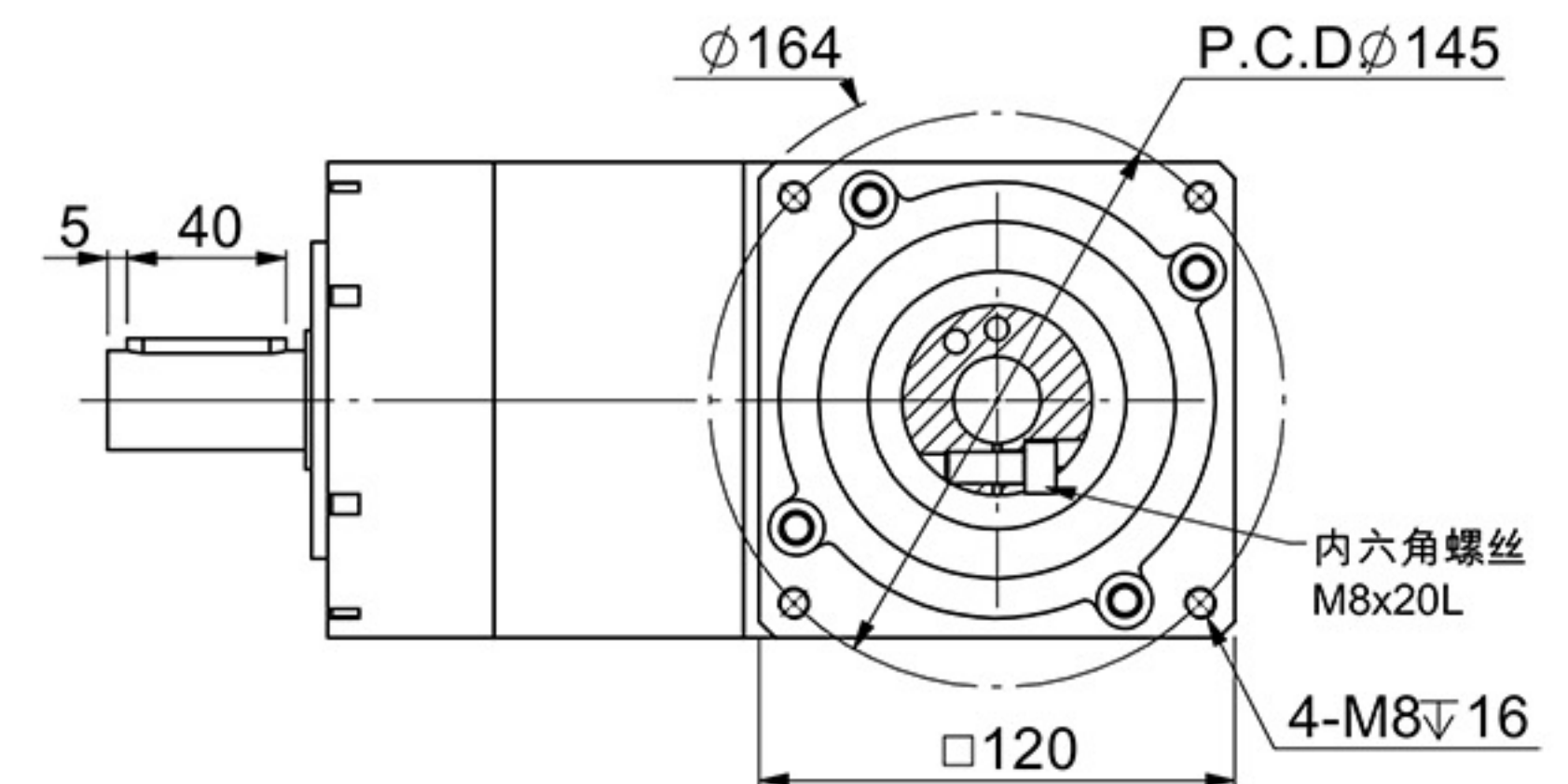
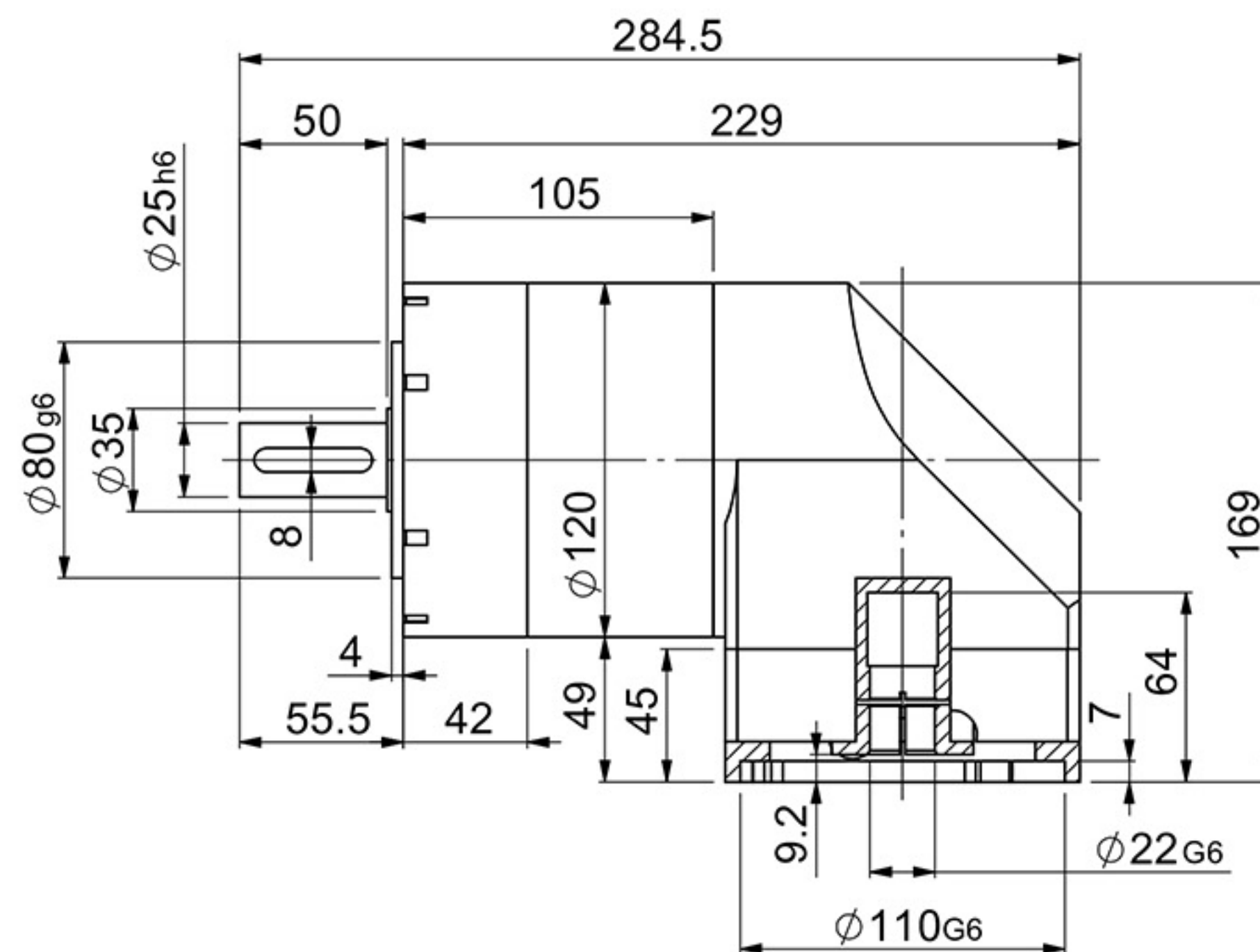
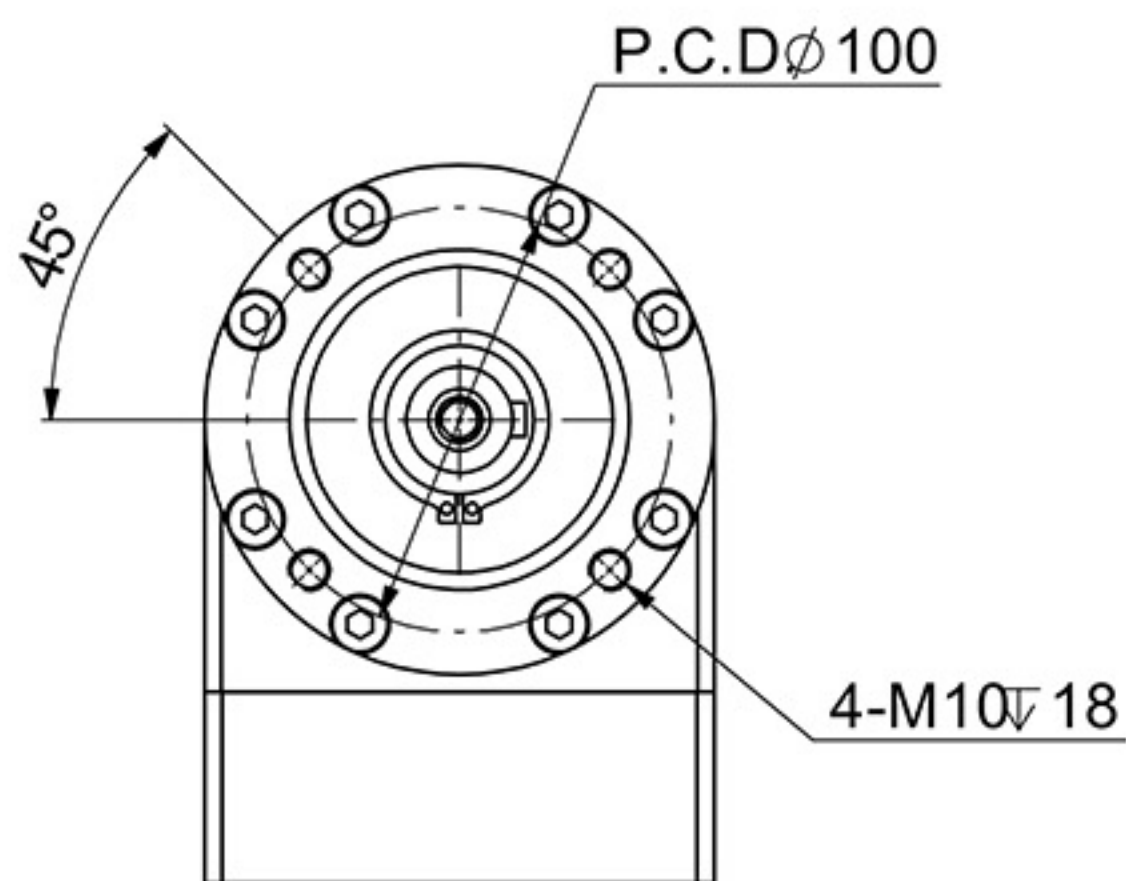
**Level 2(Ratio)Drawing: 15:1; 20:1; 25:1; 30:1; 35:1; 40:1; 50:1; 70:1; 100:1**

# Straight Gear Right Angle Planetary Reducer for 130mm servo motor 22mm shaft

**input** Unit: (mm)



**Level 1(Ratio)Drawing: 3:1; 4:1; 5:1; 7:1; 10:1**

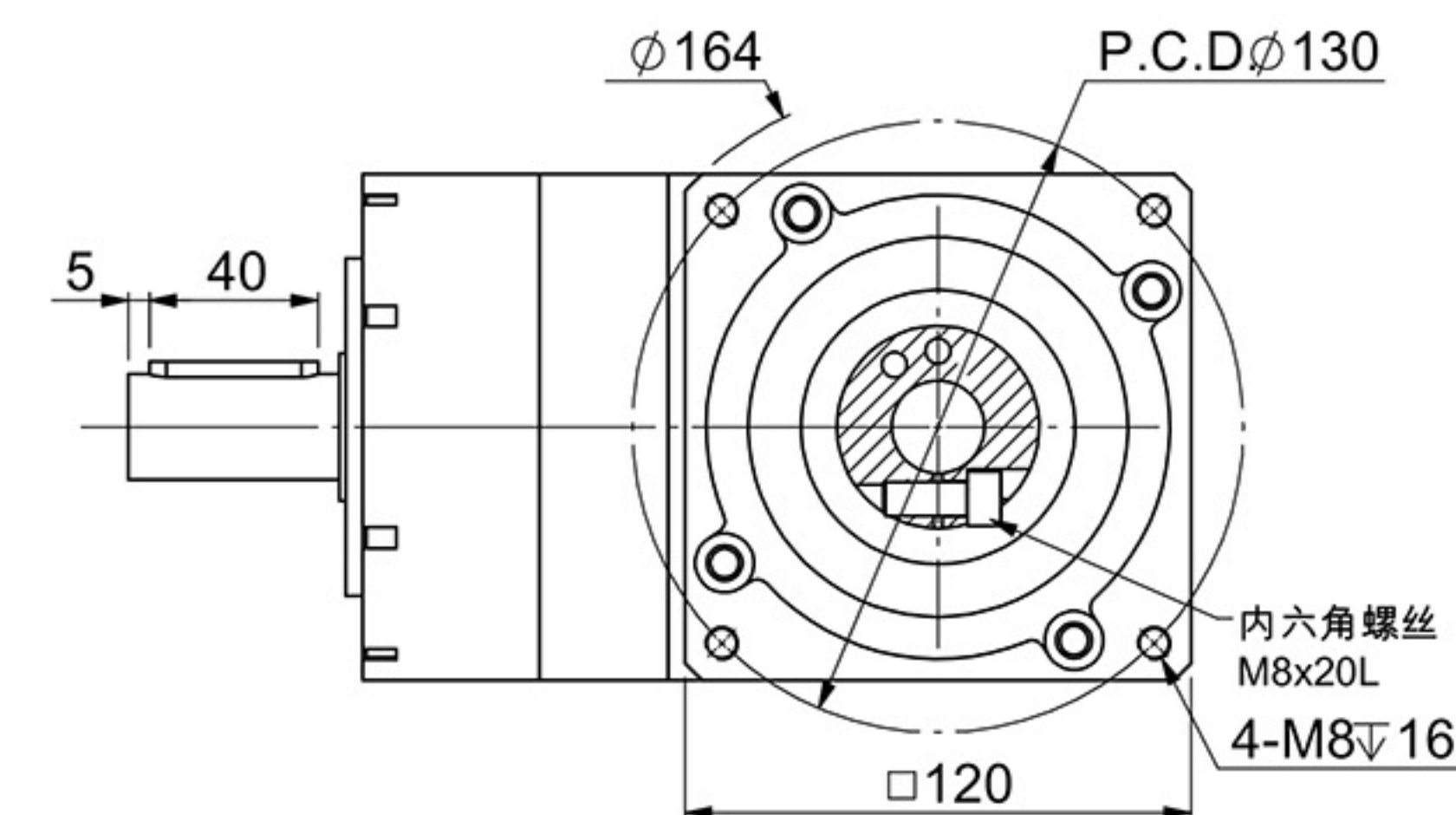
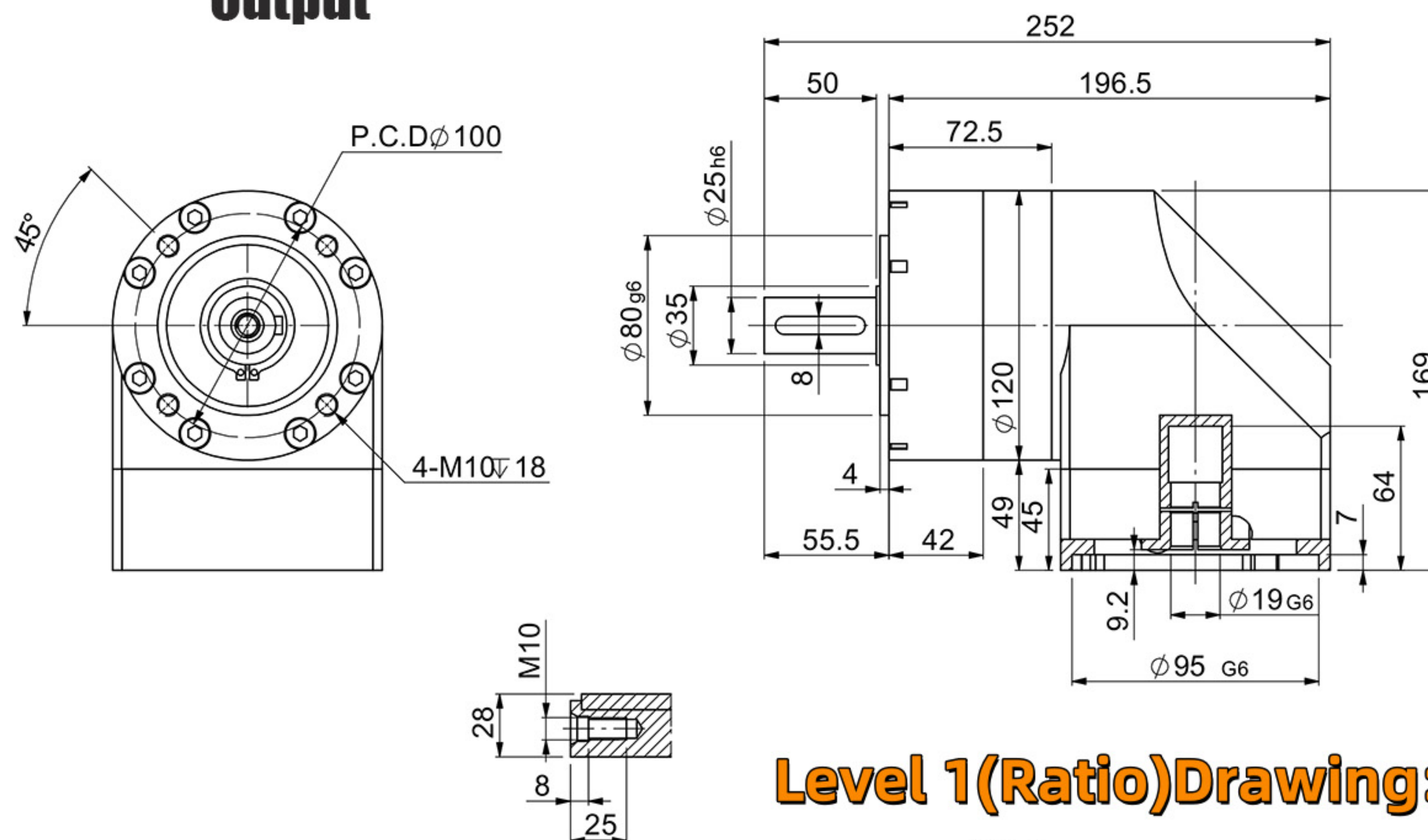


**Level 2(Ratio)Drawing: 15:1; 20:1; 25:1; 30:1; 35:1; 40:1; 50:1; 70:1; 100:1**

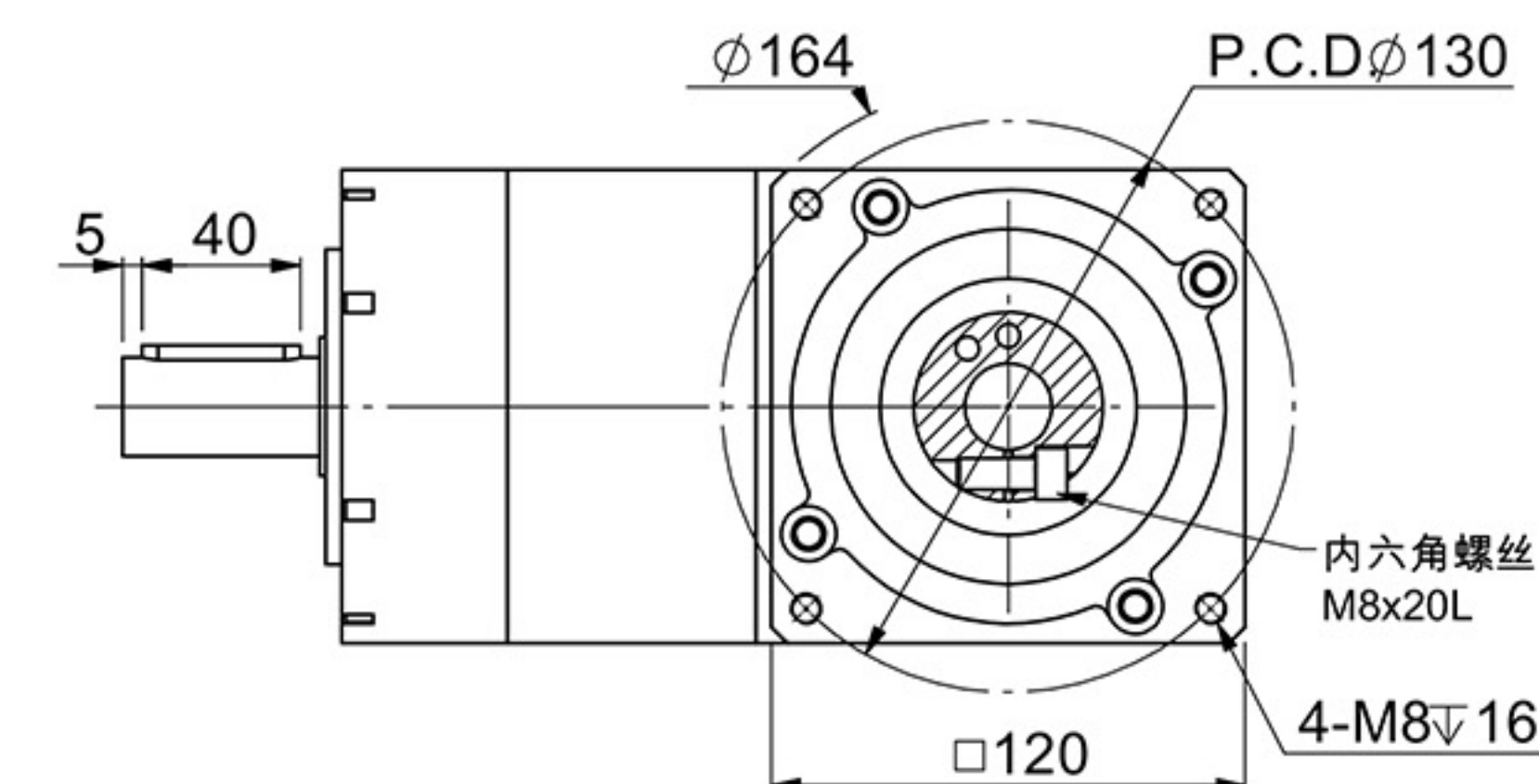
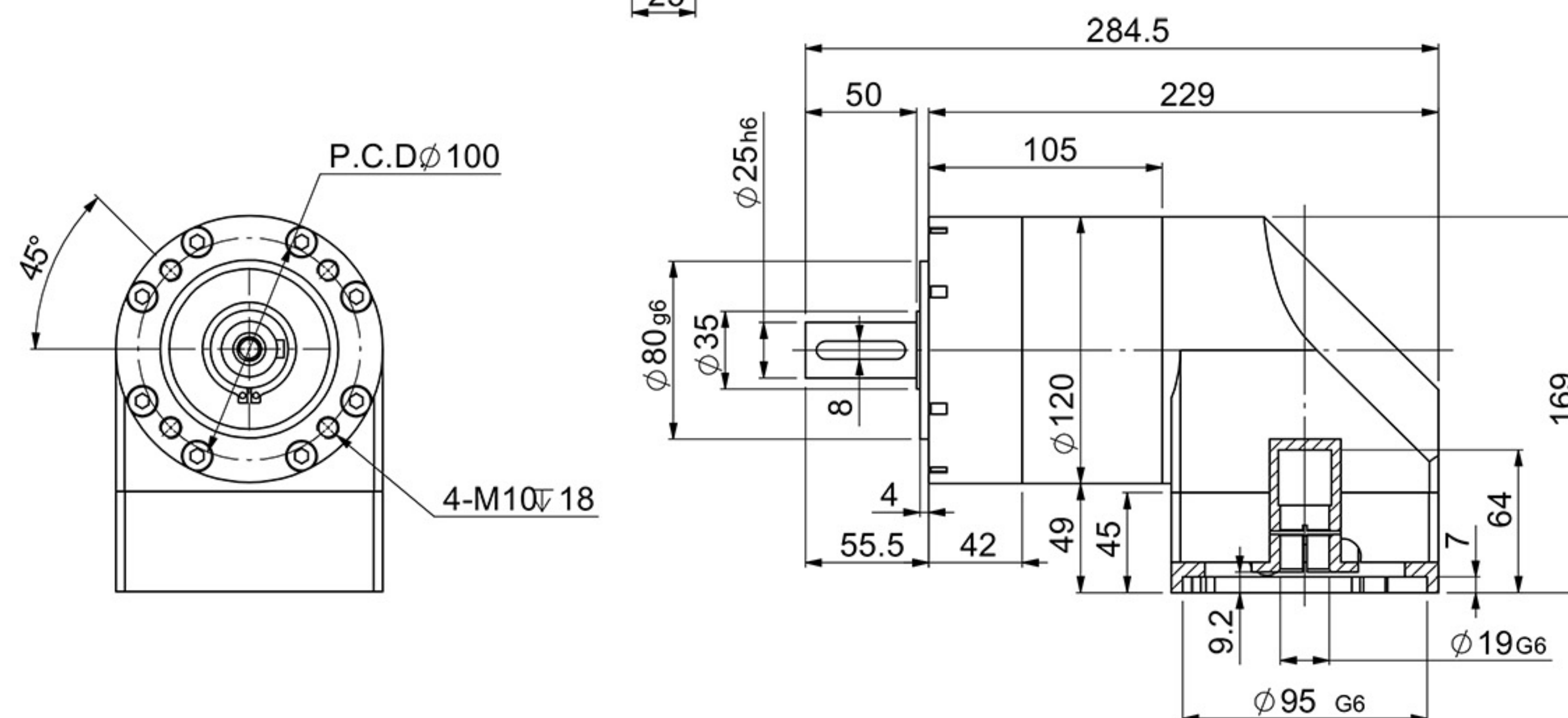
# Straight Gear Right Angle Planetary Reducer for 110mm servo motor 19mm shaft

**input** Unit: (mm)

**Output**



**Level 1(Ratio)Drawing: 3:1; 4:1; 5:1; 7:1; 10:1**



**Level 2(Ratio)Drawing: 15:1; 20:1; 25:1; 30:1; 35:1; 40:1; 50:1; 70:1; 100:1**