



GEARBOX SPECIFICATION

Reduction Ratio		30 (30/1)
No. of Stages		2
Rated Output Torque	Nm	4.9
Max. Output Torque	Nm	9.8
Rated Input Speed	rpm	3,000
Max. Input Speed	rpm	11,000
Backlash	°	0.6
Efficiency	%	81
Lifetime	h	5,000
Max. Axial Force	N	1060
Max. Radial Force (shaft middle)	N	360
Gearbox Inertia	kg m ²	0.403 x10 ⁻⁶
Ambient Temperature	°C	-10 ... 50
Protection Class		IP54

ISO 8015	ISO 1302	ISO 2768 cK	ISO 13715	Weight: ~0.38kg
			Date	Name
			Drawn	02.11.2022 Kaiming_C
			Reviewed	03.11.2022 Kaiming_C
			Released	03.11.2022 Kaiming_C
00				
REV	Rev. Text	Name	Date	

Nanotec PLUG & DRIVE		20001764	Scale: 1 : 1
State: Released		Rev: 00	CONFIDENTIAL

GP42-N2-30-SR