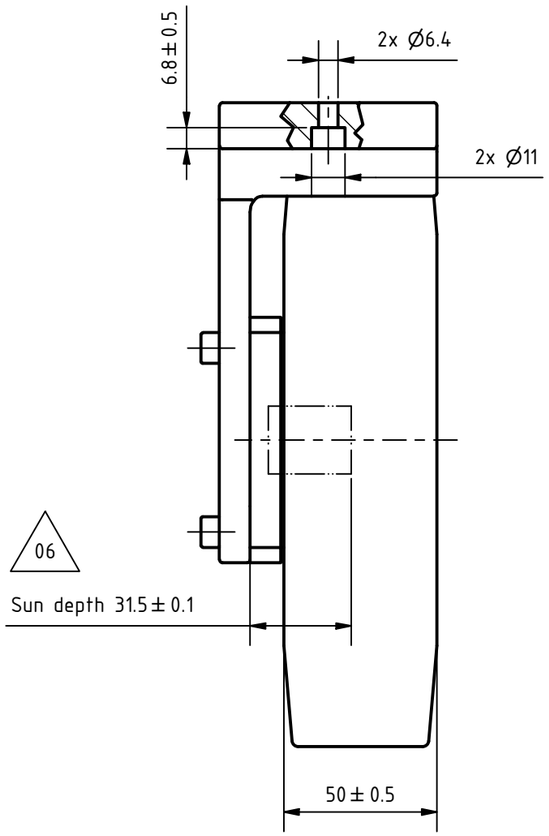
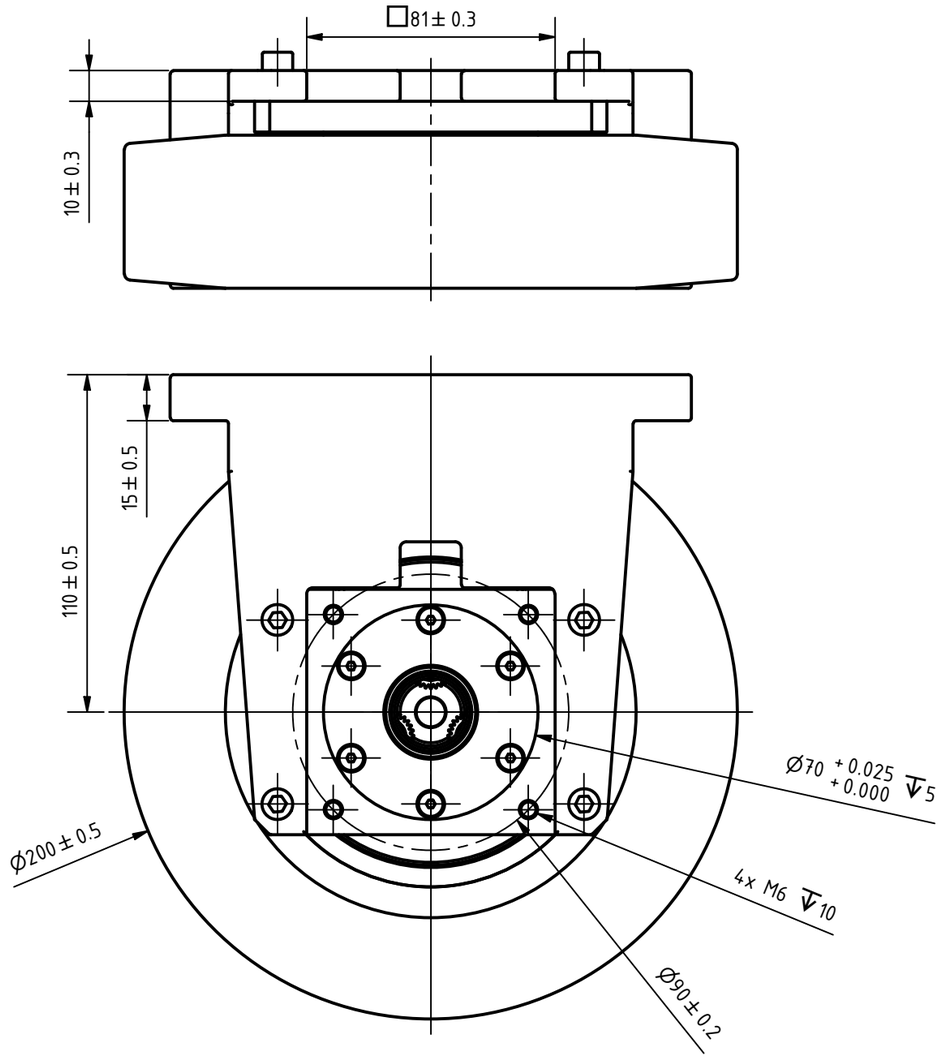
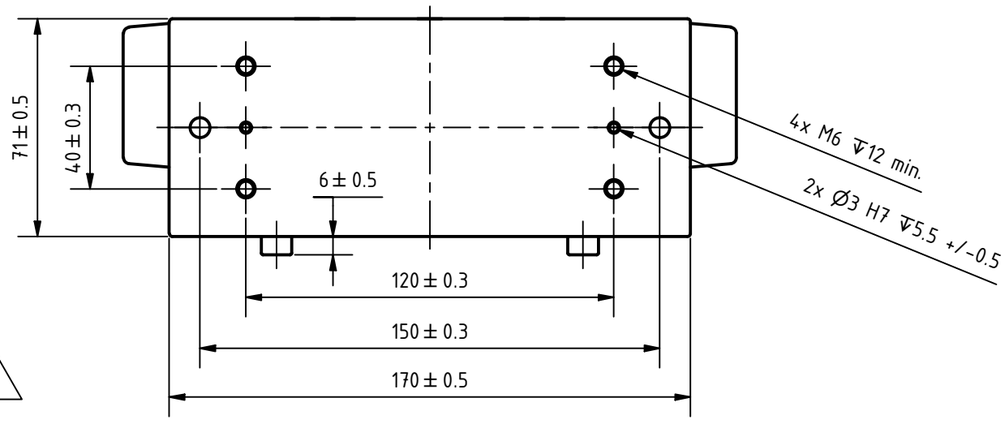
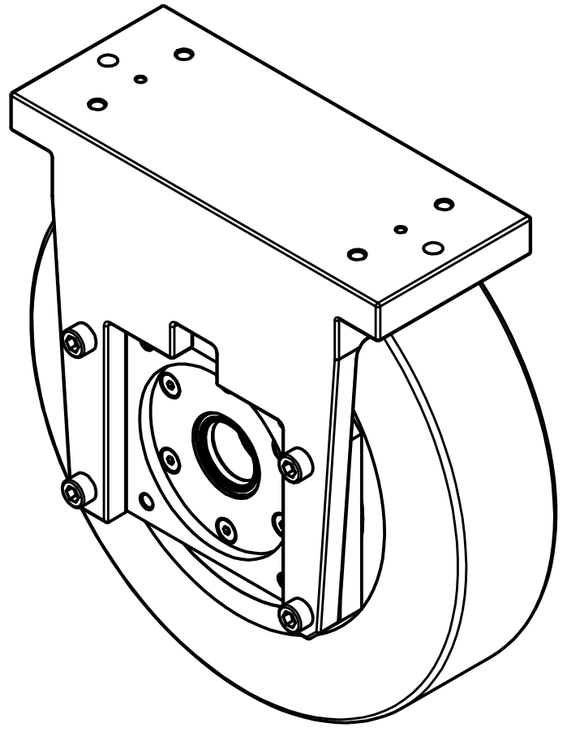
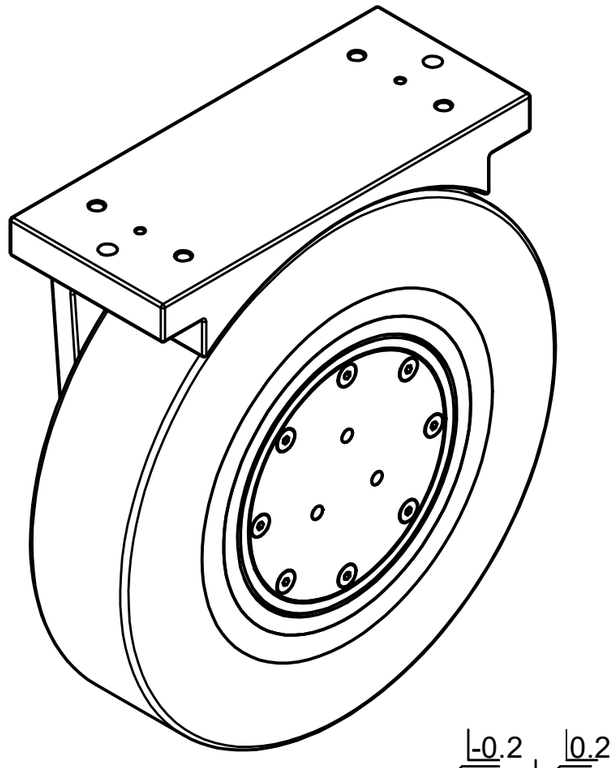


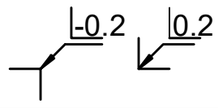





| WHEEL DRIVE SPECIFICATION | | | | | |
|---|---|---|---|---|---|
| Reduction Ratio xx | | 11 (18225/1681) | 16 (3969/256) | 20 (7371/368) | 26 (6993/272) |
| No. of Stages | | 2 | | | |
| Rated Output Torque | Nm | 20.27 | 22.01 | 23.03 | 23.13 |
| Max. Output Torque | Nm | 40.54 | 44.02 | 46.06 | 46.26 |
| 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 | 106 | 56 | 33 | 21 |
| Load Capacity | kg | 400 | | | |
| Wheel Material | | Vulkollan | | | |
| Ambient Temperature | °C | -15...+90 | | | |
| Protection Class | | IP54 | | | |

07

05




| ISO 8015 | ISO 1302 | ISO 2768 cK | ISO 13715 |
|---|---|---|---|

| REV | Rev. Text | Name | Date |
|---|---|---|---|
| 07 | updated specifications | Kolev._I | 02.05.2024 |
| 06 | sun depth changed | Kolev._I | 31.01.2024 |
| 05 | Load capacity updated | Micheli._M | 30.06.2020 |
| 04 | specifications updated | Micheli._M | 31.03.2020 |
| 03 | - | | |

| | Date | Name |
|---|---|---|
| Drawn | 06.09.2019 | Rehse_P |
| Reviewed | 16.09.2019 | Naubert_A |
| Released | 16.09.2019 | Naubert_A |

Nanotec® PLUG & DRIVE

Weight: ± 10% 5.3kg

# WD20050-56xx-80G

06200344

Scale: 1 : 2

A3 Page 1

State: Released | Rev: 07 | CONFIDENTIAL