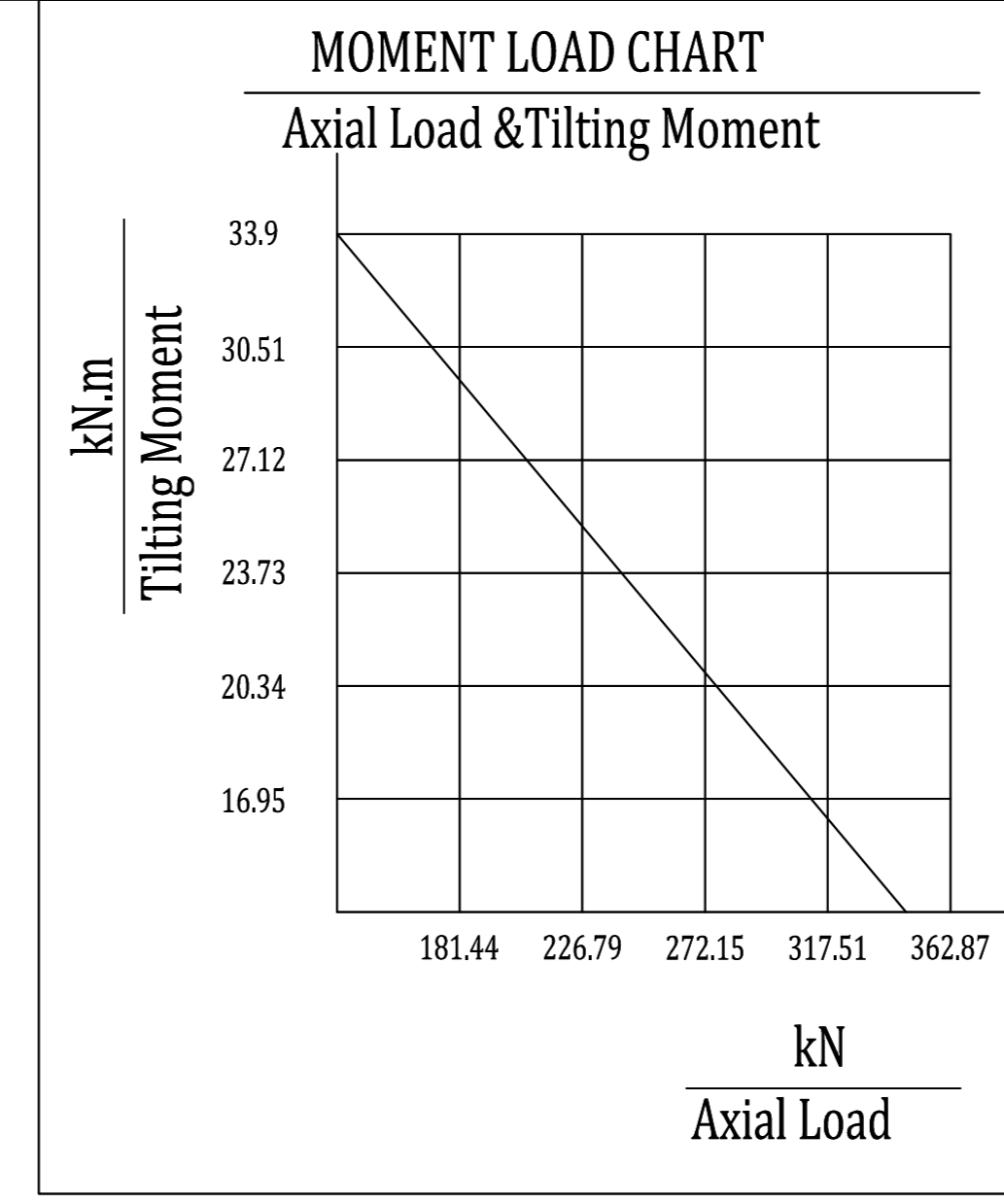


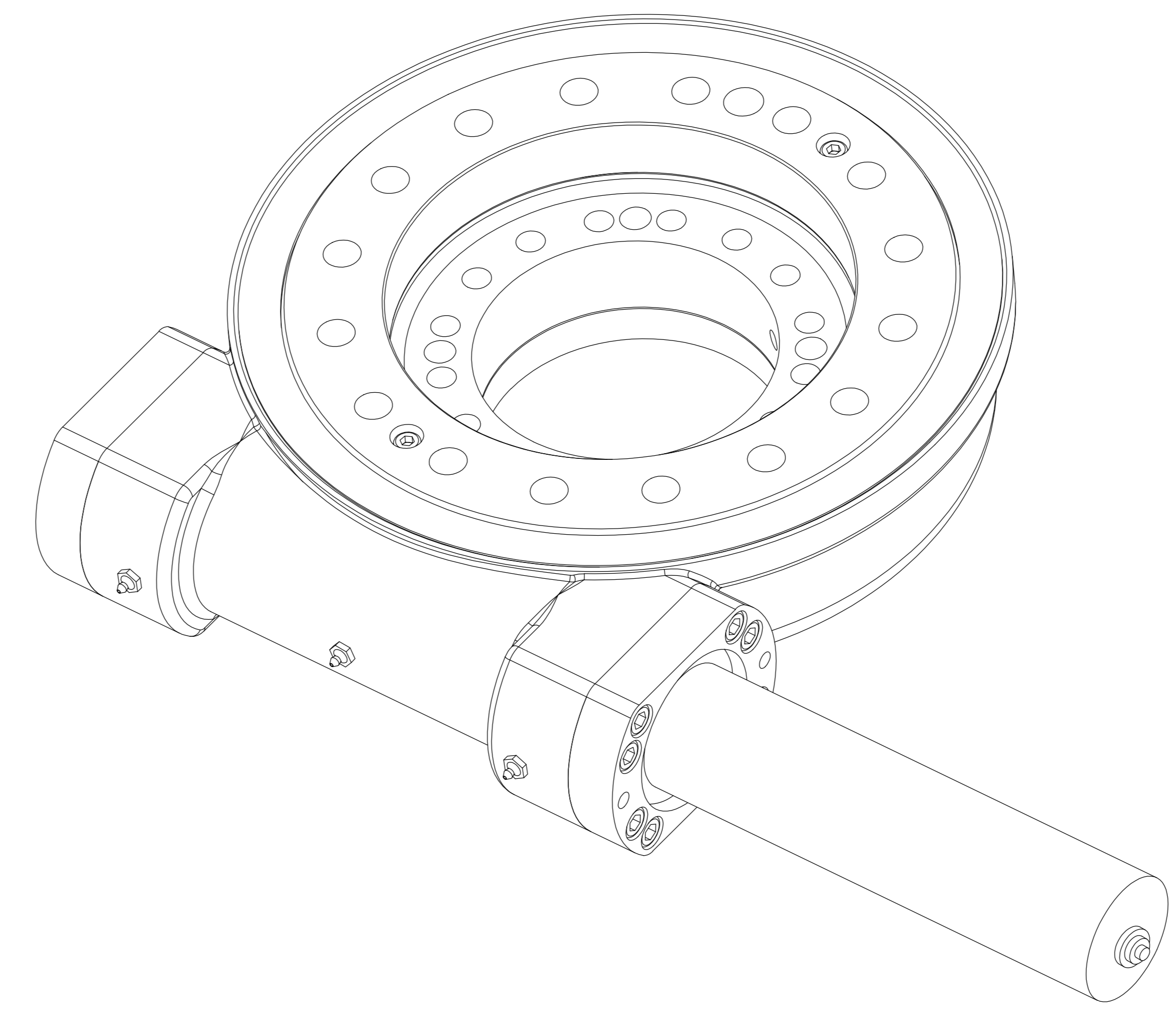
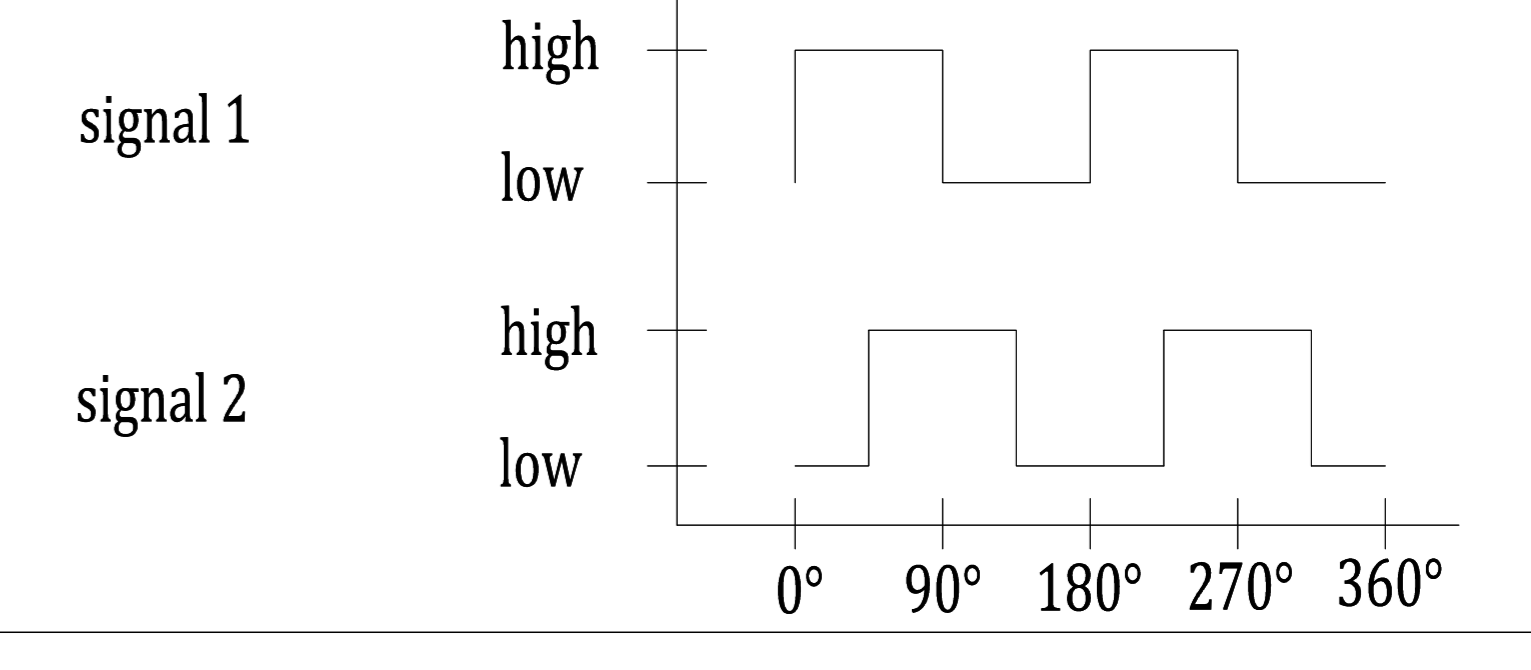
Wire Define:  
 Pin 1 (black) motor -  
 Pin 2 (red) motor +  
 Pin 3 (gray) Hall -  
 Pin 4 (brown) Hall +  
 Pin 5 (blue) Hall A  
 Pin 6 (orange) Hall B  
 Pin E (green) GND


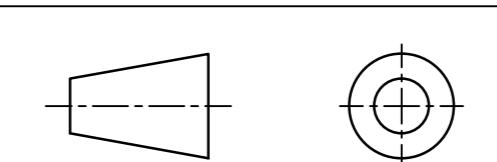


| Slewing Drive Performance Parameters |           |                            |
|--------------------------------------|-----------|----------------------------|
| Rated Output Speed                   | 0.049rpm  |                            |
| Output Torque                        | 2.44 kN.m | 1.8x10 <sup>3</sup> lbf.ft |
| Tilting Moment                       | 33.9 kN.m | 25x10 <sup>3</sup> lbf.ft  |
| Holding Torque                       | 38.7 kN.m | 29x10 <sup>3</sup> lbf.ft  |
| Static Axial Load Rating             | 338 kN    | 76x10 <sup>3</sup> lbf     |
| Static Radial Load Rating            | 135 kN    | 30x10 <sup>3</sup> lbf     |
| Gear Ratio                           | 61:1      |                            |
| Precision                            | ≤0.17°    |                            |

| 24VDC Motor Performance Data(24H/30/100) |         |
|------------------------------------------|---------|
| Rated Output Torque                      | 100 N.m |
| Rated Output Speed                       | 3 rpm   |
| IP Class                                 | IP 65   |
| Gear Ratio                               | 236:1   |
| Rated Current                            | ≤3.6A   |

| 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 | UN=12(5... 24)        |
| Operating current             | mA  | max. 12 (U=12V)       |
| 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           |



| REV                                                                                                                                                                                        | DATE     | REVISER     | REVISER                                                                                                                                                                                             |       |                                            |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|----------|
| DESIGNED BY                                                                                                                                                                                | 2019/8/1 | Li Ming     |  <a href="http://www.coresundrive.com">www.coresundrive.com</a><br>Coresun Drive Equipment Changzhou Co., Ltd. |       |                                            |          |
| CHECKED BY                                                                                                                                                                                 | 2019/8/1 | Rui Wang    |                                                                                                                                                                                                     |       |                                            |          |
| APPROVED BY                                                                                                                                                                                | 2019/8/1 | Shane Zhang |                                                                                                                                                                                                     |       |                                            |          |
| ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HERE OF ARE RESERVED, AND NO PERMISSION IS GRANTED OR TO DISCLOSE REPRODUCE THIS PRINT IN WHOLE OR IN PART, ANY OF THE INFORMATION TO OTHERS. |          |             | WEIGHT                                                                                                                                                                                              | SCALE | <b>Slewing Drive</b><br>SC9-61-RC-24H30100 | REV<br>A |
| SYMBOLE ISO                                                                                           |          |             | 56kg                                                                                                                                                                                                | 1:3   |                                            |          |
|                                                                                                                                                                                            |          |             | SIZE                                                                                                                                                                                                | A3    |                                            |          |
|                                                                                                                                                                                            |          |             | SHEET                                                                                                                                                                                               | 1/1   |                                            |          |