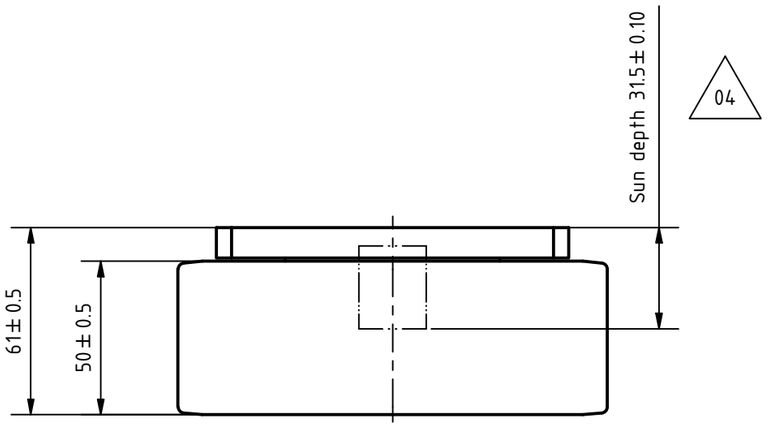

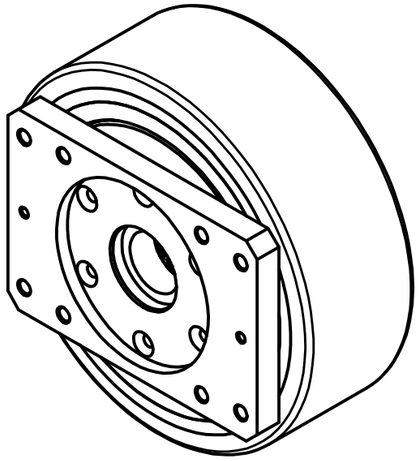

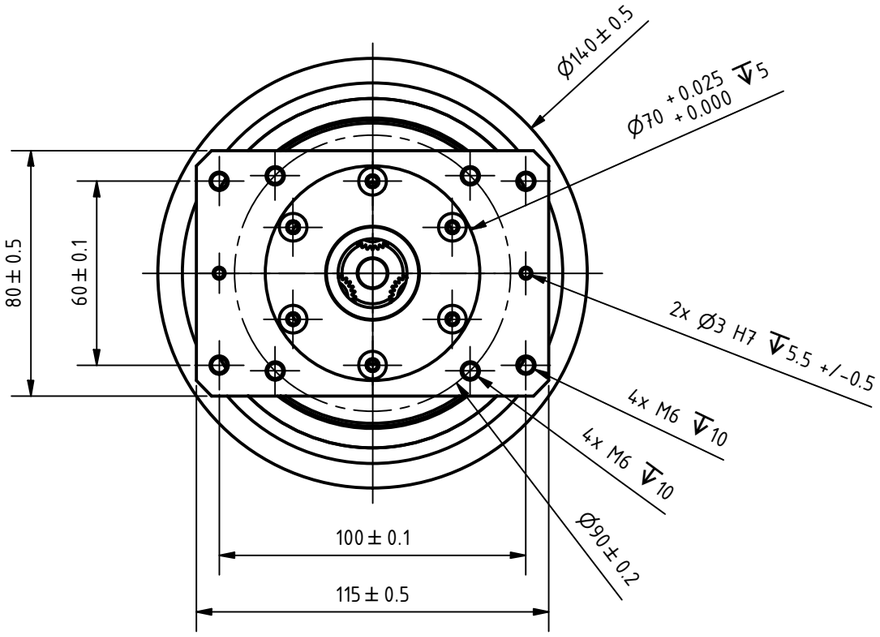

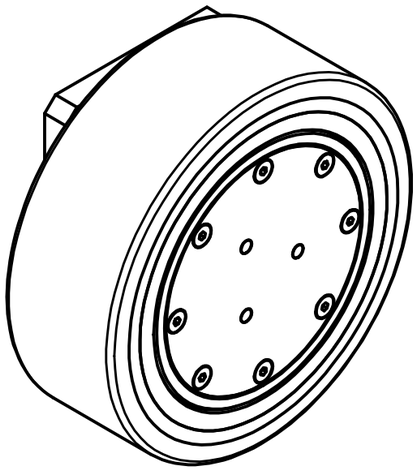

WHEEL DRIVE SPECIFICATION					
Reduction Ratio xx		11 (18225/1681)	16 (3969/256)	20 (7371/368)	26 (6993/272)
No. of Stages		2			
Rated Output Torque	Nm	20.27	22.01	23.03	23.13
Max. Output Torque	Nm	40.54	44.02	46.06	46.26
Rated Input Speed	rpm	3500	3500	3500	3500
Max. Input Speed	rpm	4685	5968	8304	8988
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

REV	Rev. Text	Name	Date
05	updated specifications	Kolev._I	26.04.2024
04	sun depth changed	Kolev._I	31.01.2024
03	Load capacity updated	Micheli._M	30.06.2020
02	specifications updated	Micheli._M	31.03.2020
01	First Released		

	Date	Name
Drawn	11.09.2019	Rehse_P
Reviewed	16.09.2019	Naubert_A
Released	16.09.2019	Naubert_A

Nanotec® PLUG & DRIVE

Weight: ± 10% 3.8kg

WD14050-56xx-80X

06200367

Scale: 1 : 2

A3 Page 1

State: Released | Rev: 05 | CONFIDENTIAL