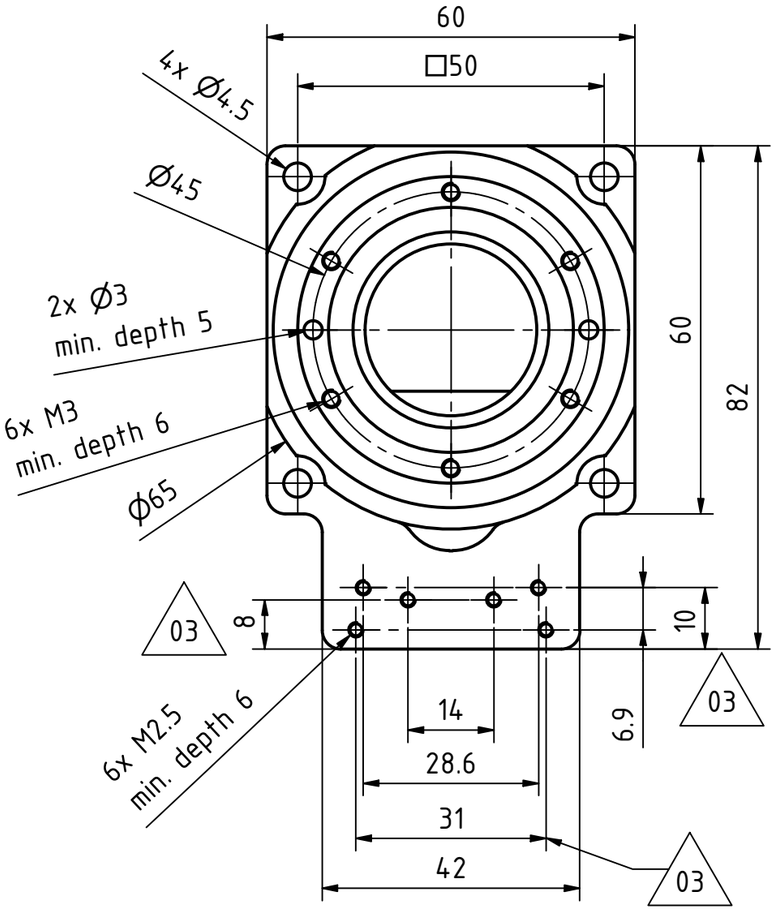
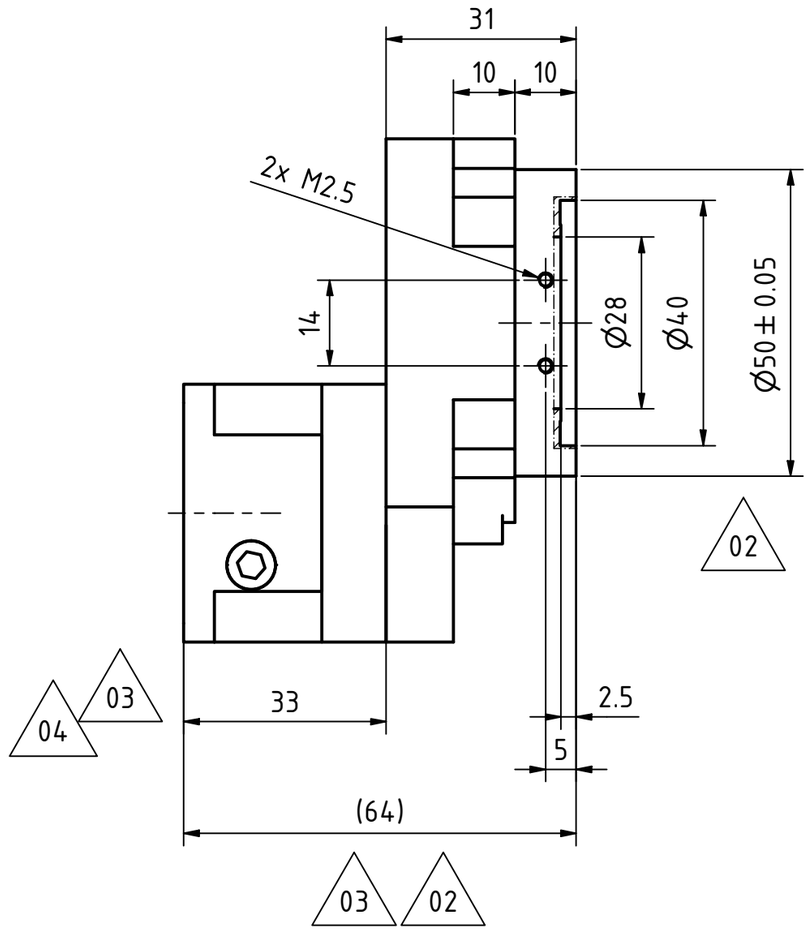
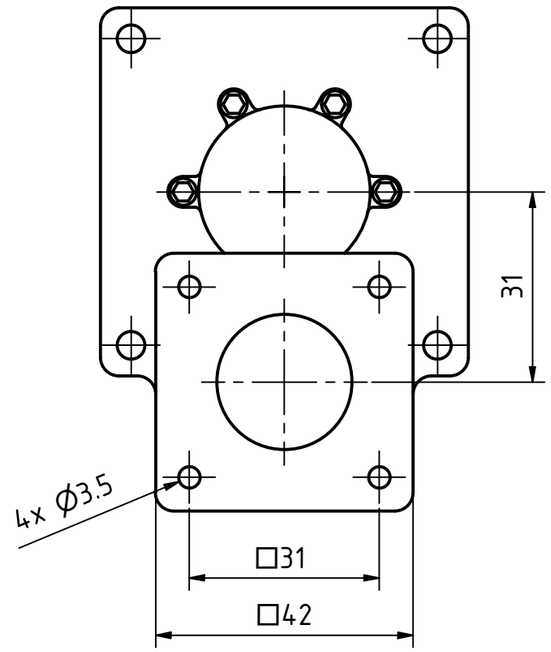


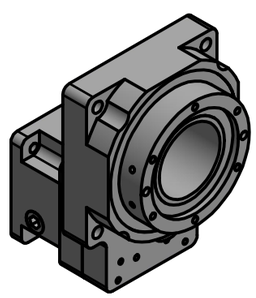




GEARBOX SPECIFICATION		
Reduction Ratio		10
No. of Stages		1
Rated Output Torque	Nm	3.5
Max. Output Torque	Nm	3.5
Rated Input Speed	rpm	3000
Max. Input Speed	rpm	5000
Backlash	°	≤ 0.02
Efficiency	%	98
Lifetime	h	20000
Max. Axial Force	N	250
Gearbox Inertia	kg m²	1000 x10^{-6}
Repetitive Positioning Accuracy	°	0.02 ± 0.008
Max. Tilting Moment	Nm	5
Runout of Output Table Surface	mm	0.01
Runout of Output Table Inner (Outer) Diameter	mm	0.01
Ambient Temperature	°C	-15 ...90
Protection Class		IP50

02

01



ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715		Weight: ± 10% 0.55kg
			Date	Name	
04	CR_2024-0073	Schneid_A	22.01.2025	Drawn	22.06.2023 Schneid_A
03	CR_2024-0073	Schneid_A	14.01.2025	Reviewed	11.07.2023 Sejdini._B
02	dimensions updated	Kolev._I	22.11.2023	Released	11.07.2023 Sejdini._B
01	add. values	Schneid_A	09.08.2023		
REV	Rev. Text	Name	Date		

Nanotec® PLUG & DRIVE

HRTA-601-010

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State: Released | Rev: 04 | CONFIDENTIAL