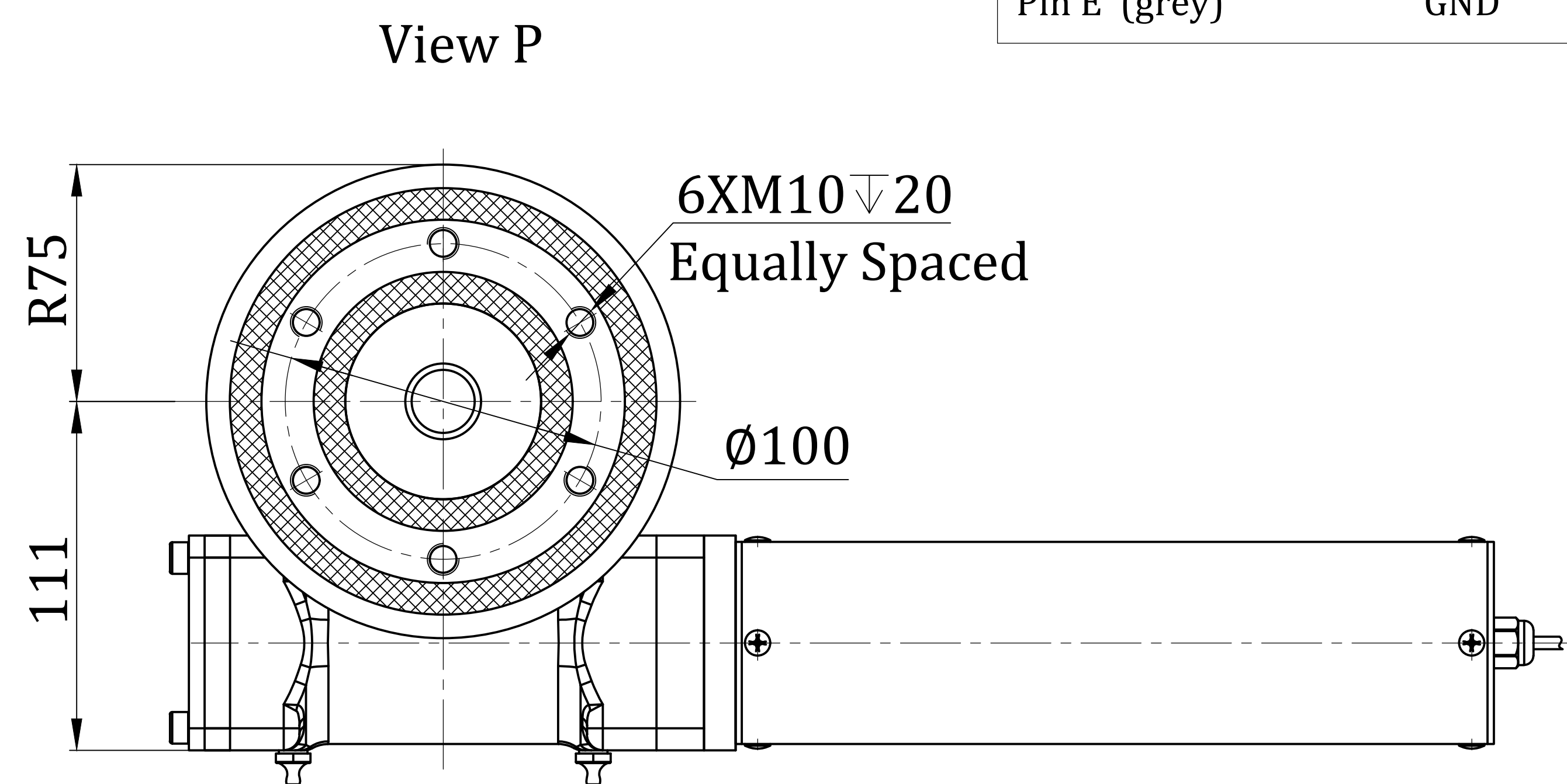
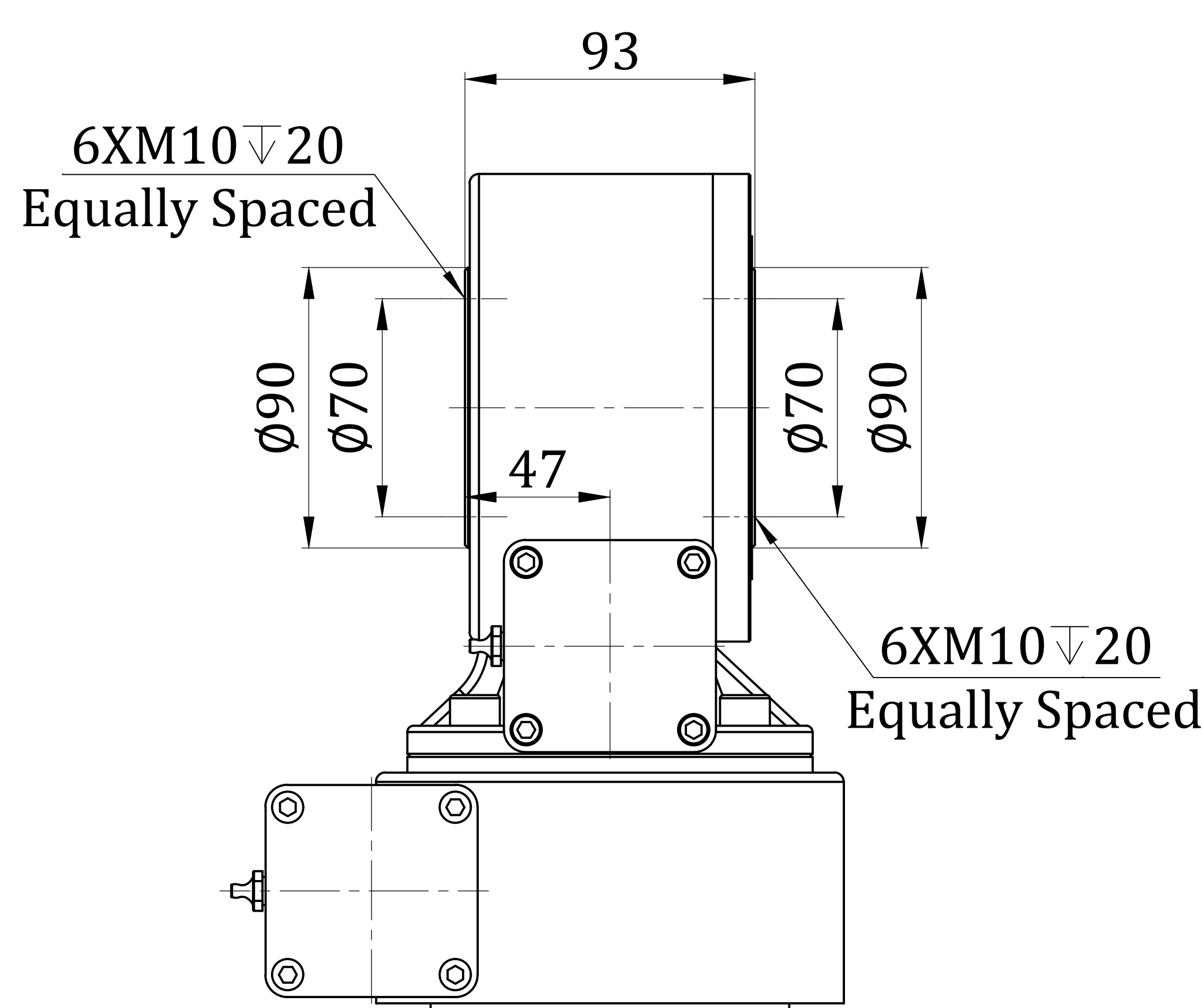
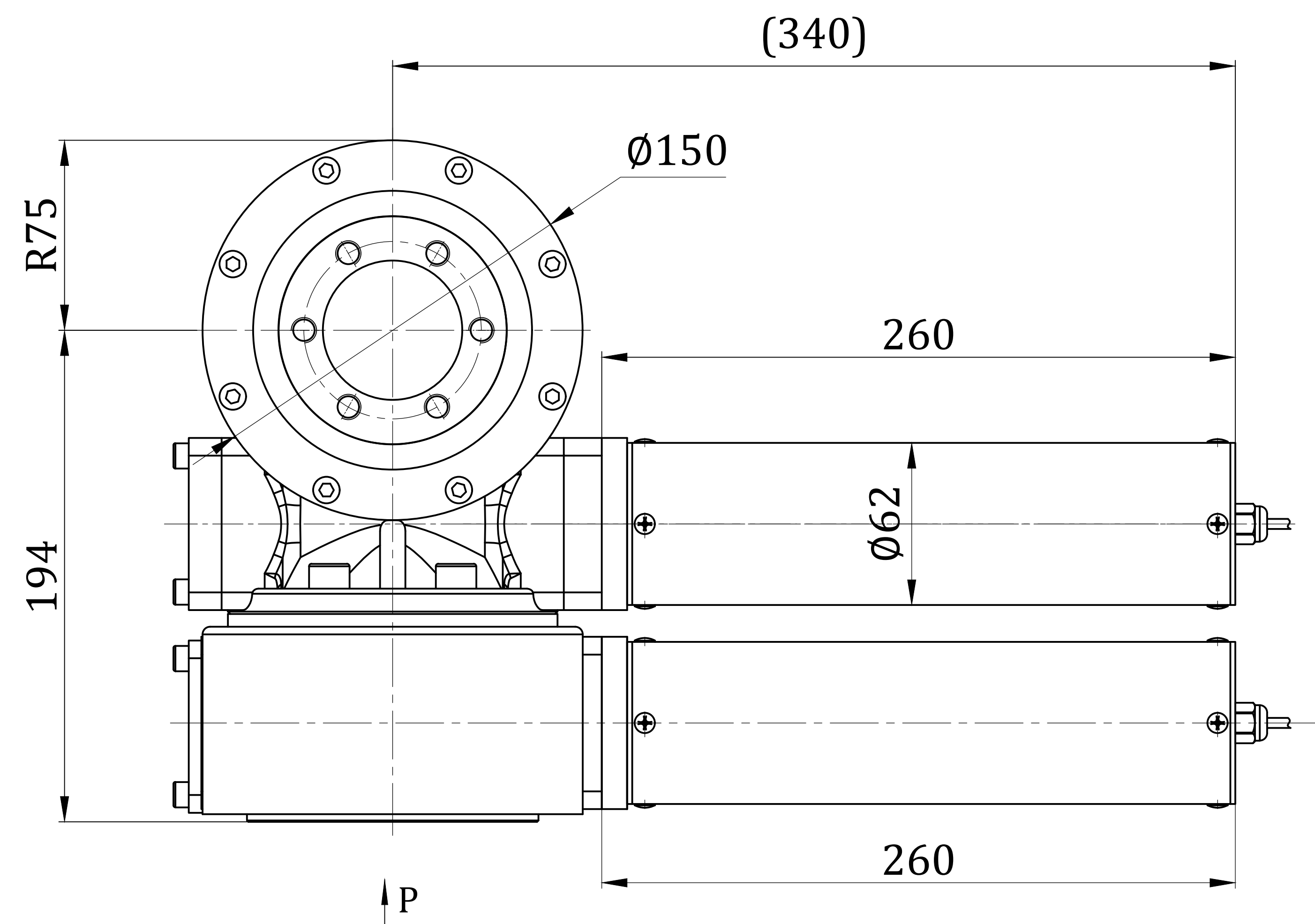
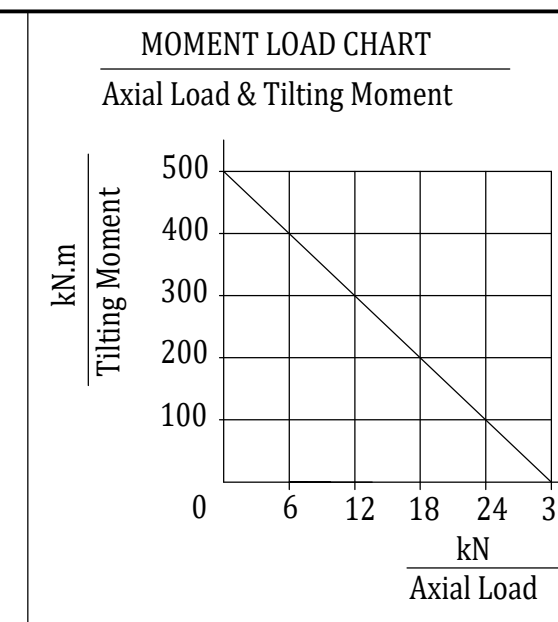
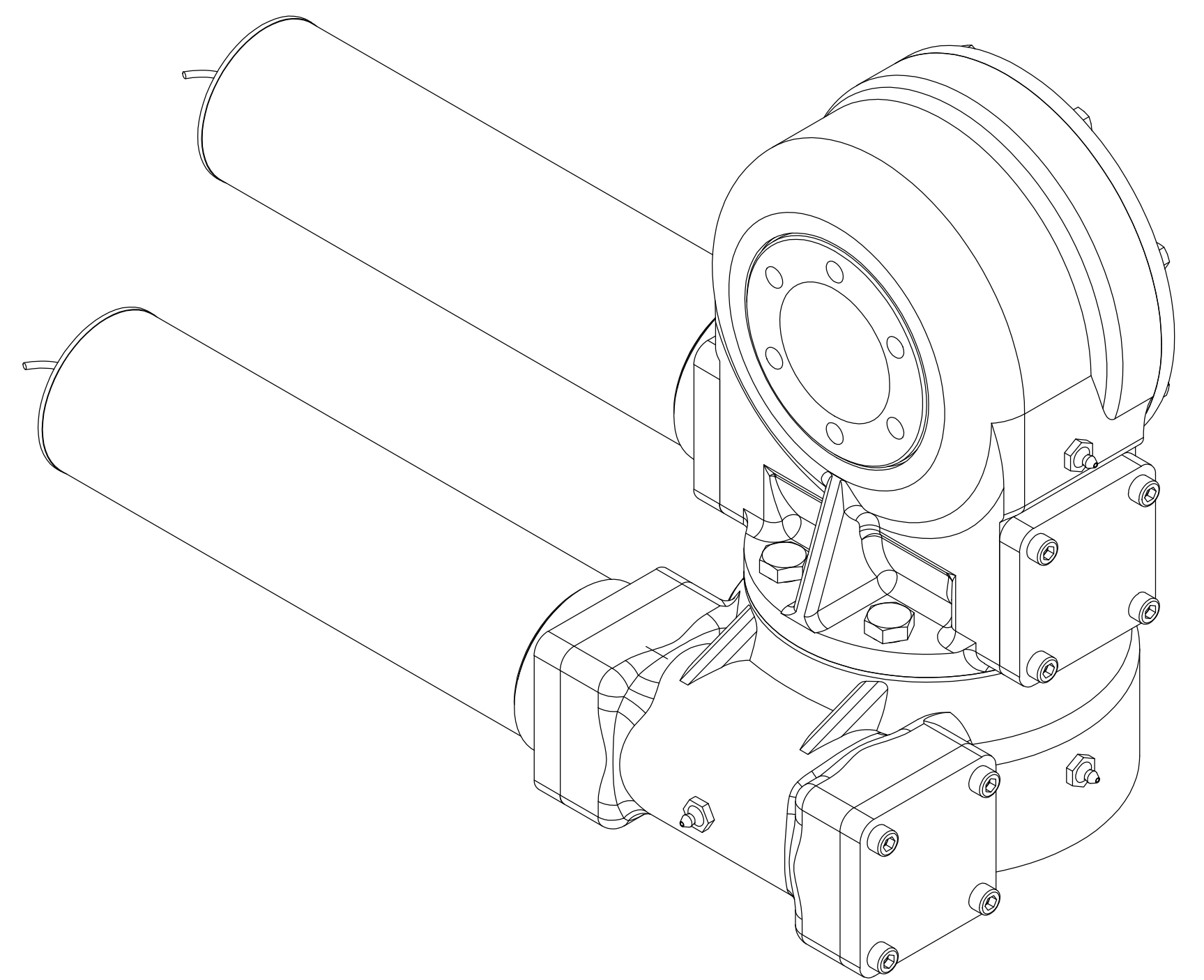
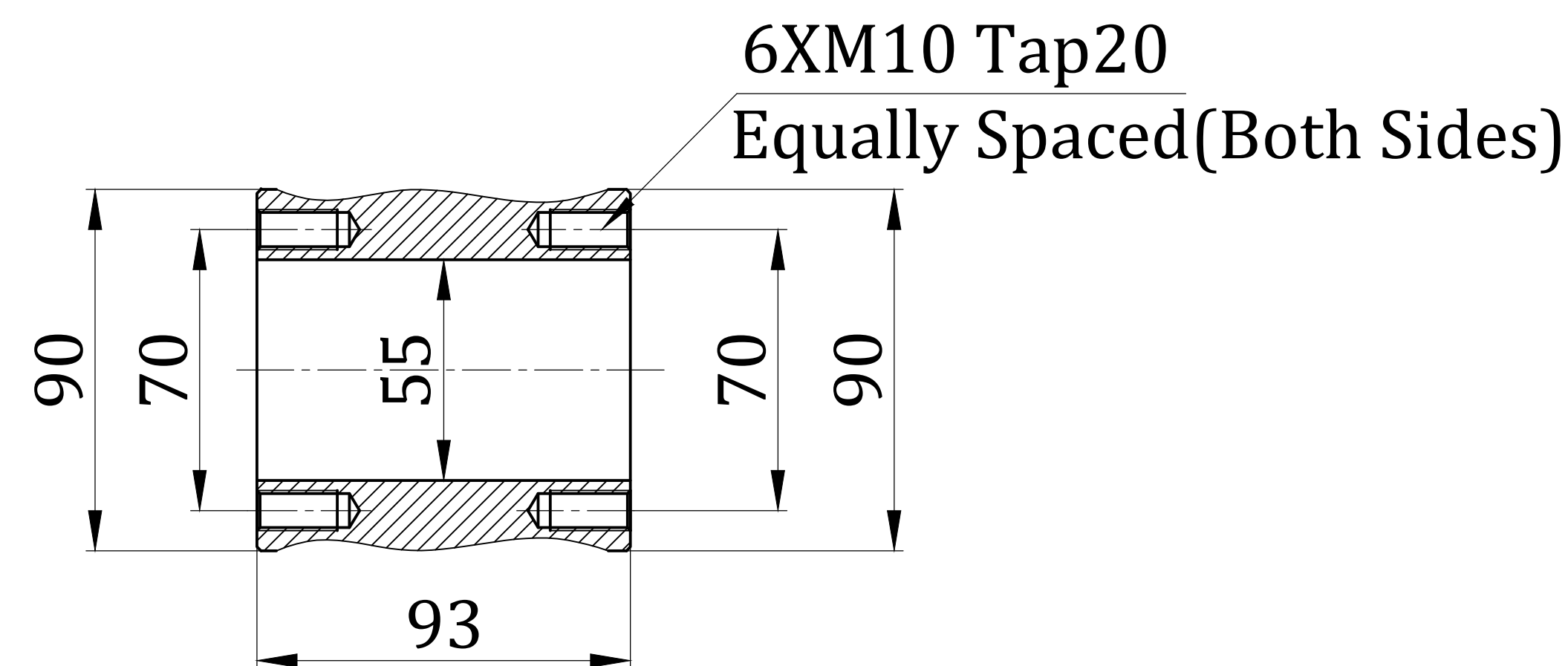




| Wire Define    |                |
|----------------|----------------|
| Pin 1 (black)  | motor —        |
| Pin 2 (red)    | motor + 24V    |
| Pin 3 (yellow) | hall GND       |
| Pin 4 (brown)  | hall + (5-12V) |
| Pin 5 (blue)   | hall A         |
| Pin 6 (green)  | hall B         |
| Pin E (grey)   | GND            |

### Vertical Mounting Dimensions



| Slewing Drive Performance Parameters ( Elevation direction ) |          |             |
|--------------------------------------------------------------|----------|-------------|
| Rated Output Speed                                           | 0.048rpm |             |
| Output Torque                                                | 716N.m   | 528 lbf.ft  |
| Tilting Moment                                               | 1100 N.m | 811 lbf.ft  |
| Holding Torque                                               | 2200N.m  | 1479 lbf.ft |
| Static Axial Rating                                          | 30 kN    | 6750 lbf    |
| Static Radial Rating                                         | 15 kN    | 3375 lbf    |
| Dynamic Axial Rating                                         | 9.6 kN   | 2160 lbf    |
| Dynamic Radial Rating                                        | 8.4 kN   | 1890 lbf    |
| Gear Ratio                                                   | 62:1     |             |
| Precision                                                    | ±0.12°   |             |

| 24VDC Planetary Reducer Motor Performance Data ( 24H/30/33 ) |        |
|--------------------------------------------------------------|--------|
| Rated Output Torque                                          | 33 N.m |
| Rated Output Speed                                           | 3 rpm  |
| IP Class                                                     | IP 65  |
| Gear Ratio                                                   | 575:1  |
| Rated Current                                                | <1.9 A |

| MAGNETIC PULSE GENERATOR DATA |     |                       |
|-------------------------------|-----|-----------------------|
| Output type                   | -   | voltage output        |
| pull-up resistor              | -   | yes                   |
| Output signal                 | -   | 2 square wave signals |
| Phase quadrature              | -   | 90 °                  |
| Impulses per revolution       | ppr | 2 channels A and B    |
| Operating voltage             | VDC | DC5-24                |
| Operating current             | mA  | max.12                |
| Deviation of pulse width      | -   | max.15 °              |
| Deviation of phase shift      | -   | max.15 °              |
| Output voltage(low level)     | VDC | max.0.4 (20mA)        |
| SIGNAL RISE TIME              | ns  | 85                    |
| SIGNAL DECAY TIME             | ns  | 60                    |
| Operation temperature         | °C  | -40 ~ +85             |

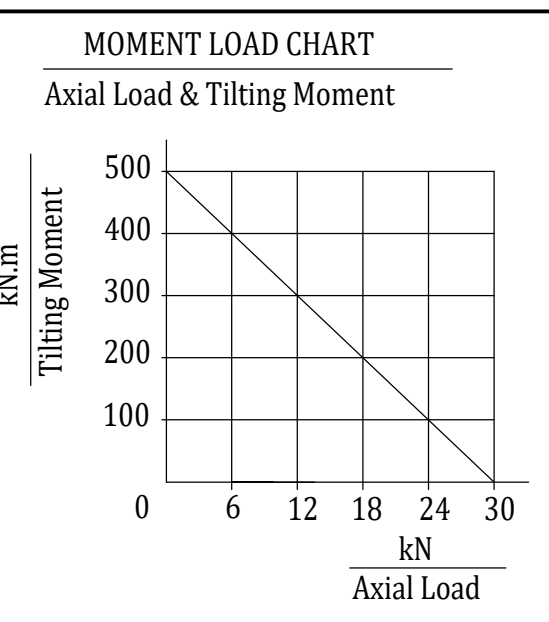
signal A

high  
low

signal B

high  
low

0° 90° 180° 270° 360°



| Slewing Drive Performance Parameters ( Horizontal ) |          |             |
|-----------------------------------------------------|----------|-------------|
| Rated Output Speed                                  | 0.048rpm |             |
| Output Torque                                       | 716N.m   | 528 lbf.ft  |
| Tilting Moment                                      | 1100 N.m | 811 lbf.ft  |
| Holding Torque                                      | 2200N.m  | 1479 lbf.ft |
| Static Axial Rating                                 | 30 kN    | 6750 lbf    |
| Static Radial Rating                                | 15 kN    | 3375 lbf    |
| Dynamic Axial Rating                                | 9.6 kN   | 2160 lbf    |
| Dynamic Radial Rating                               | 8.4 kN   | 1890 lbf    |
| Gear Ratio                                          | 62:1     |             |
| Precision                                           | ±0.12°   |             |

| 24VDC Planetary Reducer Motor Performance Data ( 24H/30/33 ) |        |
|--------------------------------------------------------------|--------|
| Rated Output Torque                                          | 33 N.m |
| Rated Output Speed                                           | 3 rpm  |
| IP Class                                                     | IP 65  |
| Gear Ratio                                                   | 575:1  |
| Rated Current                                                | <1.9 A |

| MAGNETIC PULSE GENERATOR DATA |     |                       |
|-------------------------------|-----|-----------------------|
| Output type                   | -   | voltage output        |
| pull-up resistor              | -   | yes                   |
| Output signal                 | -   | 2 square wave signals |
| Phase quadrature              | -   | 90 °                  |
| Impulses per revolution       | ppr | 2 channels A and B    |
| Operating voltage             | VDC | DC5-24                |
| Operating current             | mA  | max.12                |
| Deviation of pulse width      | -   | max.15 °              |
| Deviation of phase shift      | -   | max.15 °              |
| Output voltage(low level)     | VDC | max.0.4 (20mA)        |
| SIGNAL RISE TIME              | ns  | 85                    |
| SIGNAL DECAY TIME             | ns  | 60                    |
| Operation temperature         | °C  | -40 ~ +85             |

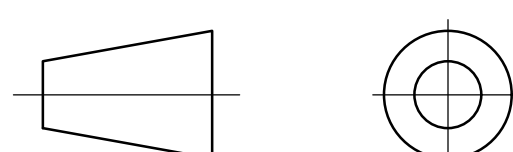
signal A

high  
low

signal B

high  
low

0° 90° 180° 270° 360°

|                                                                                                                                                                                                     |                                                                                       |             |                                                                                                                                                                                                  |       |                         |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------|-----|
|                                                                                                                                                                                                     |                                                                                       |             |                                                                                                                                                                                                  |       |                         |     |
| REV                                                                                                                                                                                                 | DATE                                                                                  | REVISER     | REVISER                                                                                                                                                                                          |       |                         |     |
| DESIGNED BY                                                                                                                                                                                         | 2022/4/26                                                                             | Li Ming     | <div><div><div>www.coresundrive.com</div><div>Coresun Drive Equipment Changzhou Co., Ltd.</div></div></div> |       |                         |     |
| CHECKED BY                                                                                                                                                                                          | 2022/4/26                                                                             | Rui Wang    |                                                                                                                                                                                                  |       |                         |     |
| APPROVED BY                                                                                                                                                                                         | 2022/4/26                                                                             | Shane Zhang |                                                                                                                                                                                                  |       |                         |     |
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|                                                                                                                                                                                                     |                                                                                       |             |                                                                                                                                                                                                  | 1 : 3 |                         |     |
| SYMBOLE ISO                                                                                                                                                                                         |  |             | SIZE                                                                                                                                                                                             | A3    | SVH3-62-RC-24H3033-H038 | REV |
|                                                                                                                                                                                                     |                                                                                       |             | SHEET                                                                                                                                                                                            | 1 / 1 |                         | A   |