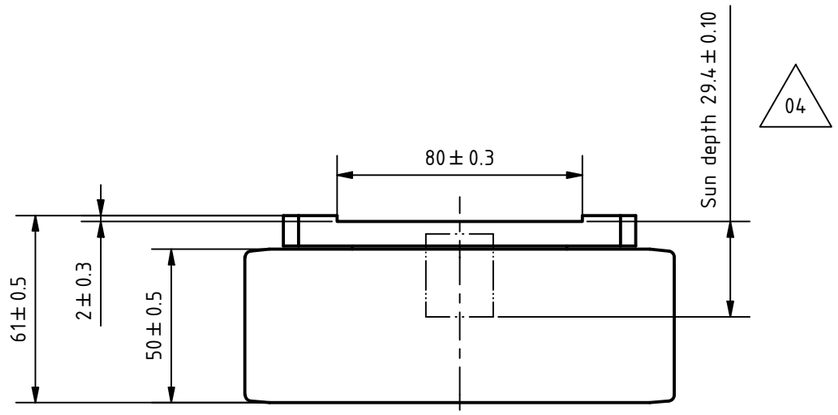


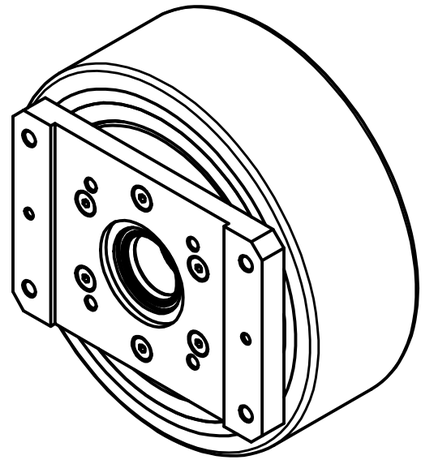

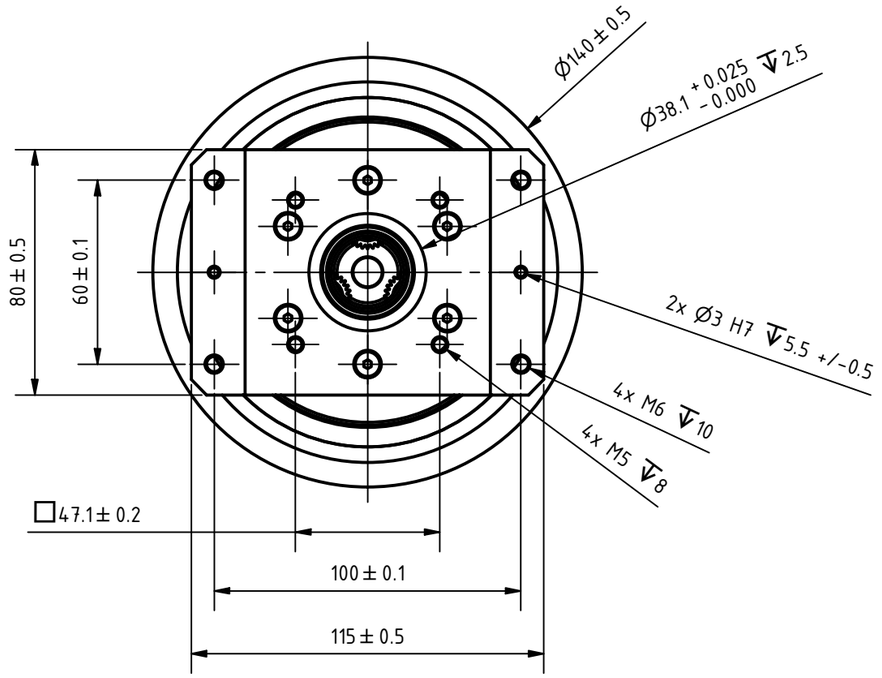


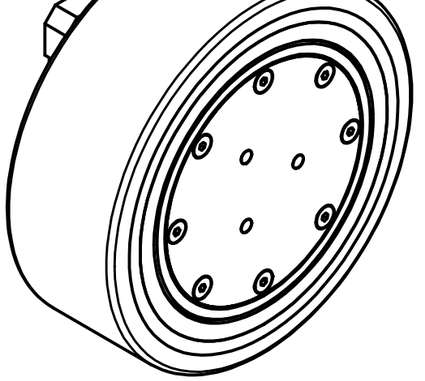

| WHEEL DRIVE SPECIFICATION | | | | | |
|---|---|---|---|---|---|
| Reduction Ratio xx | | 11 (18225/1681) | 16 (3969/256) | 20 (7371/368) | 26 (6993/272) |
| No. of Stages | | 2 | | | |
| Rated Output Torque | Nm | 20.27 | 22.01 | 23.03 | 23.13 |
| Max. Output Torque | Nm | 40.54 | 44.02 | 46.06 | 46.26 |
| Rated Input Speed | rpm | 3500 | 3500 | 3500 | 3500 |
| Max. Input Speed | rpm | 4685 | 5968 | 8304 | 8988 |
| Backlash | ° | <30 arcmin | <30 arcmin | <30 arcmin | <30 arcmin |
| Efficiency | % | 94 | 94 | 94 | 94 |
| Inertia | $10^{-6}$ kg m² | 58 | 31 | 19 | 12 |
| Load Capacity | kg | 400 | | | |
| Wheel Material | | Vulkollan | | | |
| Ambient Temperature | °C | -15...+90 | | | |
| Protection Class | | IP54 | | | |

05

03

|-0.2 |0.2

| ISO 8015 | ISO 1302 | ISO 2768 cK | ISO 13715 | | | Weight: ± 10% 3.8kg |
|---|---|---|---|---|---|---|
| 05 | updated specifications | Kolev._I | 26.04.2024 | | Date | Name | WD14050-56xx-23X |
| 04 | sun depth changed | Kolev._I | 31.01.2024 | Drawn | 11.09.2019 | Rehse_P | |
| 03 | Load capacity updated | Micheli._M | 30.06.2020 | Reviewed | 13.09.2019 | Naubert_A | |
| 02 | specifications updated | Micheli._M | 31.03.2020 | Released | 13.09.2019 | Naubert_A | |
| 01 | First Released | | | Nanotec® PLUG & DRIVE | | | 06200365 Scale: 1 : 2 |
| REV | Rev. Text | Name | Date | | | | A3 Page 1 |
| | | | | State: Released | Rev: 05 | CONFIDENTIAL | |