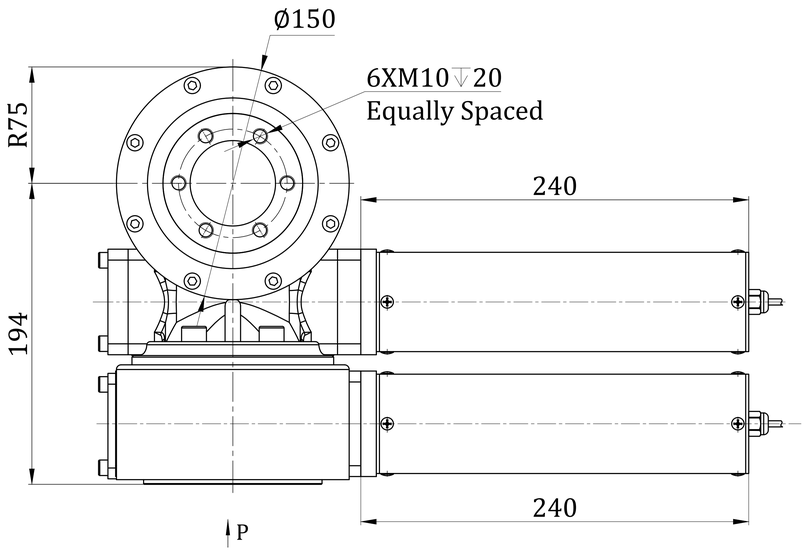
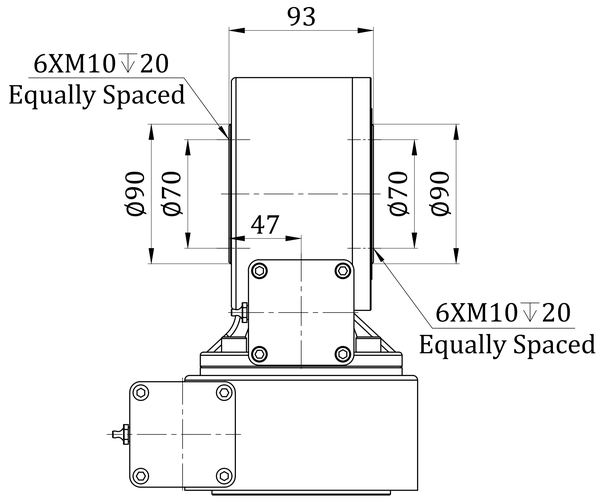
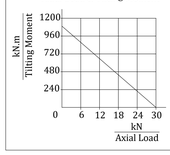



MOMENT LOAD CHART

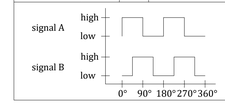
Axial Load & Tilting Moment




| Slewing Drive Performance Parameters(Elevation) | | |
|---|---|---|
| Rated Output Speed | 0.124 rpm | |
| Output Torque | 760 N.m | 561 lbf.ft |
| Tilting Moment | 1100 N.m | 811 lbf.ft |
| Holding Torque | 2200N.m | 1479 lbf.ft |
| Static Axial Rating | 30 kN | 6750lbf |
| Static Radial Rating | 15 kN | 3375lbf |
| Dynamic Axial Rating | 9.6 kN | 2160lbf |
| Dynamic Radial Rating | 8.4 kN | 1890lbf |
| Gear Ratio | 62:1 | |
| Precision | ≤0.17° | |

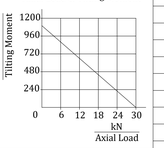
| 24VDC Planetary Reducer Motor Performance Data(24H/77/35) | |
|---|---|
| Rated Output Torque | 35 N.m |
| Rated Output Speed | 7.7 rpm |
| IP Class | IP 65 |
| Gear Ratio | 184:1 |
| Rated Current | <2.8 A |

| 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 | ℃ | -40 - +85 |




MOMENT LOAD CHART

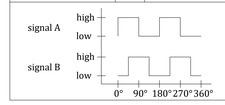
Axial Load & Tilting Moment




| Slewing Drive Performance Parameters(Horzontal) | | |
|---|---|---|
| Rated Output Speed | 0.124 rpm | |
| Output Torque | 760 N.m | 561 lbf.ft |
| Tilting Moment | 1100 N.m | 811 lbf.ft |
| Holding Torque | 2200N.m | 1479 lbf.ft |
| Static Axial Rating | 30 kN | 6750lbf |
| Static Radial Rating | 15 kN | 3375lbf |
| Dynamic Axial Rating | 9.6 kN | 2160lbf |
| Dynamic Radial Rating | 8.4 kN | 1890lbf |
| Gear Ratio | 62:1 | |
| Precision | ≤0.17° | |

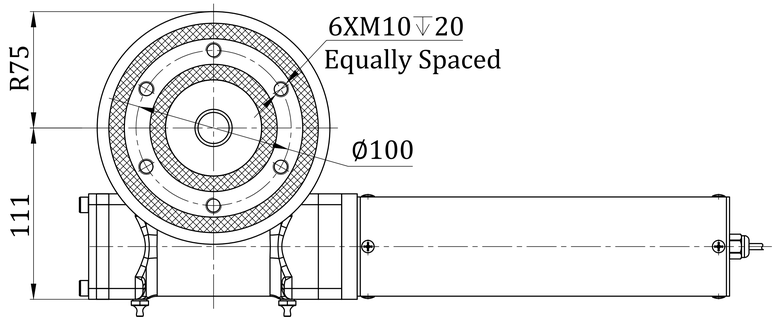
| 24VDC Planetary Reducer Motor Performance Data(24H/77/35) | |
|---|---|
| Rated Output Torque | 35 N.m |
| Rated Output Speed | 7.7 rpm |
| IP Class | IP 65 |
| Gear Ratio | 184:1 |
| Rated Current | <2.8 A |

| 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 | ℃ | -40 - +85 |

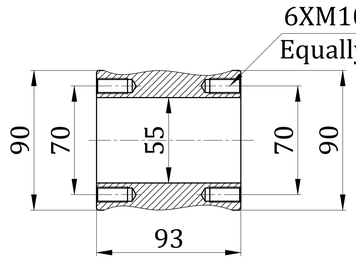


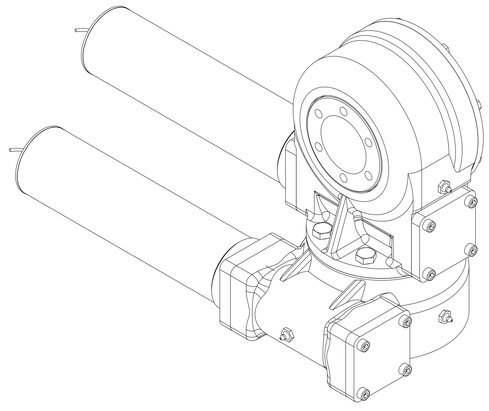

| Wire Define | |
|---|---|
| Pin 1 (black) | motor — |
| Pin 2 (red) | motor + |
| Pin 3 (grey) | hall GND |
| Pin 4 (brown) | hall +5~12V |
| Pin 5 (blue) | hall A |
| Pin 6 (orange) | hall B |
| Pin E (yellow/green) | Ground |

View P




Vertical Mounting Dimensions



| REV | DATE | REVISER | REVISER |
|---|---|---|---|
| DESIGNED BY | 2022/4/26 | Li Ming | www.coresundrive.com |
| CHECKED BY | 2022/4/26 | Rui Wang | Coresun Drive Equipment Changzhou Co., Ltd. |
| APPROVED BY | 2022/4/26 | Shane Zhang | |

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| WEIGHT | SCALE | Slewing Drive | |
|---|---|---|---|
| 28 kg | 1 : 3 | | |
| SIZE | A3 | SVH3-62-RC-24H7735 | REV |
| SHEET | 1 / 1 | | A |

SYMBOLE ISO