

# 60x95

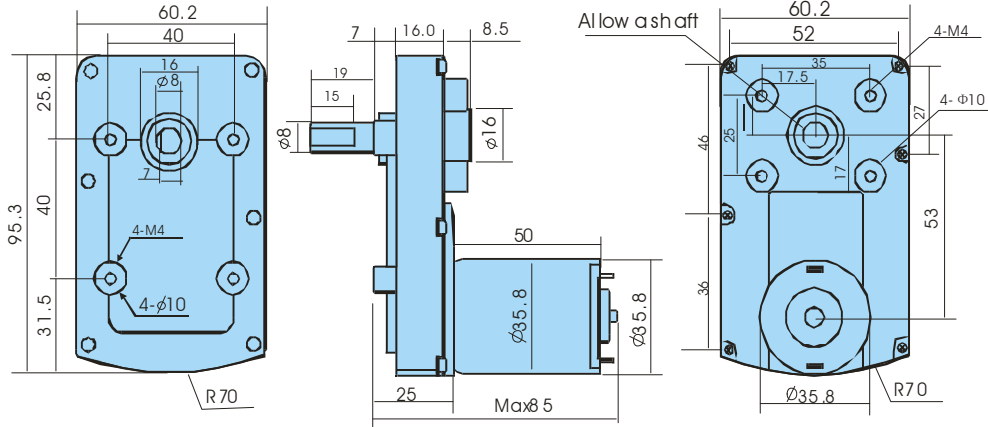
60JR95-50K - SPUR GEARHEAD (正齿轮箱)  
w/ 36ZYT50 PM DC MOTOR (永磁直流马达)



## ● GEARHEAD SPECIFICATIONS

| Gear Ratio | Stage | Eff. | Rated Load | Max. Load |
|------------|-------|------|------------|-----------|
| 減速比        | 级数    | 效率   | 额定负载       | 最大负载      |
| 1:X        | #     | %    | Kg.cm      | Kg.cm     |
| 37 - 95    | 3     | 73   | 30         | 90        |
| 151 - 400  | 4     | 66   | 40         | 120       |
| 624 - 1166 | 5     | 59   | 50         | 150       |

## ● DIMENSIONS



## ● MOTOR SPECIFICATIONS

| Model         | Rated          | No-load      |                |              | Rated          |                |            |                | Stall      | Motor        |  |
|---------------|----------------|--------------|----------------|--------------|----------------|----------------|------------|----------------|------------|--------------|--|
|               | Voltage<br>VDC | Current<br>A | Speed<br>r/min | Current<br>A | Speed<br>r/min | Torque<br>g.cm | Power<br>W | Torque<br>g.cm | Dia.<br>mm | Length<br>mm |  |
| 36ZYT50-12-30 | 12             | 0.11         | 3000           | 0.3          | 2300           | 80             | 1.9        | 256            | 35.8       | 50           |  |
| 36ZYT50-12-45 | 12             | 0.21         | 4500           | 0.800        | 3450           | 140            | 5.0        | 410            | 35.8       | 50           |  |
| 36ZYT50-12-60 | 12             | 0.26         | 6000           | 1.000        | 4500           | 140            | 6.5        | 525            | 35.8       | 50           |  |
| 36ZYT50-24-30 | 24             | 0.08         | 3000           | 0.150        | 2400           | 80             | 2.0        | 290            | 35.8       | 50           |  |
| 36ZYT50-24-45 | 24             | 0.11         | 4500           | 0.400        | 3450           | 140            | 5.0        | 410            | 35.8       | 50           |  |
| 36ZYT50-24-60 | 24             | 0.13         | 6000           | 0.650        | 4500           | 180            | 8.3        | 700            | 35.8       | 50           |  |

## ● GEARMOTOR SPECIFICATIONS: 60JR95-50KxxxxG/Motor model Y(IN-LB) = 0.867313\*X(Kg.cm)

| Volt.  | Speed  | Gear Ratio         |                    |      |      |      |      |      |      |      |      |      |
|--------|--------|--------------------|--------------------|------|------|------|------|------|------|------|------|------|
|        |        | 37                 | 67                 | 95   | 151  | 196  | 277  | 400  | 624  | 1166 |      |      |
| 12 Vdc | 3000   | Rated speed (RPM)  | 62                 | 34   | 24   | 15   | 11.7 | 8.3  | 5.8  | 3.7  | 2.0  |      |
|        |        | Rated load (Kg.cm) | 2.16               | 3.9  | 5.5  | 8.0  | 10.3 | 14.6 | 21.1 | 29.5 | 50.0 |      |
|        | 4500   | Rated speed (RPM)  | 93                 | 51   | 36   | 23   | 17.6 | 12.5 | 8.6  | 5.5  | 3.0  |      |
|        |        | Rated load (Kg.cm) | 3.8                | 6.8  | 9.7  | 14.0 | 18.1 | 25.6 | 37.0 | 50.0 | 50.0 |      |
|        | 6000   | Rated speed (RPM)  | 122                | 67   | 47   | 30   | 23.0 | 16.2 | 11.3 | 7.2  | 3.9  |      |
|        |        | Rated load (Kg.cm) | 3.8                | 6.8  | 9.7  | 14.0 | 18.1 | 25.6 | 37.0 | 50.0 | 50.0 |      |
|        | 24 Vdc | 3000               | Rated speed (RPM)  | 65   | 36   | 25   | 16   | 12.2 | 8.7  | 6.0  | 3.8  | 2.1  |
|        |        |                    | Rated load (Kg.cm) | 2.16 | 3.9  | 5.5  | 8.0  | 10.3 | 14.6 | 21.1 | 29.5 | 50.0 |
| 4500   |        | Rated speed (RPM)  | 93                 | 51   | 36   | 23   | 17.6 | 12.5 | 8.6  | 5.5  | 3.0  |      |
|        |        | Rated load (Kg.cm) | 3.8                | 6.8  | 9.7  | 14.0 | 18.1 | 25.6 | 37   | 50.0 | 50.0 |      |
| 6000   |        | Rated speed (RPM)  | 122                | 67   | 47   | 30   | 23.0 | 16.2 | 11.3 | 7.2  | 3.9  |      |
|        |        | Rated load (Kg.cm) | 4.9                | 8.8  | 12.5 | 17.9 | 23   | 33   | 40   | 50.0 | 50.0 |      |