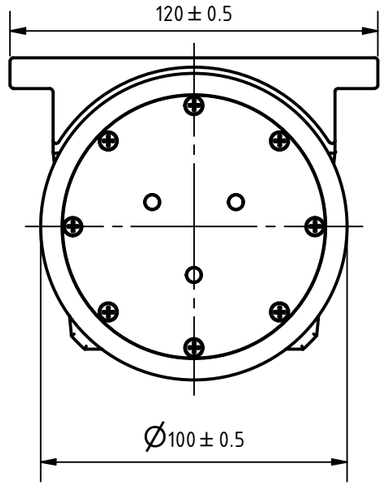

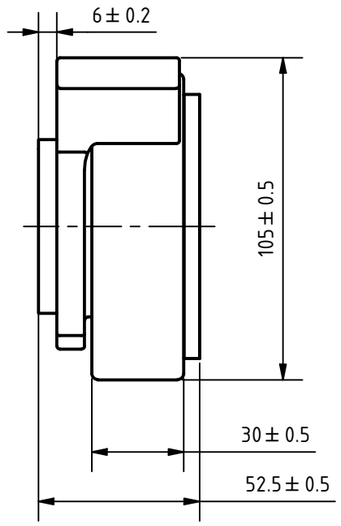

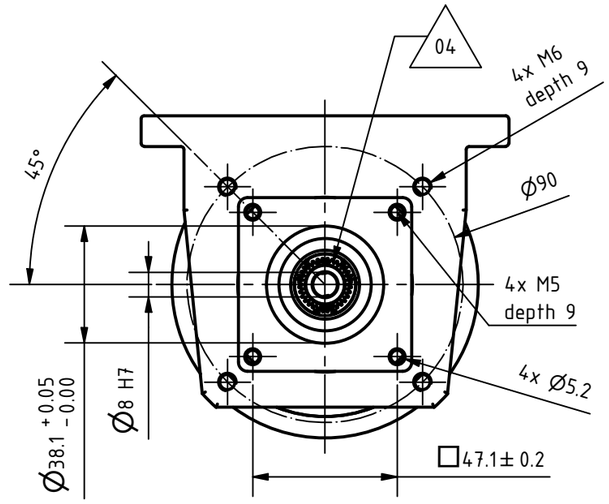

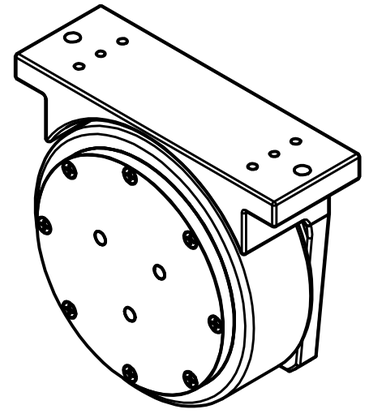

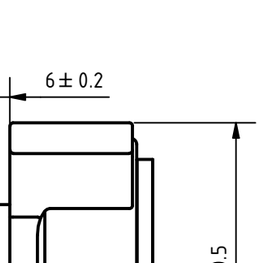

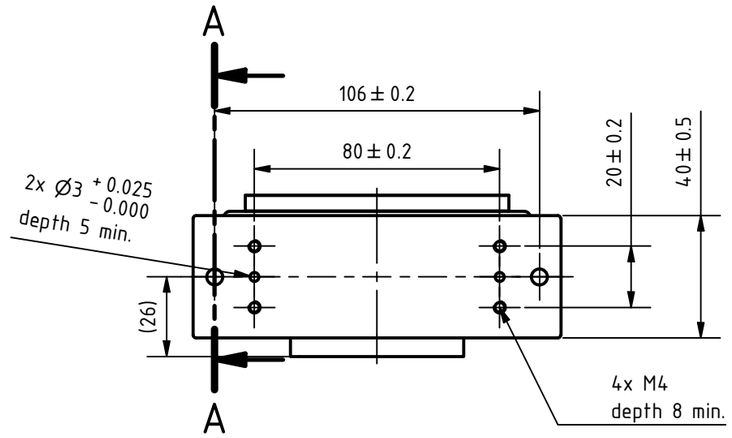

WHEEL DRIVE SPECIFICATION		
Reduction Ratio		16 (3969/256)
No. of Stages		2
Rated Output Torque	Nm	22.01
Max. Output Torque	Nm	44.02
Rated Input Speed	rpm	3,500
Max. Input Speed	rpm	5,968
Backlash	°	0.53
Efficiency	%	94
Load Capacity	kg	400
Inertia	kg m²	$11.3x10^{-6}$
Wheel Material		Lmax (polyurethane)
Ambient Temperature	°C	-15...90
Protection Class		IP54

05

03

ISO 8015	ISO 1302	ISO 2768 mH	ISO 13715		Weight: 1.6kg
05 updated specifications	Kaiming._C	30.04.2024		Date	Name
04 Tooth design updated	Micheli._M	01.07.2020	Drawn	11.02.2019	Naubert_A
03 Load capacity updated	Micheli._M	02.04.2020	Reviewed	01.03.2019	Naubert_A
02 Specifications updated	Micheli._M	30.03.2020	Released	01.03.2019	Naubert_A
01 Internal changes		30.03.2020	Nanotec® PLUG & DRIVE		
REV Rev. Text	Name	Date			

WD10030-5616-23B

06000098 | Scale: 1 : 2 | A3 Page 1

State: Released | Rev: 05 | CONFIDENTIAL