PRODUCT MANUAL
产品手册



目录/Contents

应用场景/Application industry ····· 01
电机结构图/Motor structure diagram ··· 03
命名规则/Naming rule ····· 03
GIM3505-8 ····· 05
GIM3505-9 ····· 07
GIM3505-36 ····· 09
GIM4305-10 ····· 11
GIM4310-10 ····· 13
GIM4310-36 ····· 15
GIM4310-40 ····· 17
GIM4315-8 ····· 19
GIM4315-40 ····· 21
GIM6010-6 ····· 23
GIM6010-8 ····· 25
GIM6010-36 ····· 27
GIM6010-48 ····· 29
GIM8108-6 ····· 31
GIM8108-8 ····· 33
GIM8108-9 ····· 35
GIM8108-48 ····· 37
GIM8115-6 ····· 39
GIM8115-9 ····· 41
TT4510-10 ····· 43
TT4510-36 ····· 45
TT8116-9 ····· 47

选型表/Selection table

参数(Parments)	GIM3505-8	GIM3505-9		GIM3505-36		GIM4305-10
额定电压(Rated voltage) /V	48	24	48	24	48	48
额定电流(Rated current) /A	1.2	1.2	0.4	1.4	0.8	2.1
额定扭矩(Rated torque)/N.M	0.79	0.74	0.27	2.98	2.92	1.03
峰值扭矩(Max toque)/N.M	2.01	1.98	2.79	7.34	10.29	5.83
额定转速(Rated speed)/RPM	365.4	238.3	422.7	55.3	84.4	683.2
峰值转速(Max speed)/RPM	604.5	356.2	451.4	81.6	103.4	799.2
重量(Weight)/g	97.0	131.7	131.7	177.0	177.0	150.0

参数(Parments)	GIM4310-10	GIM4310-36	GIM4310-40	GIM4315-8	GIM4315-40	GIM6010-6
额定电压(Rated voltage) /V	48	48	24	48	24	48
额定电流(Rated current) /A	2.2	2.1	7.2	2.7	5.1	5
额定扭矩(Rated torque)/N.M	1.85	5.97	13.79	3.08	16.55	3.89
峰值扭矩(Max toque)/N.M	10.26	26.84	44.96	13.21	62.82	13.35
额定转速(Rated speed)/RPM	458.7	100.8	78.3	267.5	46.9	428.7
峰值转速(Max speed)/RPM	516.7	126.6	91.7	338.9	67.4	538.6
重量(Weight)/g	227.0	310.0	364.5	371.5	404.8	318.0

参数(Parments)	GIM6010-8		GIM6010-36		GIM6010-48	GIM8108-6
额定电压(Rated voltage) /V	24	48	24	48	48	48
额定电流(Rated current) /A	5.4	3.6	8.4	3.9	7.4	8.6
额定扭矩(Rated torque)/N.M	4.77	6.92	19.06	14.06	28.54	7.58
峰值扭矩(Max toque)/N.M	13.94	17.88	58.44	64.03	85.84	24.58
额定转速(Rated speed)/RPM	181.2	175.8	64.3	81.3	96.3	242.3
峰值转速(Max speed)/RPM	230.2	284.9	80.9	108.6	109.3	300.4
重量(Weight)/g	388.0	388.0	574.0	574.0	776.9	567.0

参数(Parments)	GIM8108-8	GIM8108-9		GIM8108-48	GIM8115-6	GIM8115-9
额定电压(Rated voltage) /V	48	24	48	48	24	24
额定电流(Rated current) /A	4.4	11.3	6.6	5.3	9.8	10.4
额定扭矩(Rated torque)/N.M	9.57	10.14	10.76	53.6	11.1	16.71
峰值扭矩(Max toque)/N.M	23.93	31.37	34.06	142.4	39.3	57.84
额定转速(Rated speed)/RPM	156.8	159.1	182.5	29.7	155.7	97.6
峰值转速(Max speed)/RPM	313.3	206.6	227.5	72.2	196.4	131.5
重量(Weight)/g	396.0	567.0	567.0	780.4	705.0	705.0

参数(Parments)	GIM8115-9	TT4510-10	TT4510-36	TT8116-9		
额定电压(Rated voltage) /V	48	24	24	24		
额定电流(Rated current) /A	6.3	4.7	4.8	7.5		
额定扭矩(Rated torque)/N.M	18.82	2.9	9.9	13		
峰值扭矩(Max toque)/N.M	61.42	11.95	39.73	60.07		
额定转速(Rated speed)/RPM	124.3	280	74	100		
峰值转速(Max speed)/RPM	171.7	307.8	89.2	172.9		
重量(Weight)/g	705.0	309.4	392.4	309.4		

应用场景/Application industry

机器人应用 Robot Application



具身智能/Embodied Intelligence



机械臂/Robotic Arm



轮式机器人/Wheeled Robot

医疗健康 Medical Health



医疗设备/Medical Equipment



辅助康复机器人/Assistive Rehabilitation

工业自动化 Industrial Automation



自动化设备/Automation Equipment



AGV小车/Automated Guided Vehicle

其他行业 Other Industries

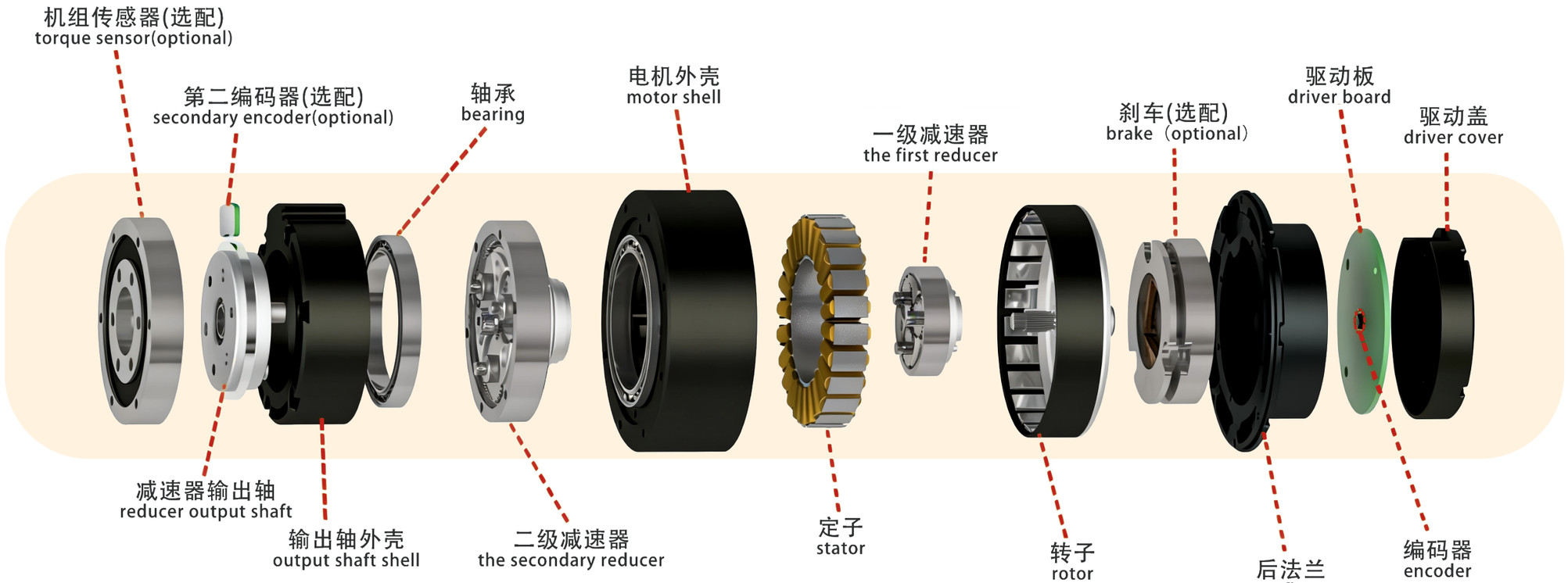


无人机绞盘/UAV Winch

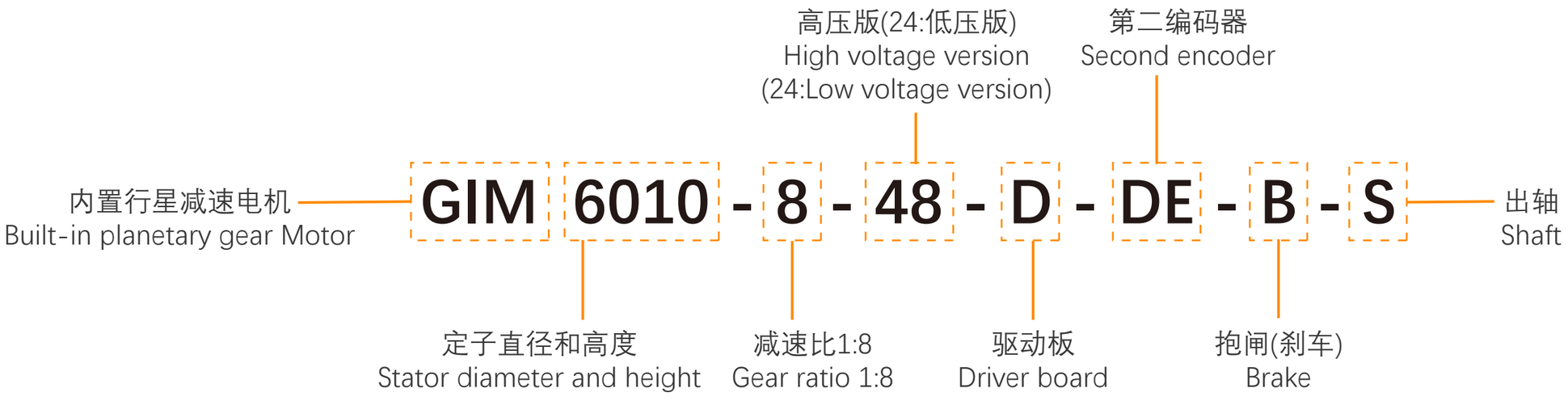


机械狗/Quadruped Robot

电机结构图/Motor structure diagram



命名规则/Naming rule

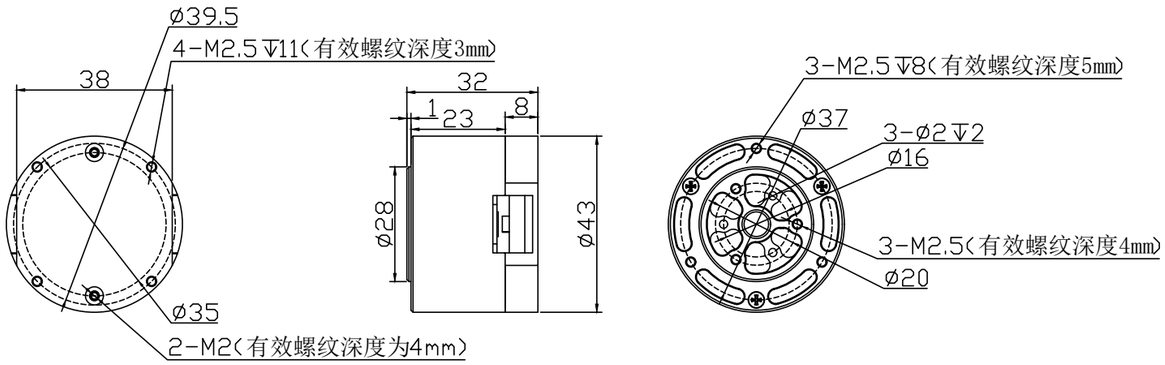


电机型号 Motor Model

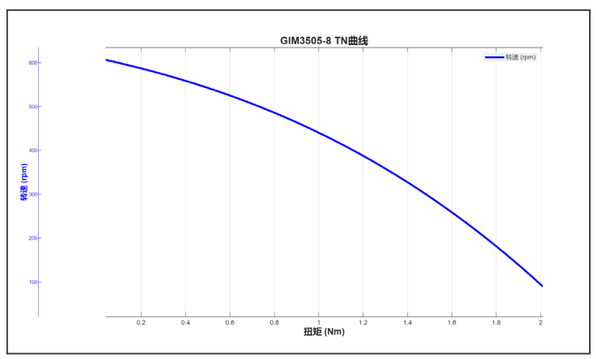
GIM3505-8



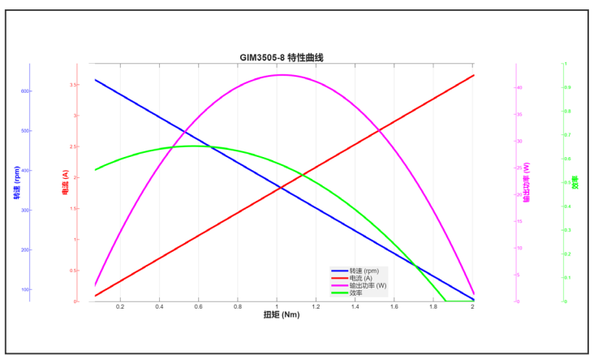
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

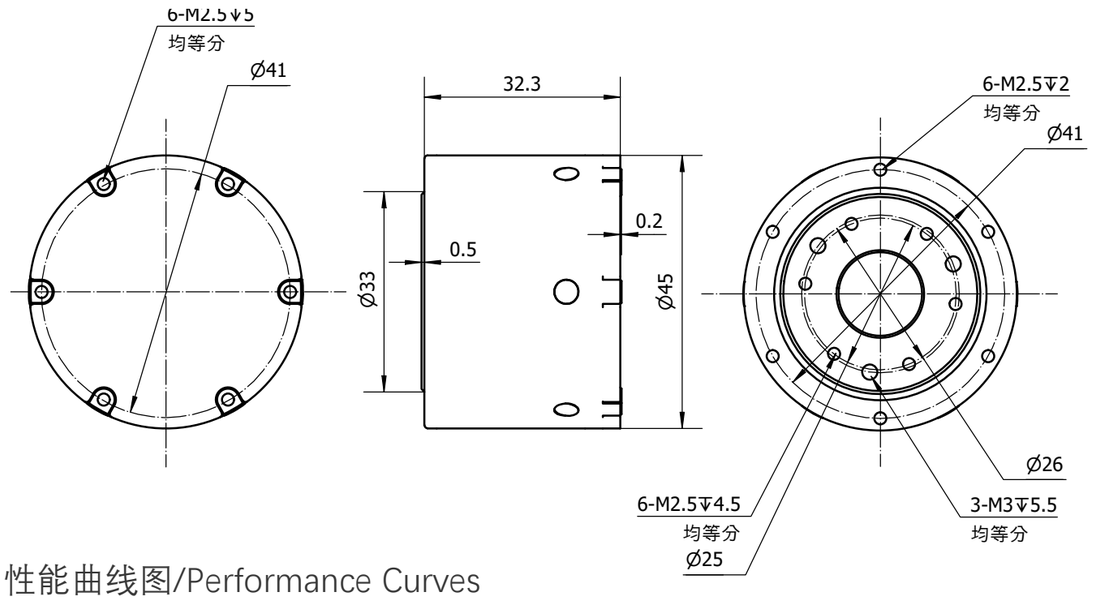
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	57.6
额定扭矩(Rated torque)	N.M	0.79
堵转扭矩(Peak torque)	N.M	2.01
减速后额定转速 (Rated speed after reduce)	rpm	365.4
减速后最大转速 (Max speed after reduce)	rpm	604.5
额定电流(Rated current)	A	1.2
堵转电流(Peak current)	A	3.92
线电阻(Line resistance)	Ω	5.47
线电感(Line inductance)	mH	0.48
转速常数(Speed constant)	rpm/v	12.59
扭矩常数(Torque constant)	N.M/A	0.41
极对数(Number of pole pairs)	Pairs	11
减速比(Gear rate)	/	8:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	84.0
电机重量带驱动 (Motor weight with driver)	g	97.0
电机尺寸不带驱动 (Size without driver)	mm	Ø43*23
电机尺寸带驱动 (Size with driver)	mm	Ø43*32
轴向最大负载(Max.Axial load)	N	75
径向最大负载(Max.Radial load)	N	300
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	YES
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	NO
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

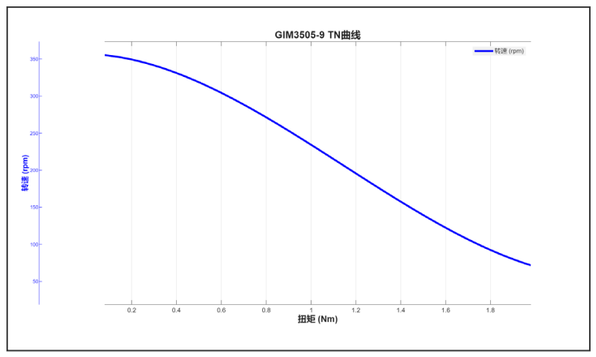
GIM3505-9



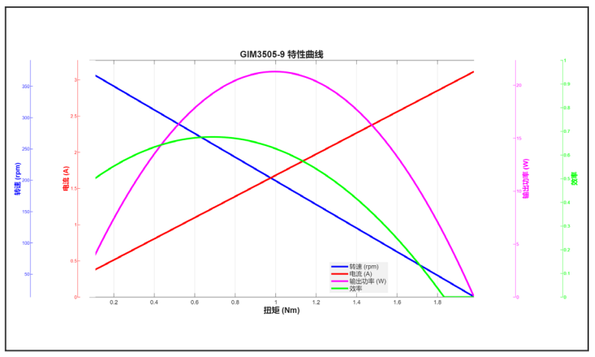
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

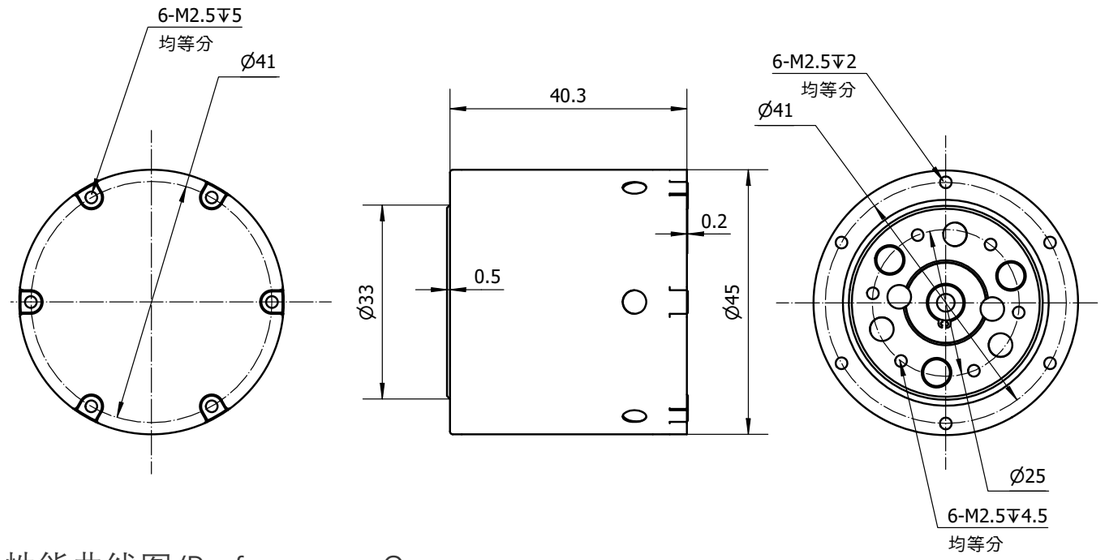
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~60	12~60
额定功率(Rated power)	W	28.8	19.2
额定扭矩(Rated torque)	N.M	0.74	0.27
堵转扭矩(Peak torque)	N.M	1.98	2.79
减速后额定转速 (Rated speed after reduce)	rpm	238.3	422.7
减速后最大转速 (Max speed after reduce)	rpm	356.2	451.4
额定电流(Rated current)	A	1.2	0.4
堵转电流(Peak current)	A	3.21	3.42
线电阻(Line resistance)	Ω	5.14	10.48
线电感(Line inductance)	mH	0.23	0.14
转速常数(Speed constant)	rpm/v	14.84	9.40
扭矩常数(Torque constant)	N.M/A	0.47	0.75
极对数(Number of pole pairs)	Pairs	11	11
减速比(Gear rate)	/	9:1	9:1
减速器类型(Gear type)	/	Planetary	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU	ALU
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15	15
电机重量不带驱动 (Motor weight without driver)	g	120.0	120.0
电机重量带驱动 (Motor weight with driver)	g	131.7	131.7
电机尺寸不带驱动 (Size without driver)	mm	Ø45*29.4	Ø45*29.4
电机尺寸带驱动 (Size with driver)	mm	Ø45*32.3	Ø45*32.3
轴向最大负载(Max.Axial load)	N	75	75
径向最大负载(Max.Radial load)	N	300	300
通信协议(Communication)	/	CAN&485	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	YES	YES
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES	YES
噪音(Noise)	dB	< 60	< 60
防水防尘等级(Protection grade)	/	IP54	IP54
工作温度范围(Working temperature)	℃	‘-20~+80	‘-20~+80

电机型号 Motor Model

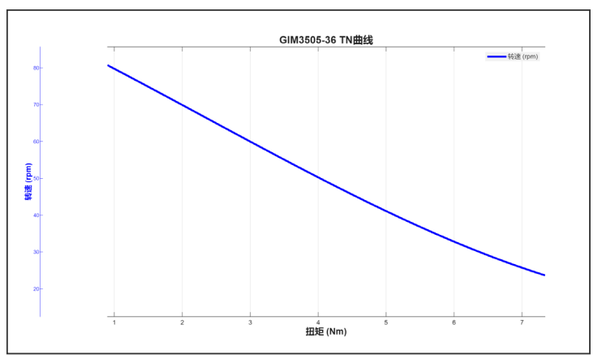
GIM3505-36



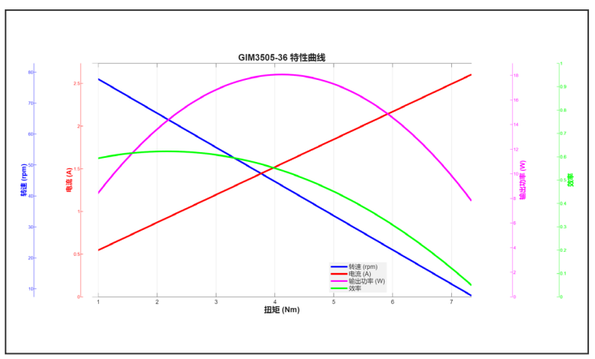
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

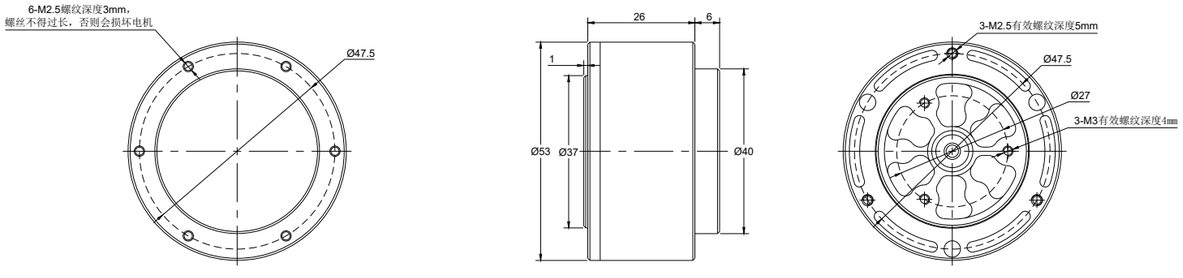
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~60	12~60
额定功率(Rated power)	W	33.6	38.4
额定扭矩(Rated torque)	N.M	2.98	2.92
堵转扭矩(Peak torque)	N.M	7.34	10.29
减速后额定转速 (Rated speed after reduce)	rpm	55.3	84.4
减速后最大转速 (Max speed after reduce)	rpm	81.6	103.4
额定电流(Rated current)	A	1.4	0.8
堵转电流(Peak current)	A	2.82	3.19
线电阻(Line resistance)	Ω	5.13	9.44
线电感(Line inductance)	mH	0.54	0.12
转速常数(Speed constant)	rpm/v	3.40	2.15
扭矩常数(Torque constant)	N.M/A	1.9	3.05
极对数(Number of pole pairs)	Pairs	11	11
减速比(Gear rate)	/	36:1	36:1
减速器类型(Gear type)	/	Planetary	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU	ALU
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15	15
电机重量不带驱动 (Motor weight without driver)	g	165.3	165.3
电机重量带驱动 (Motor weight with driver)	g	177.0	177.0
电机尺寸不带驱动 (Size without driver)	mm	Ø45*37.4	Ø45*37.4
电机尺寸带驱动 (Size with driver)	mm	Ø45*40.3	Ø45*40.3
轴向最大负载(Max.Axial load)	N	75	75
径向最大负载(Max.Radial load)	N	300	300
通信协议(Communication)	/	CAN&485	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	YES	YES
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES	YES
噪音(Noise)	dB	< 60	< 60
防水防尘等级(Protection grade)	/	IP54	IP54
工作温度范围(Working temperature)	℃	‘-20~+80	‘-20~+80

电机型号 Motor Model

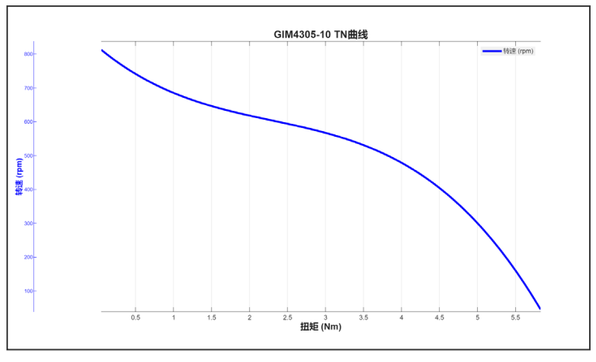
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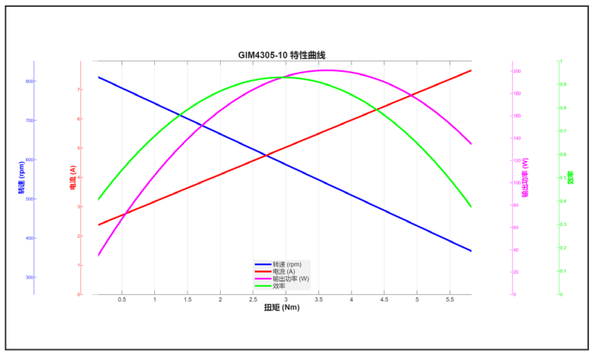
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

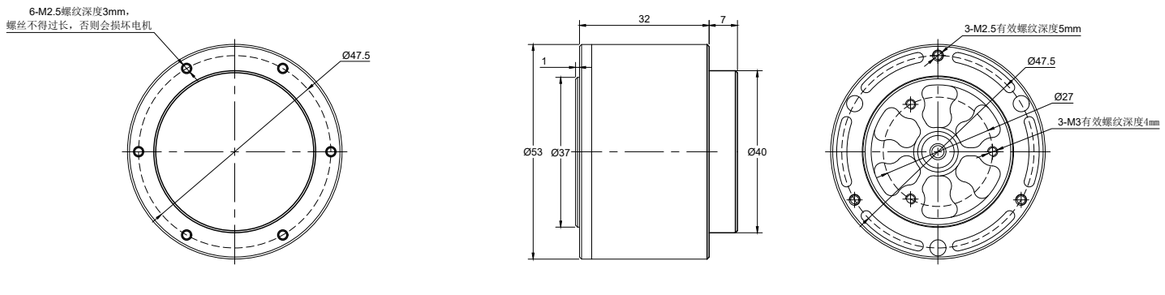
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	100.8
额定扭矩(Rated torque)	N.M	1.03
堵转扭矩(Peak torque)	N.M	5.83
减速后额定转速 (Rated speed after reduce)	rpm	683.2
减速后最大转速 (Max speed after reduce)	rpm	799.2
额定电流(Rated current)	A	2.1
堵转电流(Peak current)	A	7.85
线电阻(Line resistance)	Ω	1.11
线电感(Line inductance)	mH	0.28
转速常数(Speed constant)	rpm/v	16.65
扭矩常数(Torque constant)	N.M/A	0.5
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	10:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU or STELL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	140.0
电机重量带驱动 (Motor weight with driver)	g	150.0
电机尺寸不带驱动 (Size without driver)	mm	Ø53*26
电机尺寸带驱动 (Size with driver)	mm	Ø53*32
轴向最大负载(Max.Axial load)	N	125
径向最大负载(Max.Radial load)	N	500
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	YES
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	NO
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

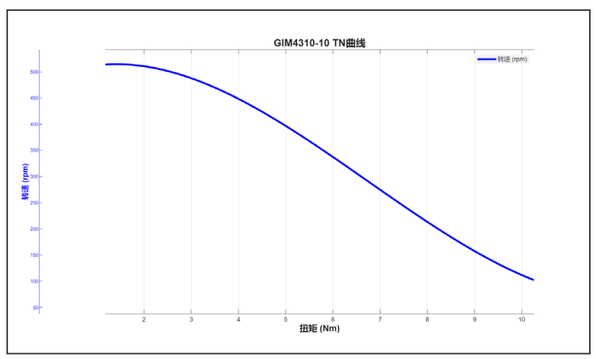
GIM4310-10



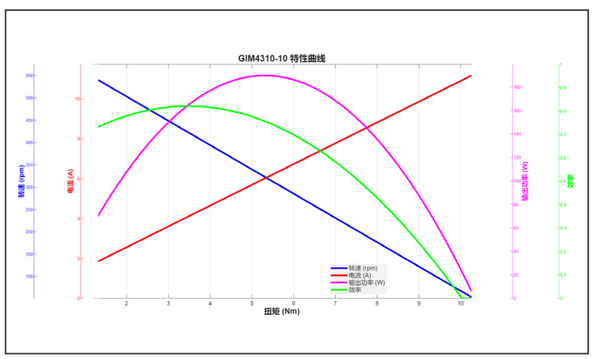
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

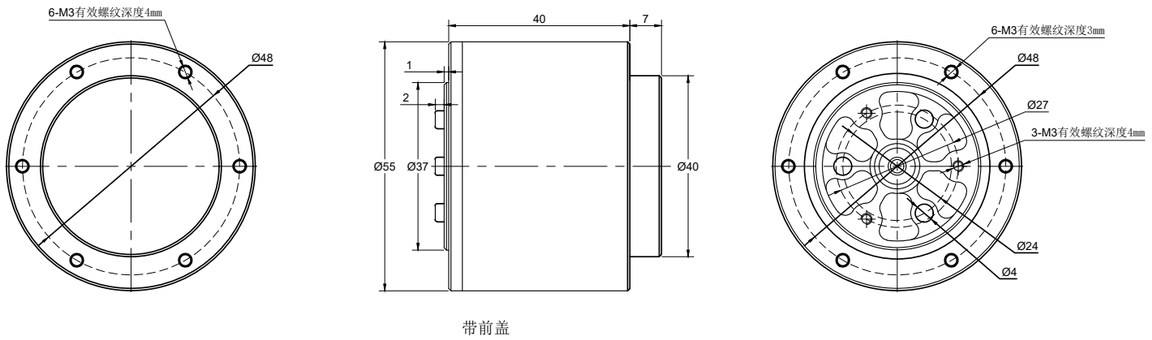
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	105.6
额定扭矩(Rated torque)	N.M	1.85
堵转扭矩(Peak torque)	N.M	10.26
减速后额定转速 (Rated speed after reduce)	rpm	458.7
减速后最大转速 (Max speed after reduce)	rpm	516.7
额定电流(Rated current)	A	2.2
堵转电流(Peak current)	A	11.9
线电阻(Line resistance)	Ω	1.96
线电感(Line inductance)	mH	0.67
转速常数(Speed constant)	rpm/v	10.76
扭矩常数(Torque constant)	N.M/A	0.78
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	10:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STELL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	217.0
电机重量带驱动 (Motor weight with driver)	g	227.0
电机尺寸不带驱动 (Size without driver)	mm	Ø53*32
电机尺寸带驱动 (Size with driver)	mm	Ø53*38
轴向最大负载(Max.Axial load)	N	125
径向最大负载(Max.Radial load)	N	500
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	YES
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	NO
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

GIM4310-36

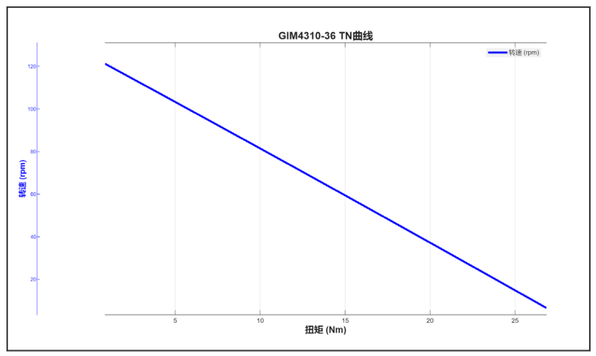


电机尺寸图/Dimension Drawing

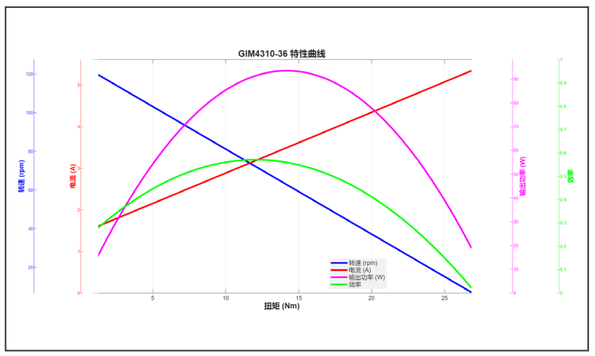


带前盖

性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

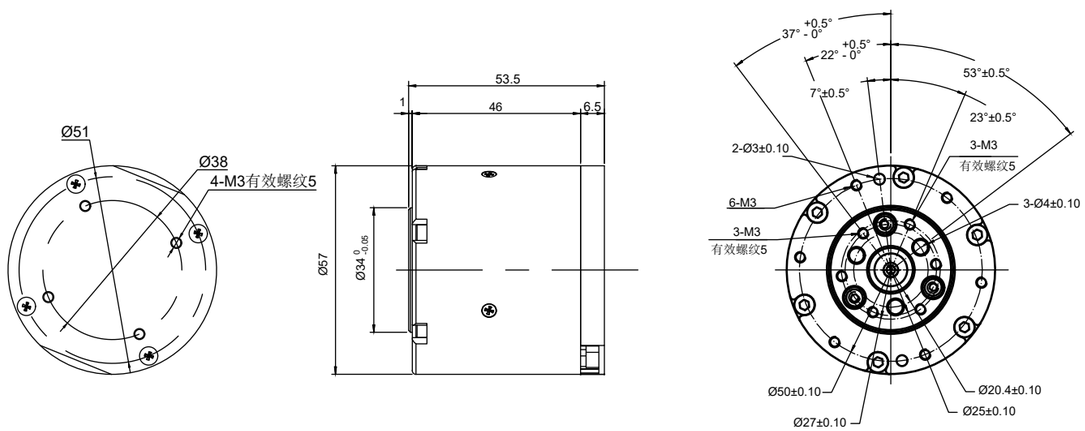
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	100.8
额定扭矩(Rated torque)	N.M	5.97
堵转扭矩(Peak torque)	N.M	26.84
减速后额定转速 (Rated speed after reduce)	rpm	100.8
减速后最大转速 (Max speed after reduce)	rpm	126.6
额定电流(Rated current)	A	2.1
堵转电流(Peak current)	A	5.25
线电阻(Line resistance)	Ω	1.86
线电感(Line inductance)	mH	0.66
转速常数(Speed constant)	rpm/v	2.64
扭矩常数(Torque constant)	N.M/A	3.05
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	36:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	300.0
电机重量带驱动 (Motor weight with driver)	g	310.0
电机尺寸不带驱动 (Size without driver)	mm	Ø55*40
电机尺寸带驱动 (Size with driver)	mm	Ø55*47
轴向最大负载(Max.Axial load)	N	125
径向最大负载(Max.Radial load)	N	500
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	NO
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

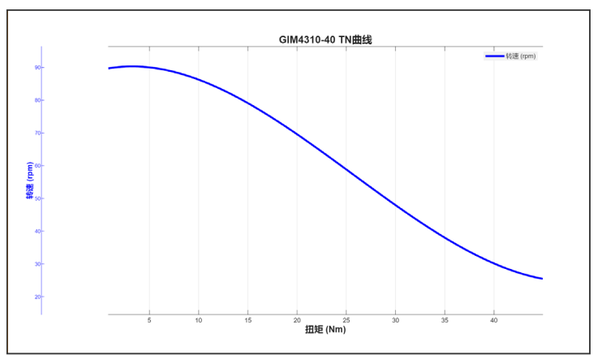
GIM4310-40



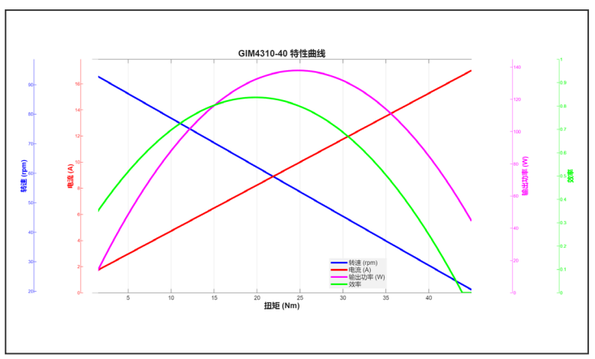
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

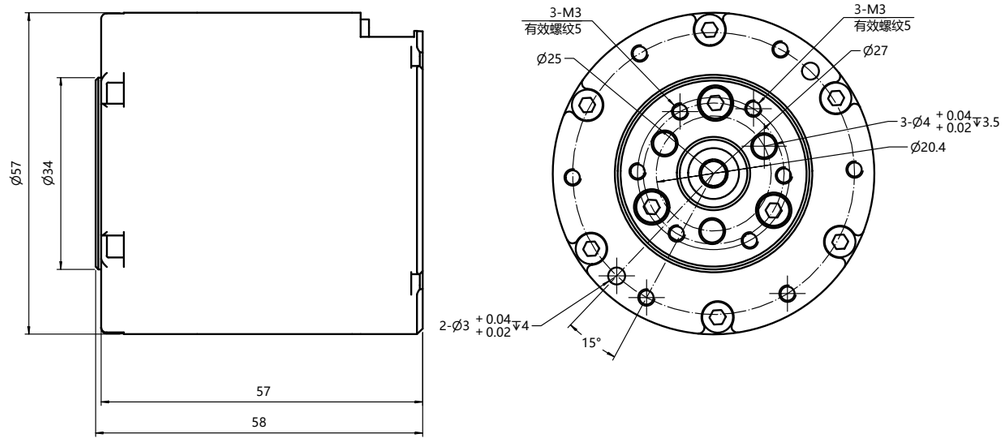
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	172.8
额定扭矩(Rated torque)	N.M	13.79
堵转扭矩(Peak torque)	N.M	44.96
减速后额定转速 (Rated speed after reduce)	rpm	78.3
减速后最大转速 (Max speed after reduce)	rpm	91.7
额定电流(Rated current)	A	7.2
堵转电流(Peak current)	A	18.44
线电阻(Line resistance)	Ω	0.60
线电感(Line inductance)	mH	0.17
转速常数(Speed constant)	rpm/v	3.82
扭矩常数(Torque constant)	N.M/A	2.3
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	40:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	336.7
电机重量带驱动 (Motor weight with driver)	g	364.5
电机尺寸不带驱动 (Size without driver)	mm	Ø57*46
电机尺寸带驱动 (Size with driver)	mm	Ø57*56
轴向最大负载(Max.Axial load)	N	125
径向最大负载(Max.Radial load)	N	500
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

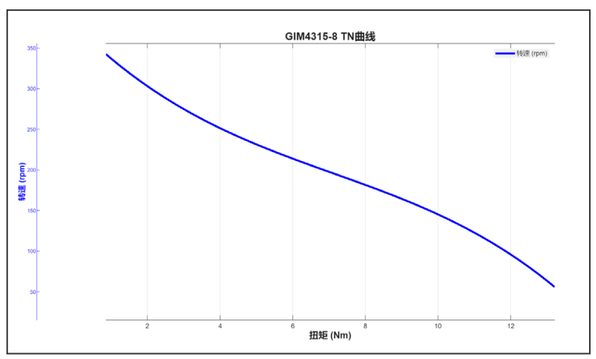
GIM4315-8



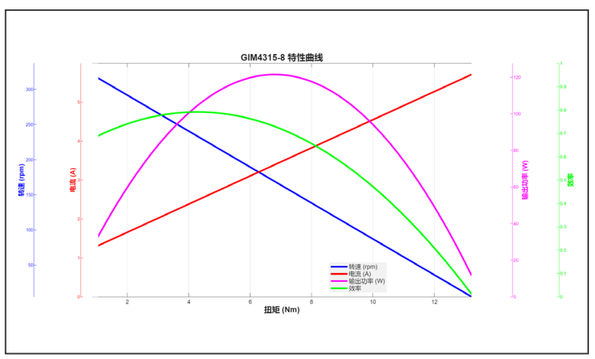
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

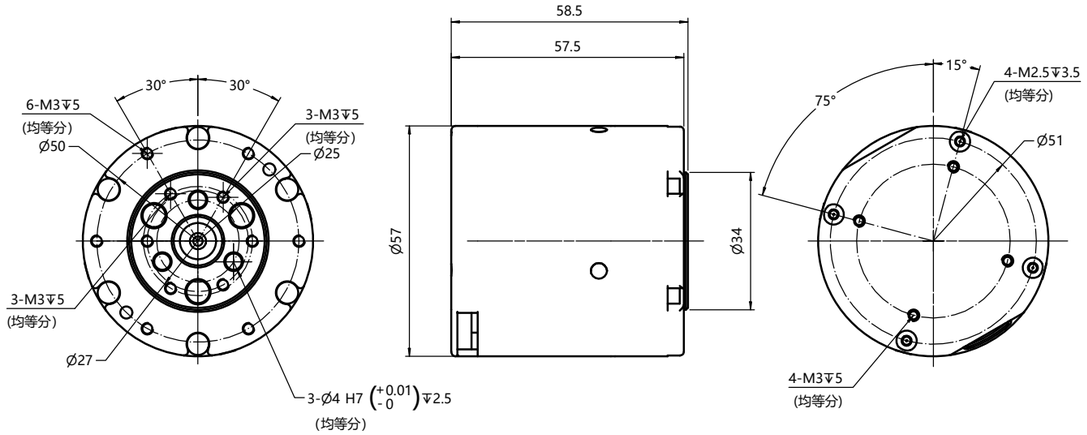
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	129.6
额定扭矩(Rated torque)	N.M	3.08
堵转扭矩(Peak torque)	N.M	13.21
减速后额定转速 (Rated speed after reduce)	rpm	267.5
减速后最大转速 (Max speed after reduce)	rpm	338.9
额定电流(Rated current)	A	2.7
堵转电流(Peak current)	A	5.68
线电阻(Line resistance)	Ω	1.50
线电感(Line inductance)	mH	0.43
转速常数(Speed constant)	rpm/v	7.06
扭矩常数(Torque constant)	N.M/A	0.85
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	8:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	343.3
电机重量带驱动 (Motor weight with driver)	g	371.5
电机尺寸不带驱动 (Size without driver)	mm	Ø57*47
电机尺寸带驱动 (Size with driver)	mm	Ø57*58
轴向最大负载(Max.Axial load)	N	125
径向最大负载(Max.Radial load)	N	500
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

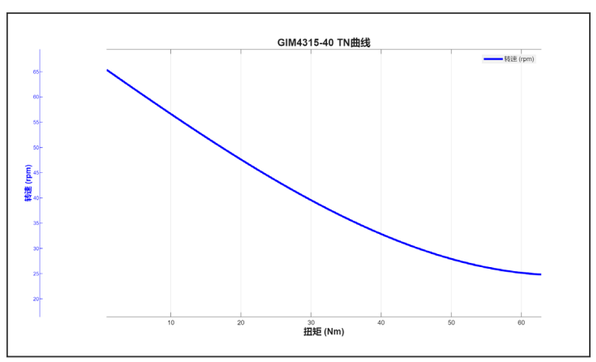
GIM4315-40



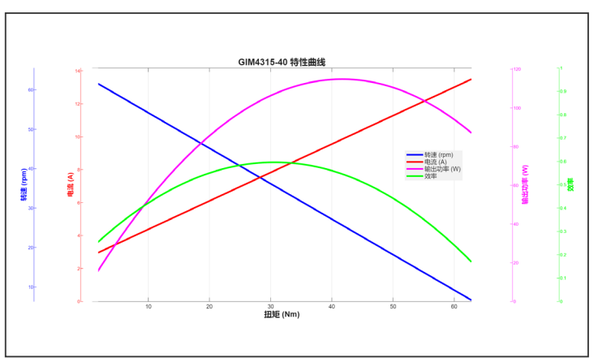
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

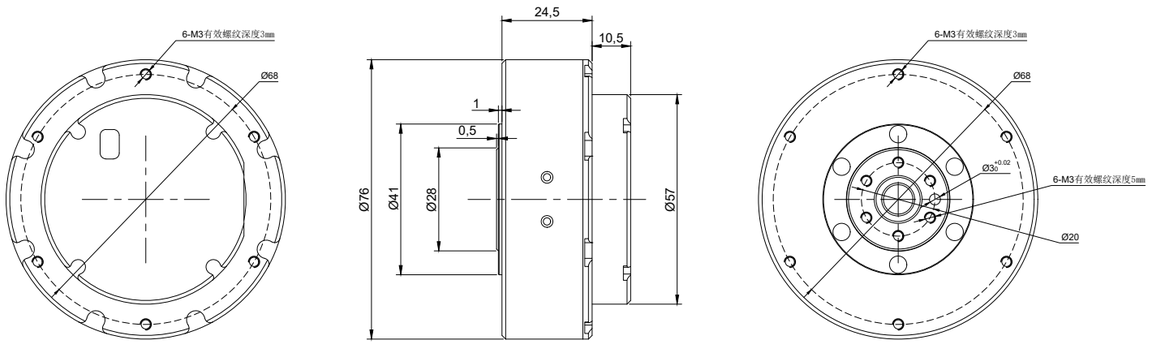
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	122.4
额定扭矩(Rated torque)	N.M	16.55
堵转扭矩(Peak torque)	N.M	62.82
减速后额定转速 (Rated speed after reduce)	rpm	46.9
减速后最大转速 (Max speed after reduce)	rpm	67.4
额定电流(Rated current)	A	5.1
堵转电流(Peak current)	A	12.84
线电阻(Line resistance)	Ω	0.78
线电感(Line inductance)	mH	0.23
转速常数(Speed constant)	rpm/v	2.81
扭矩常数(Torque constant)	N.M/A	3.5
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	40:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	376.6
电机重量带驱动 (Motor weight with driver)	g	404.8
电机尺寸不带驱动 (Size without driver)	mm	Ø57*52
电机尺寸带驱动 (Size with driver)	mm	Ø57*58.5
轴向最大负载(Max.Axial load)	N	125
径向最大负载(Max.Radial load)	N	500
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

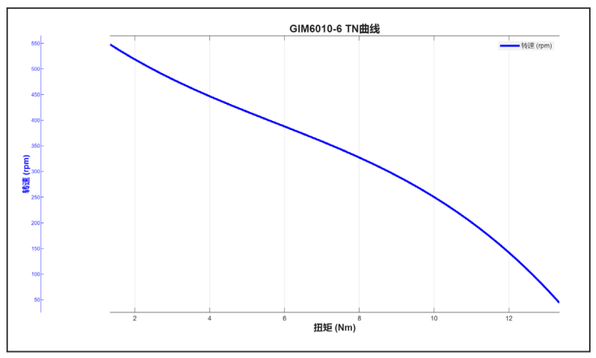
GIM6010-6



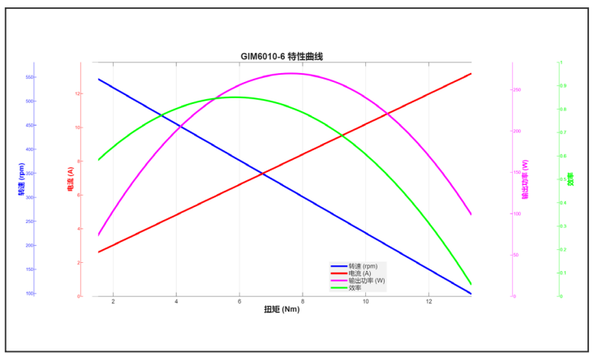
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

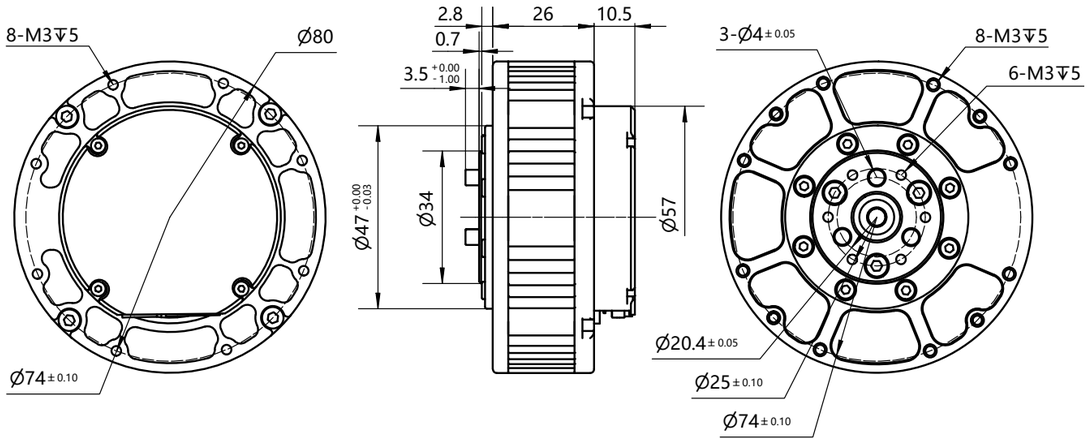
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	240
额定扭矩(Rated torque)	N.M	3.89
堵转扭矩(Peak torque)	N.M	13.35
减速后额定转速 (Rated speed after reduce)	rpm	428.7
减速后最大转速 (Max speed after reduce)	rpm	538.6
额定电流(Rated current)	A	5
堵转电流(Peak current)	A	16.27
线电阻(Line resistance)	Ω	0.58
线电感(Line inductance)	mH	0.39
转速常数(Speed constant)	rpm/v	11.22
扭矩常数(Torque constant)	N.M/A	0.6
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	6:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	289.0
电机重量带驱动 (Motor weight with driver)	g	318.0
电机尺寸不带驱动 (Size without driver)	mm	Ø76*24
电机尺寸带驱动 (Size with driver)	mm	Ø76*35
轴向最大负载(Max.Axial load)	N	200
径向最大负载(Max.Radial load)	N	800
通信协议(Communication)	/	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

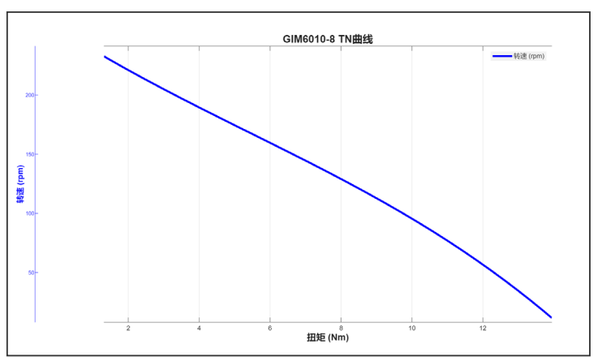
GIM6010-8



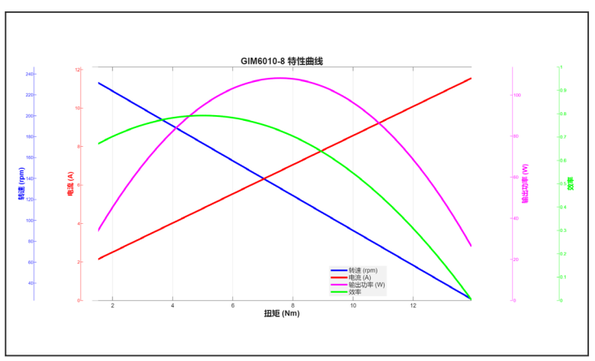
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

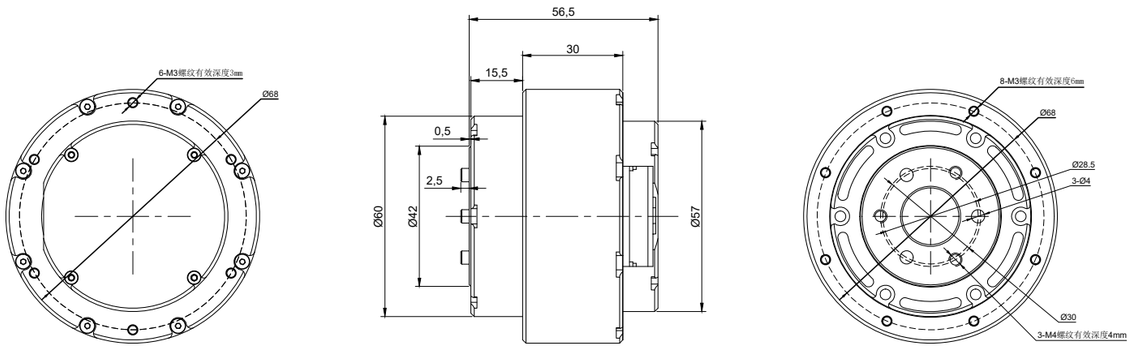
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~60	12~60
额定功率(Rated power)	W	129.6	172.8
额定扭矩(Rated torque)	N.M	4.77	6.92
堵转扭矩(Peak torque)	N.M	13.94	17.88
减速后额定转速 (Rated speed after reduce)	rpm	181.2	175.8
减速后最大转速 (Max speed after reduce)	rpm	230.2	284.9
额定电流(Rated current)	A	5.4	3.6
堵转电流(Peak current)	A	14.72	9.96
线电阻(Line resistance)	Ω	0.44	1.45
线电感(Line inductance)	mH	0.23	0.82
转速常数(Speed constant)	rpm/v	11.54	5.94
扭矩常数(Torque constant)	N.M/A	0.61	1.2
极对数(Number of pole pairs)	Pairs	14	14
减速比(Gear rate)	/	8:1	8:1
减速器类型(Gear type)	/	Planetary	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15	15
电机重量不带驱动 (Motor weight without driver)	g	370.0	370.0
电机重量带驱动 (Motor weight with driver)	g	388.0	388.0
电机尺寸不带驱动 (Size without driver)	mm	Ø80*29.5	Ø80*29.5
电机尺寸带驱动 (Size with driver)	mm	Ø80*40	Ø80*40
轴向最大负载(Max.Axial load)	N	200	200
径向最大负载(Max.Radial load)	N	800	800
通信协议(Communication)	/	CAN	CAN
是否支持单独编码器 (Can support separate encoder or not)	/	NO	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	16bit	16bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES	YES
噪音(Noise)	dB	< 60	< 60
防水防尘等级(Protection grade)	/	IP54	IP54
工作温度范围(Working temperature)	℃	‘-20~+80	‘-20~+80

电机型号 Motor Model

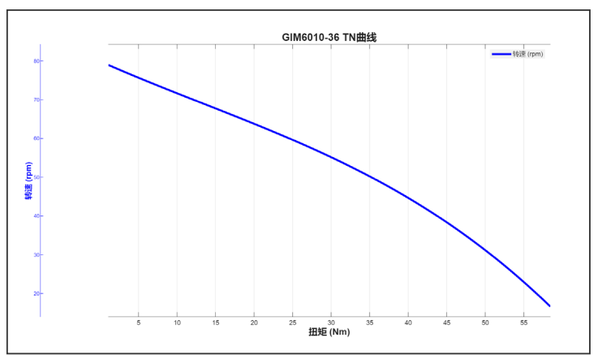
GIM6010-36



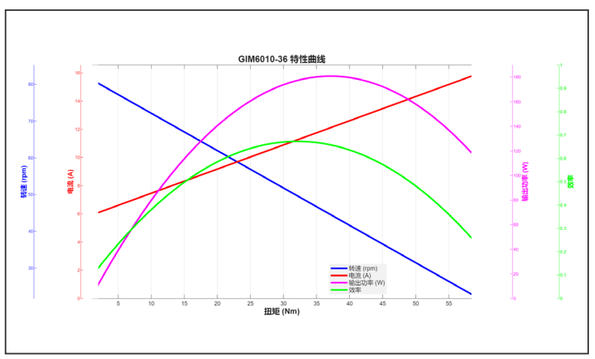
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

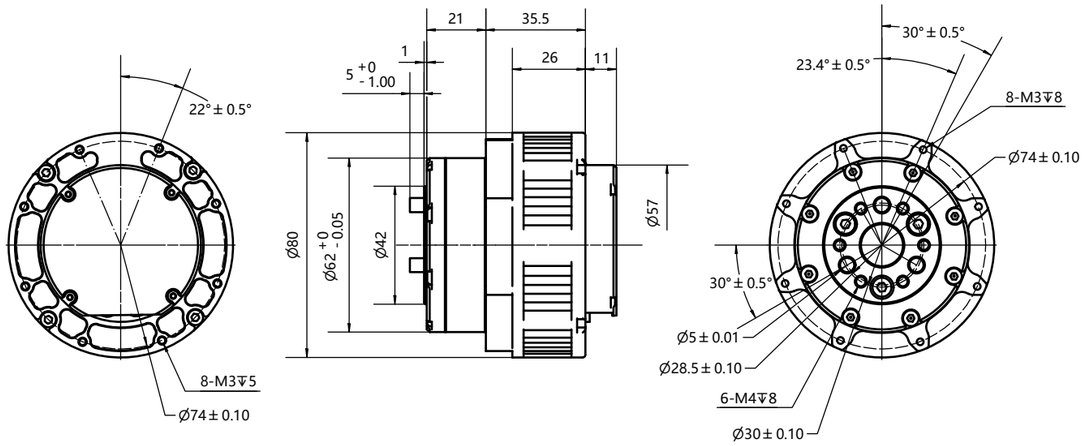
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~60	12~60
额定功率(Rated power)	W	201.6	187.2
额定扭矩(Rated torque)	N.M	19.06	14.06
堵转扭矩(Peak torque)	N.M	58.44	64.03
减速后额定转速 (Rated speed after reduce)	rpm	64.3	81.3
减速后最大转速 (Max speed after reduce)	rpm	80.9	108.6
额定电流(Rated current)	A	8.4	3.9
堵转电流(Peak current)	A	16.93	10.26
线电阻(Line resistance)	Ω	0.19	0.59
线电感(Line inductance)	mH	0.12	0.39
转速常数(Speed constant)	rpm/v	3.37	2.26
扭矩常数(Torque constant)	N.M/A	2.1	4
极对数(Number of pole pairs)	Pairs	14	14
减速比(Gear rate)	/	36:1	36:1
减速器类型(Gear type)	/	Planetary	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15	15
电机重量不带驱动 (Motor weight without driver)	g	546.0	546.0
电机重量带驱动 (Motor weight with driver)	g	574.0	574.0
电机尺寸不带驱动 (Size without driver)	mm	Ø76*45.50	Ø76*45.50
电机尺寸带驱动 (Size with driver)	mm	Ø76*56.50	Ø76*56.50
轴向最大负载(Max.Axial load)	N	250	250
径向最大负载(Max.Radial load)	N	1000	1000
通信协议(Communication)	/	CAN & 485	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES	YES
噪音(Noise)	dB	< 65	< 65
防水防尘等级(Protection grade)	/	IP54	IP54
工作温度范围(Working temperature)	℃	‘-20~+80	‘-20~+80

电机型号 Motor Model

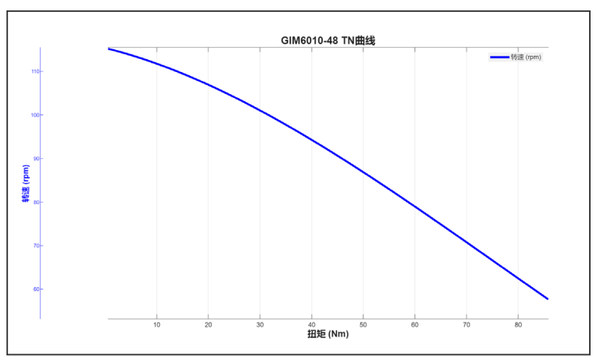
GIM6010-48



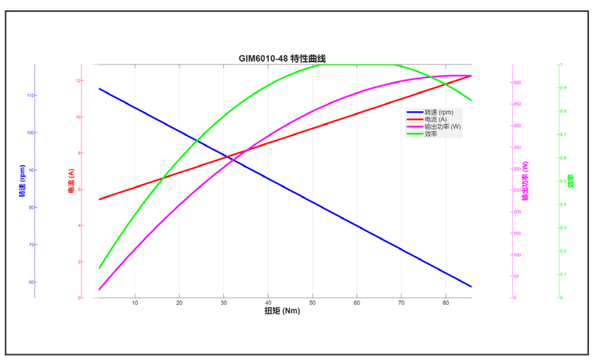
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	355.2
额定扭矩(Rated torque)	N.M	28.54
堵转扭矩(Peak torque)	N.M	85.84
减速后额定转速 (Rated speed after reduce)	rpm	96.3
减速后最大转速 (Max speed after reduce)	rpm	109.3
额定电流(Rated current)	A	7.4
堵转电流(Peak current)	A	12.74
线电阻(Line resistance)	Ω	0.44
线电感(Line inductance)	mH	0.22
转速常数(Speed constant)	rpm/v	2.28
扭矩常数(Torque constant)	N.M/A	4
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	48:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	758.9
电机重量带驱动 (Motor weight with driver)	g	776.9
电机尺寸不带驱动 (Size without driver)	mm	Ø80*56.5
电机尺寸带驱动 (Size with driver)	mm	Ø80*67.5
轴向最大负载(Max.Axial load)	N	225
径向最大负载(Max.Radial load)	N	900
通信协议(Communication)	/	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

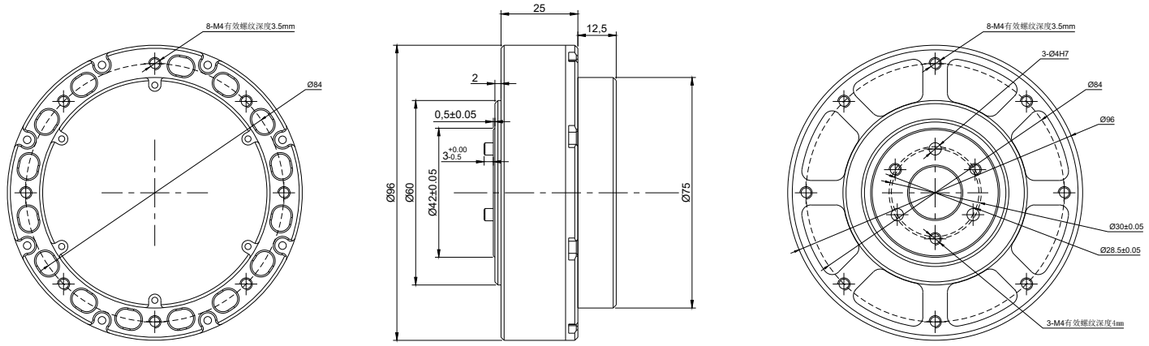
电机型号 Motor Model

GIM8108-6

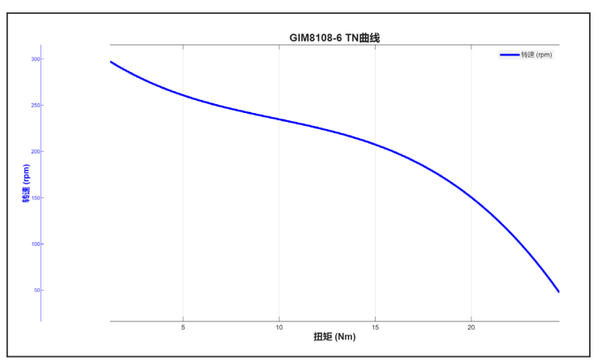


电机尺寸图/Dimension Drawing

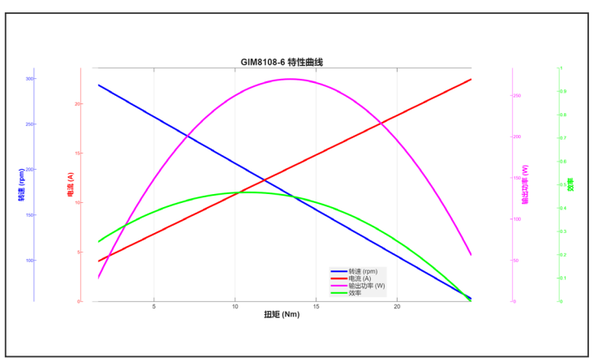
（8108-6）



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

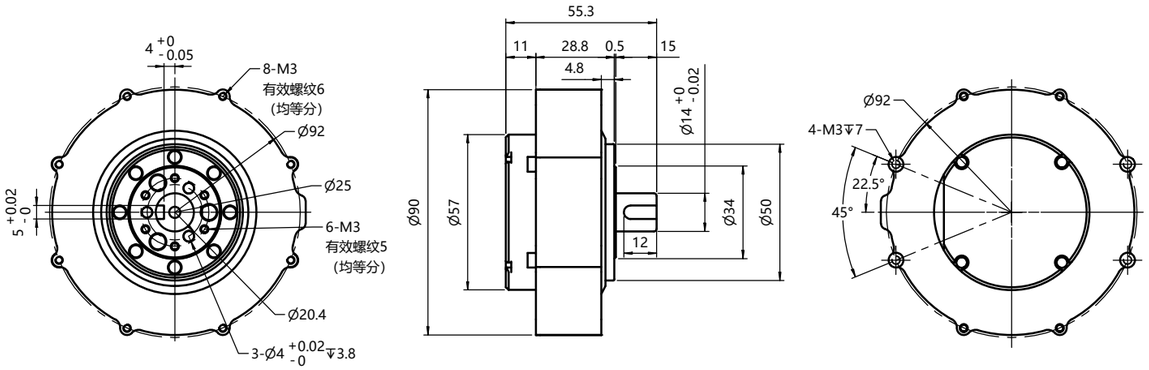
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	223.2
额定扭矩(Rated torque)	N.M	5.18
堵转扭矩(Peak torque)	N.M	26.32
减速后额定转速 (Rated speed after reduce)	rpm	336
减速后最大转速 (Max speed after reduce)	rpm	372
额定电流(Rated current)	A	4.65
堵转电流(Peak current)	A	47.37
线电阻(Line resistance)	Ω	0.77
线电感(Line inductance)	mH	0.36
转速常数(Speed constant)	rpm/v	7.75
扭矩常数(Torque constant)	N.M/A	0.98
极对数(Number of pole pairs)	Pairs	21
减速比(Gear rate)	/	6:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	525.0
电机重量带驱动 (Motor weight with driver)	g	567.0
电机尺寸不带驱动 (Size without driver)	mm	Ø96*34
电机尺寸带驱动 (Size with driver)	mm	Ø96*41.5
轴向最大负载(Max.Axial load)	N	225
径向最大负载(Max.Radial load)	N	900
通信协议(Communication)	/	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

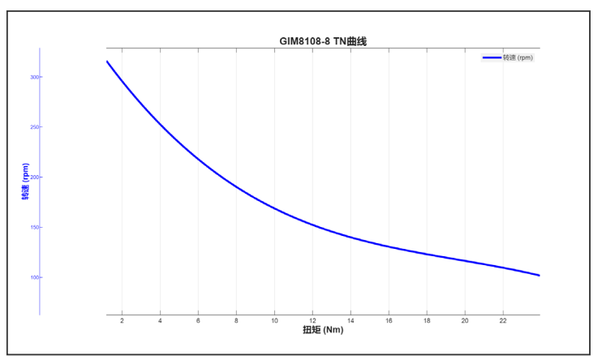
GIM8108-8



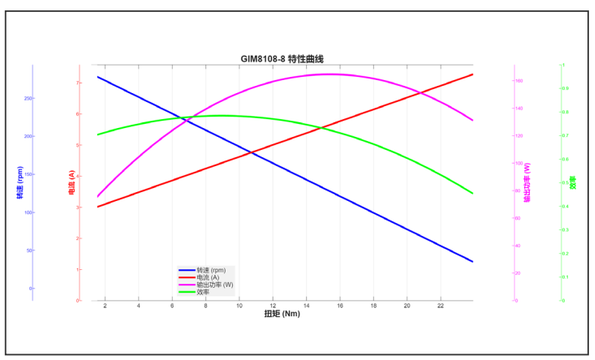
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	211.2
额定扭矩(Rated torque)	N.M	9.57
堵转扭矩(Peak torque)	N.M	23.93
减速后额定转速 (Rated speed after reduce)	rpm	156.8
减速后最大转速 (Max speed after reduce)	rpm	313.3
额定电流(Rated current)	A	4.4
堵转电流(Peak current)	A	5.784
线电阻(Line resistance)	Ω	0.72
线电感(Line inductance)	mH	0.37
转速常数(Speed constant)	rpm/v	6.53
扭矩常数(Torque constant)	N.M/A	1.3
极对数(Number of pole pairs)	Pairs	21
减速比(Gear rate)	/	8:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	378.0
电机重量带驱动 (Motor weight with driver)	g	396.0
电机尺寸不带驱动 (Size without driver)	mm	Ø92*44
电机尺寸带驱动 (Size with driver)	mm	Ø92*55
轴向最大负载(Max.Axial load)	N	225
径向最大负载(Max.Radial load)	N	900
通信协议(Communication)	/	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	16bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

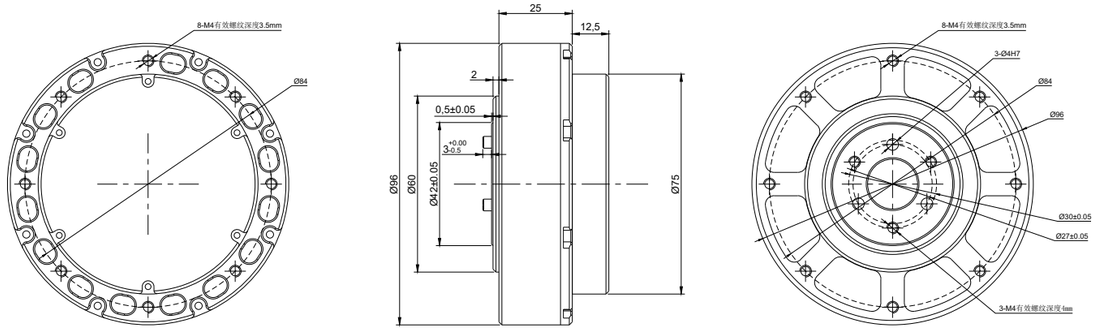
电机型号 Motor Model

GIM8108-9

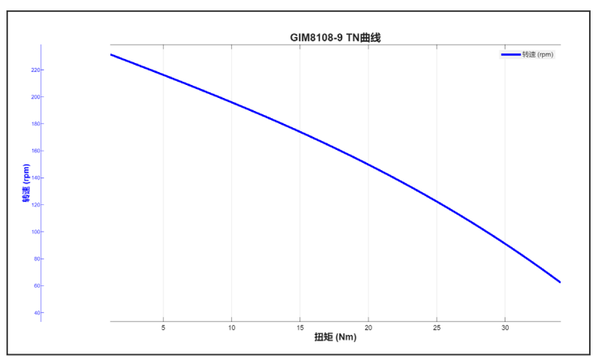


电机尺寸图/Dimension Drawing

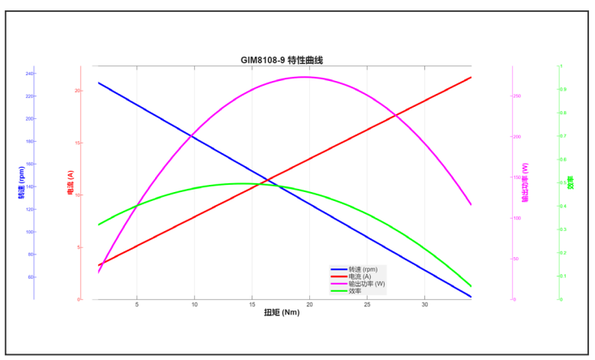
（8108-9）



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

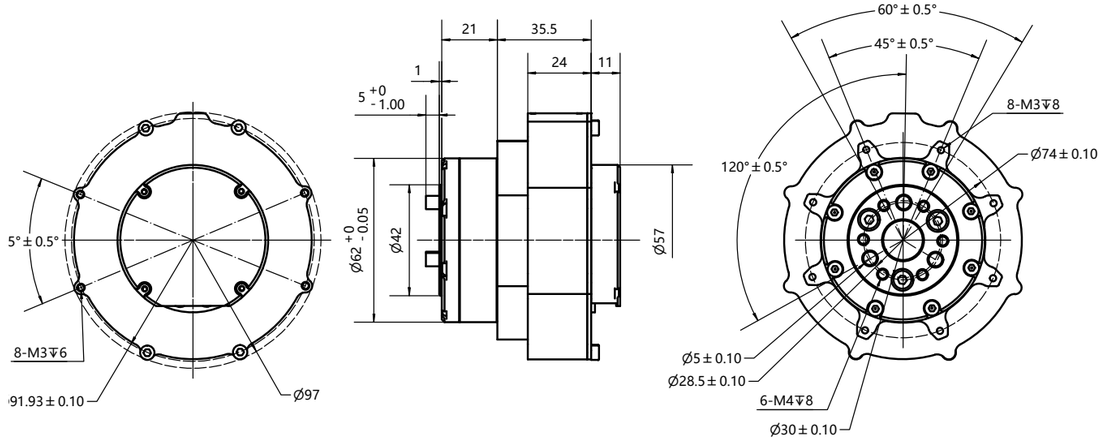
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~60	12~60
额定功率(Rated power)	W	271.2	316.8
额定扭矩(Rated torque)	N.M	10.14	10.76
堵转扭矩(Peak torque)	N.M	31.37	34.06
减速后额定转速 (Rated speed after reduce)	rpm	159.1	182.5
减速后最大转速 (Max speed after reduce)	rpm	206.6	227.5
额定电流(Rated current)	A	11.3	6.6
堵转电流(Peak current)	A	33.92	22.72
线电阻(Line resistance)	Ω	0.23	0.78
线电感(Line inductance)	mH	0.12	0.37
转速常数(Speed constant)	rpm/v	8.61	4.74
扭矩常数(Torque constant)	N.M/A	0.79	1.2
极对数(Number of pole pairs)	Pairs	21	21
减速比(Gear rate)	/	9:1	9:1
减速器类型(Gear type)	/	Planetary	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15	15
电机重量不带驱动 (Motor weight without driver)	g	525.0	525.0
电机重量带驱动 (Motor weight with driver)	g	567.0	567.0
电机尺寸不带驱动 (Size without driver)	mm	Ø96*34	Ø96*34
电机尺寸带驱动 (Size with driver)	mm	Ø96*41.5	Ø96*41.5
轴向最大负载(Max.Axial load)	N	225	225
径向最大负载(Max.Radial load)	N	900	900
通信协议(Communication)	/	CAN & 485	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES	YES
噪音(Noise)	dB	< 60	< 60
防水防尘等级(Protection grade)	/	IP54	IP54
工作温度范围(Working temperature)	℃	‘-20~+80	‘-20~+80

电机型号 Motor Model

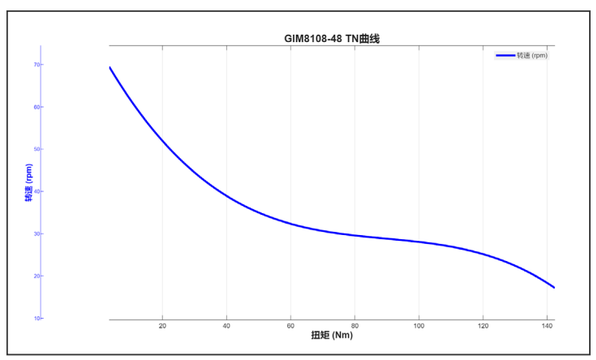
GIM8108-48



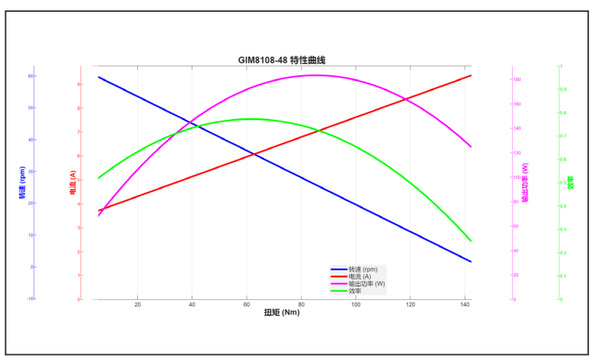
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~36
额定功率(Rated power)	W	254.4
额定扭矩(Rated torque)	N.M	53.6
堵转扭矩(Peak torque)	N.M	142.4
减速后额定转速 (Rated speed after reduce)	rpm	29.7
减速后最大转速 (Max speed after reduce)	rpm	72.2
额定电流(Rated current)	A	5.3
堵转电流(Peak current)	A	9.09
线电阻(Line resistance)	Ω	0.69
线电感(Line inductance)	mH	0.37
转速常数(Speed constant)	rpm/v	1.50
扭矩常数(Torque constant)	N.M/A	8
极对数(Number of pole pairs)	Pairs	21
减速比(Gear rate)	/	48:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	762.4
电机重量带驱动 (Motor weight with driver)	g	780.4
电机尺寸不带驱动 (Size without driver)	mm	Ø92*62
电机尺寸带驱动 (Size with driver)	mm	Ø92*73
轴向最大负载(Max.Axial load)	N	225
径向最大负载(Max.Radial load)	N	900
通信协议(Communication)	/	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

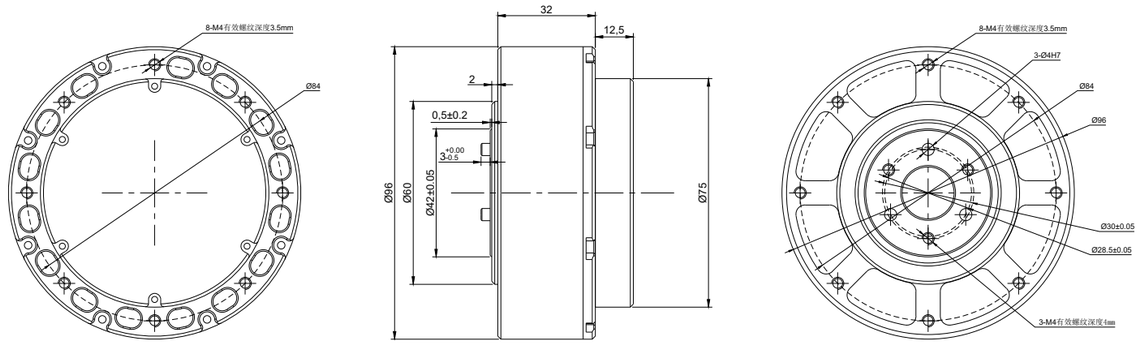
电机型号 Motor Model

GIM8115-6

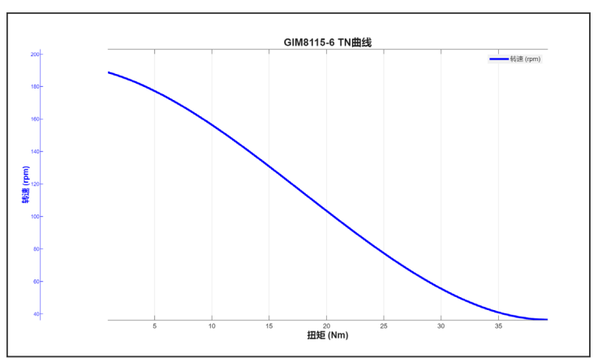


电机尺寸图/Dimension Drawing

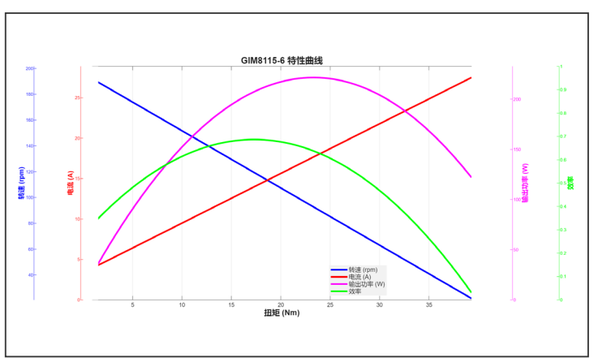
（8115-6）



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

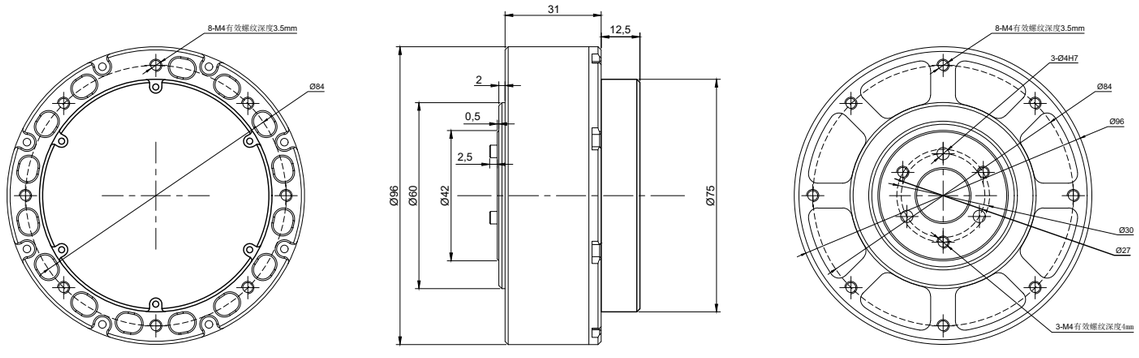
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12~60
额定功率(Rated power)	W	235.2
额定扭矩(Rated torque)	N.M	11.1
堵转扭矩(Peak torque)	N.M	39.3
减速后额定转速 (Rated speed after reduce)	rpm	155.7
减速后最大转速 (Max speed after reduce)	rpm	196.4
额定电流(Rated current)	A	9.8
堵转电流(Peak current)	A	31.4
线电阻(Line resistance)	Ω	0.35
线电感(Line inductance)	mH	0.19
转速常数(Speed constant)	rpm/v	8.18
扭矩常数(Torque constant)	N.M/A	0.98
极对数(Number of pole pairs)	Pairs	21
减速比(Gear rate)	/	6:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	660.0
电机重量带驱动 (Motor weight with driver)	g	705.0
电机尺寸不带驱动 (Size without driver)	mm	Ø96*41
电机尺寸带驱动 (Size with driver)	mm	Ø96*48.5
轴向最大负载(Max.Axial load)	N	225
径向最大负载(Max.Radial load)	N	900
通信协议(Communication)	/	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

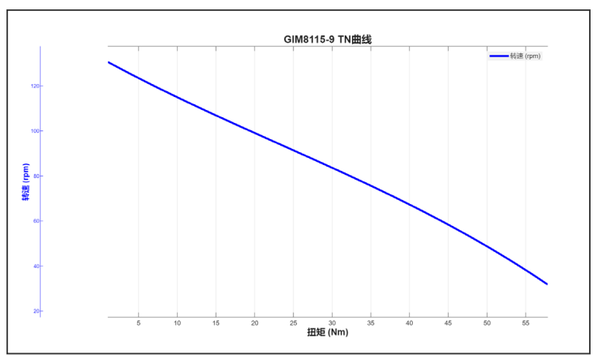
GIM8115-9



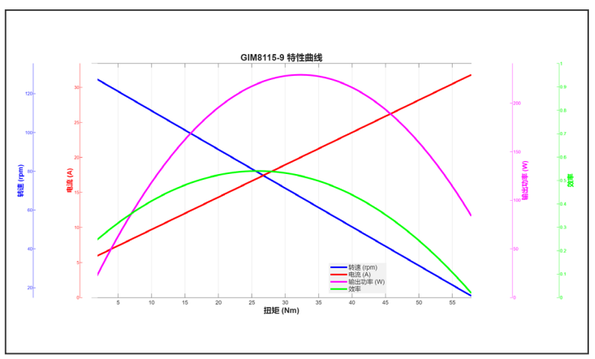
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

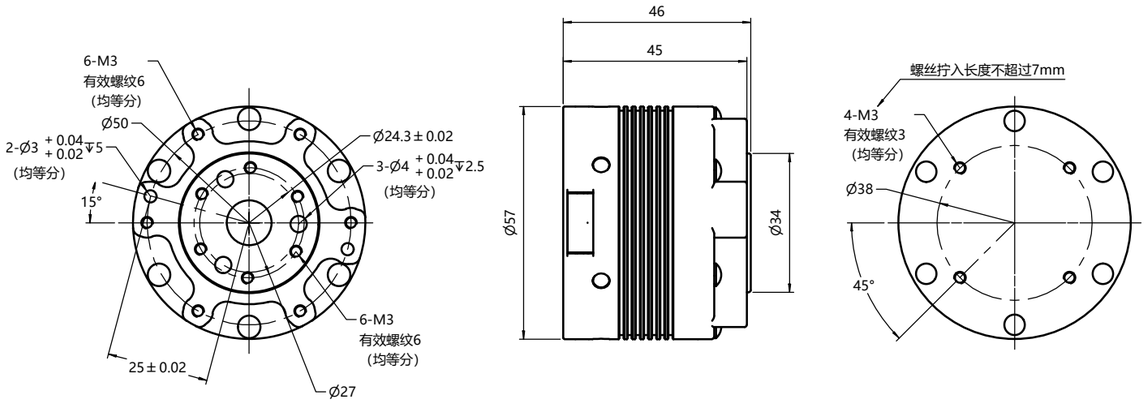
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~60	12~60
额定功率(Rated power)	W	249.6	302.4
额定扭矩(Rated torque)	N.M	16.71	18.82
堵转扭矩(Peak torque)	N.M	57.84	61.42
减速后额定转速 (Rated speed after reduce)	rpm	97.6	124.3
减速后最大转速 (Max speed after reduce)	rpm	131.5	171.7
额定电流(Rated current)	A	10.4	6.3
堵转电流(Peak current)	A	33.38	23.57
线电阻(Line resistance)	Ω	0.30	0.88
线电感(Line inductance)	mH	0.15	0.47
转速常数(Speed constant)	rpm/v	5.48	3.58
扭矩常数(Torque constant)	N.M/A	1.33	2.4
极对数(Number of pole pairs)	Pairs	21	21
减速比(Gear rate)	/	9:1	9:1
减速器类型(Gear type)	/	Planetary	Planetary
减速器齿轮材料 (Reducer gear material)	/	STEEL	STEEL
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15	15
电机重量不带驱动 (Motor weight without driver)	g	660.0	660.0
电机重量带驱动 (Motor weight with driver)	g	705.0	705.0
电机尺寸不带驱动 (Size without driver)	mm	Ø96*41	Ø96*41
电机尺寸带驱动 (Size with driver)	mm	Ø96*48.5	Ø96*48.5
轴向最大负载(Max.Axial load)	N	225	225
径向最大负载(Max.Radial load)	N	900	900
通信协议(Communication)	/	CAN & 485	CAN & 485
是否支持单独编码器 (Can support separate encoder or not)	/	NO	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	14bit	14bit
是否支持第二编码器(Second encoder on the output shaft)	/	NO	Optional
是否支持定制抱闸(Can support custom brakes)	/	YES	YES
噪音(Noise)	dB	< 60	< 60
防水防尘等级(Protection grade)	/	IP54	IP54
工作温度范围(Working temperature)	℃	‘-20~+80	‘-20~+80

电机型号 Motor Model

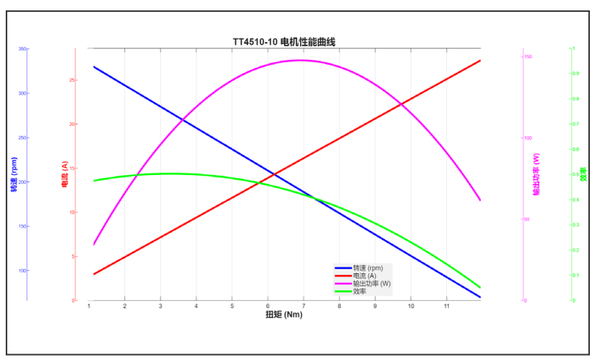
TT4510-10



电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



特性曲线/Characteristic Curves

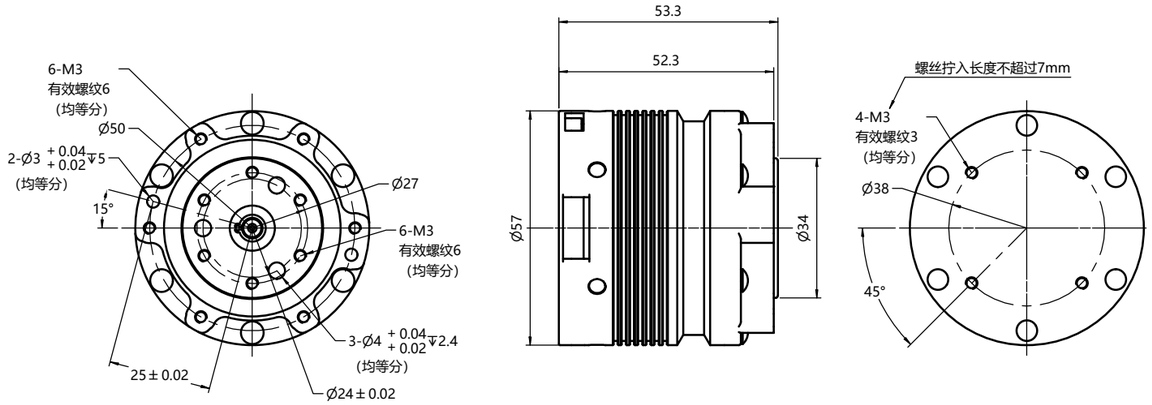
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12-60
额定功率(Rated power)	W	112.8
额定扭矩(Rated torque)	N.M	2.9
堵转扭矩(Peak torque)	N.M	11.95
减速后额定转速 (Rated speed after reduce)	rpm	280
减速后最大转速 (Max speed after reduce)	rpm	307.8
额定电流(Rated current)	A	4.7
堵转电流(Peak current)	A	30.05
线电阻(Line resistance)	Ω	0.55
线电感(Line inductance)	mH	0.29
转速常数(Speed constant)	rpm/v	12.83
扭矩常数(Torque constant)	N.M/A	0.24
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	10:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	/
电机重量带驱动 (Motor weight with driver)	g	309.4
电机尺寸不带驱动 (Size without driver)	mm	Ø57*43
电机尺寸带驱动 (Size with driver)	mm	Ø57*46
轴向最大负载(Max.Axial load)	N	240
径向最大负载(Max.Radial load)	N	910
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	16bit
是否支持第二编码器(Second encoder on the output shaft)	/	YES
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

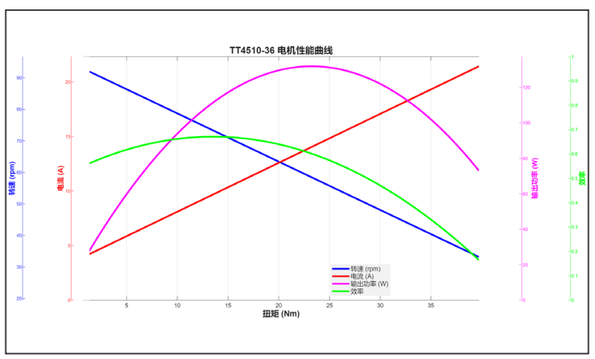
TT4510-36



电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



特性曲线/Characteristic Curves

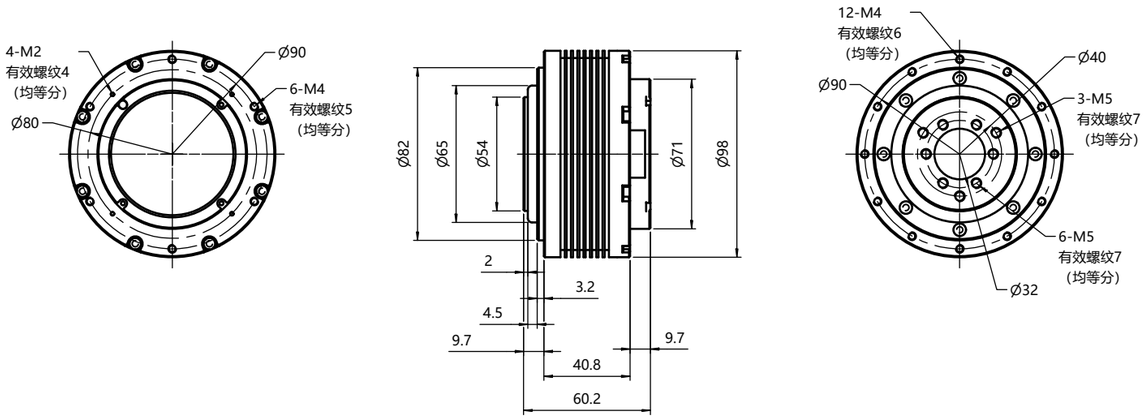
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12-60
额定功率(Rated power)	W	115.2
额定扭矩(Rated torque)	N.M	9.9
堵转扭矩(Peak torque)	N.M	39.73
减速后额定转速 (Rated speed after reduce)	rpm	74
减速后最大转速 (Max speed after reduce)	rpm	89.2
额定电流(Rated current)	A	4.8
堵转电流(Peak current)	A	23.62
线电阻(Line resistance)	Ω	0.55
线电感(Line inductance)	mH	0.29
转速常数(Speed constant)	rpm/v	3.72
扭矩常数(Torque constant)	N.M/A	0.864
极对数(Number of pole pairs)	Pairs	14
减速比(Gear rate)	/	36:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	/
电机重量带驱动 (Motor weight with driver)	g	392.4
电机尺寸不带驱动 (Size without driver)	mm	Ø57*50.3
电机尺寸带驱动 (Size with driver)	mm	Ø57*53.3
轴向最大负载(Max.Axial load)	N	9200
径向最大负载(Max.Radial load)	N	1800
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	16bit
是否支持第二编码器(Second encoder on the output shaft)	/	YES
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80

电机型号 Motor Model

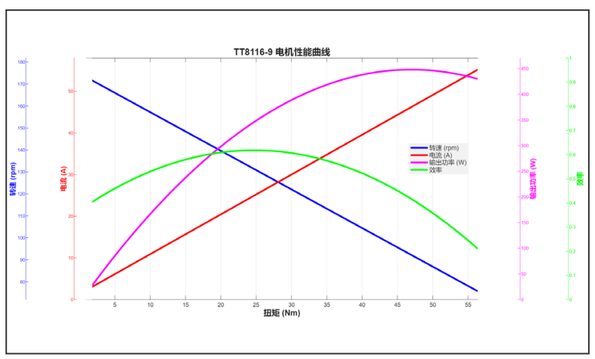
TT8116-9



电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



特性曲线/Characteristic Curves

电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12-60
额定功率(Rated power)	W	180
额定扭矩(Rated torque)	N.M	13
堵转扭矩(Peak torque)	N.M	60.07
减速后额定转速 (Rated speed after reduce)	rpm	100
减速后最大转速 (Max speed after reduce)	rpm	172.9
额定电流(Rated current)	A	7.5
堵转电流(Peak current)	A	57.75
线电阻(Line resistance)	Ω	0.12
线电感(Line inductance)	mH	0.15
转速常数(Speed constant)	rpm/v	7.20
扭矩常数(Torque constant)	N.M/A	0.45
极对数(Number of pole pairs)	Pairs	21
减速比(Gear rate)	/	9:1
减速器类型(Gear type)	/	Planetary
减速器齿轮材料 (Reducer gear material)	/	ALU
减速器齿轮背隙 (Reducer gear backlash)	arcmin	15
电机重量不带驱动 (Motor weight without driver)	g	/
电机重量带驱动 (Motor weight with driver)	g	309.4
电机尺寸不带驱动 (Size without driver)	mm	Ø82*50.5
电机尺寸带驱动 (Size with driver)	mm	Ø82*60.2
轴向最大负载(Max.Axial load)	N	15200
径向最大负载(Max.Radial load)	N	3000
通信协议(Communication)	/	CAN&485
是否支持单独编码器 (Can support separate encoder or not)	/	NO
板载编码器精度 (Resolution of the encoder on the driver)	bit	16bit
是否支持第二编码器(Second encoder on the output shaft)	/	YES
是否支持定制抱闸(Can support custom brakes)	/	YES
噪音(Noise)	dB	< 60
防水防尘等级(Protection grade)	/	IP54
工作温度范围(Working temperature)	℃	‘-20~+80