PRODUCT MANUAL
产品手册



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选型表/Selection table

参数(Parments)	GIM3505-8	GIM3505-9		GIM3505-36		GIM3510-8
额定电压(Rated voltage) /V	24	24	48	24	48	24
额定电流(Rated current) /A	1.5	1.3	0.3	1.3	1	4.1
额定扭矩(Rated torque)/N.M	0.78	0.72	0.26	2.92	3.32	1.38
峰值扭矩(Max toque)/N.M	1.95	1.79	2.15	6.98	10.28	6.08
额定转速(Rated speed)/RPM	245.1	246.4	180	62.7	89	512.5
峰值转速(Max speed)/RPM	421.3	368.7	516.4	93.8	117.9	586.5
重量(Weight)/g	97.0	131.7	131.7	177.0	177.0	259.6

参数(Parments)	GIM3510-64	GIM4305-10	GIM4310-10	GIM4310-36	GIM4310-40	
额定电压(Rated voltage) /V	24	48	48	48	24	48
额定电流(Rated current) /A	3.8	2	2.1	2	5.6	3.1
额定扭矩(Rated torque)/N.M	9.21	1.01	1.91	5.91	13.8	14.7
峰值扭矩(Max toque)/N.M	46.86	5.61	9.23	24.09	46.1	41.83
额定转速(Rated speed)/RPM	65.1	736.1	420.5	113.5	65.7	79
峰值转速(Max speed)/RPM	72.5	778.9	482.6	124.1	81.9	93.9
重量(Weight)/g	507.2	150.0	227.0	310.0	364.5	364.5

参数(Parments)	GIM4315-8	GIM4315-40		GIM6010-6	GIM6010-8	
额定电压(Rated voltage) /V	48	24	48	48	24	48
额定电流(Rated current) /A	2.9	4.8	3.9	5.6	6.6	4.8
额定扭矩(Rated torque)/N.M	2.96	16.52	27.35	3.85	4.85	7.04
峰值扭矩(Max toque)/N.M	13.06	63.48	67.44	10.34	12.39	17.75
额定转速(Rated speed)/RPM	370.5	45.8	47.2	542.8	245	239.5
峰值转速(Max speed)/RPM	399	55.6	64.9	596.6	291.2	298.4
重量(Weight)/g	371.5	404.8	404.8	318.0	388.0	388.0

参数(Parments)	GIM6010-36		GIM6010-48	GIM8108-6		GIM8108-8
额定电压(Rated voltage) /V	24	48	48	24	48	48
额定电流(Rated current) /A	8.8	4.7	6.2	10.2	6.5	6.3
额定扭矩(Rated torque)/N.M	18.94	13.9	28.11	6.73	7.53	9.54
峰值扭矩(Max toque)/N.M	47.92	59.58	74.8	15.53	26.32	23.09
额定转速(Rated speed)/RPM	84.7	97.8	85.9	267	322.8	242.8
峰值转速(Max speed)/RPM	92.9	104.4	94.7	323	372.2	290
重量(Weight)/g	574.0	574.0	776.9	567.0	567.0	396.0

参数(Parments)	GIM8108-9		GIM8108-36		GIM8108-48	GIM8115-6
额定电压(Rated voltage) /V	24	48	24	48	48	24
额定电流(Rated current) /A	10.5	6.4	11.3	6.4	5.8	9.7
额定扭矩(Rated torque)/N.M	10.23	10.79	40.3	45	53	11.2
峰值扭矩(Max toque)/N.M	34.67	35.69	106.4	130.2	131.1	36.94
额定转速(Rated speed)/RPM	179	212.2	45.5	51	40.2	149.8
峰值转速(Max speed)/RPM	223	257.2	55.8	67.1	50.5	199.2
重量(Weight)/g	567.0	567.0	760.0	760.0	780.4	705.0

参数(Parments)	GIM8115-6	GIM8115-9		GIM8115-36		GIM10015-9
额定电压(Rated voltage) /V	24	24	48	24	48	48
额定电流(Rated current) /A	8.93	10.4	6.5	10.2	5.8	5.5
额定扭矩(Rated torque)/N.M	8.02	16.8	18.82	58.3	46.2	20.5
峰值扭矩(Max toque)/N.M	34.67	55.98	54.55	190.2	214.3	112
额定转速(Rated speed)/RPM	190	110.3	126.8	26.6	31.6	101.9
峰值转速(Max speed)/RPM	223	140	159.5	35.3	38.5	114.3
重量(Weight)/g	567.0	705.0	705.0	960.0	960.0	1372.0

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

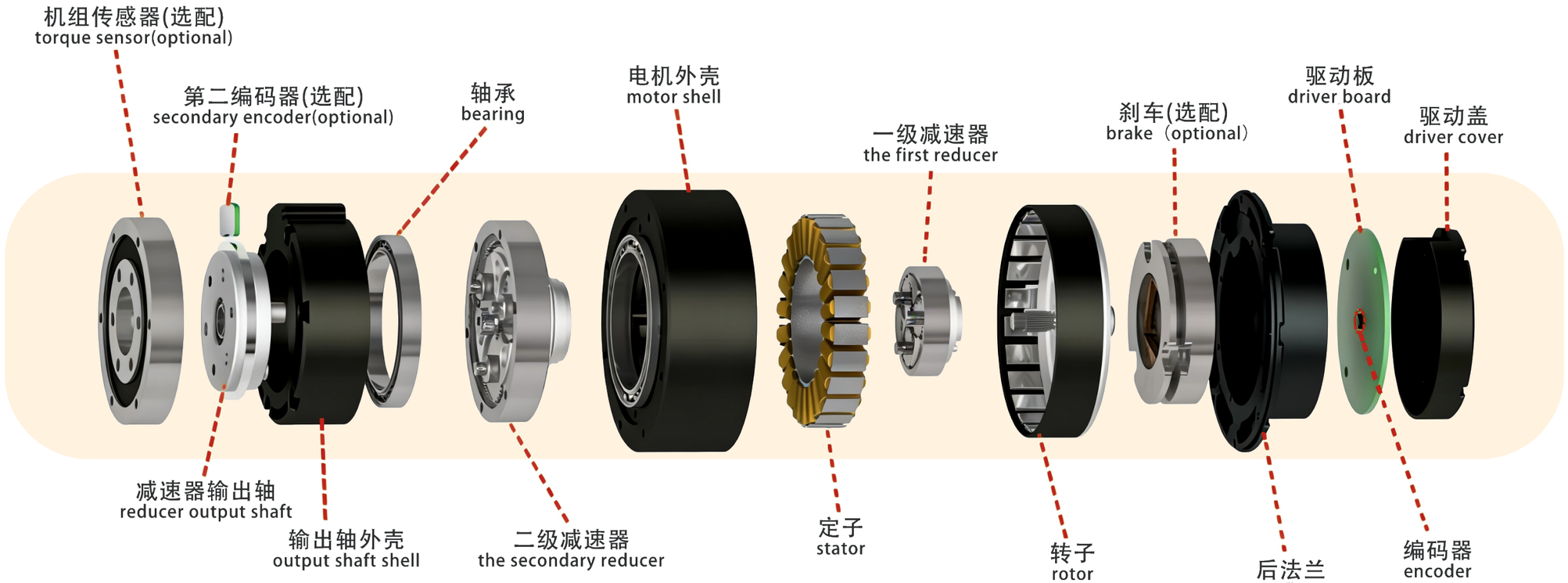


无人机绞盘/UAV Winch

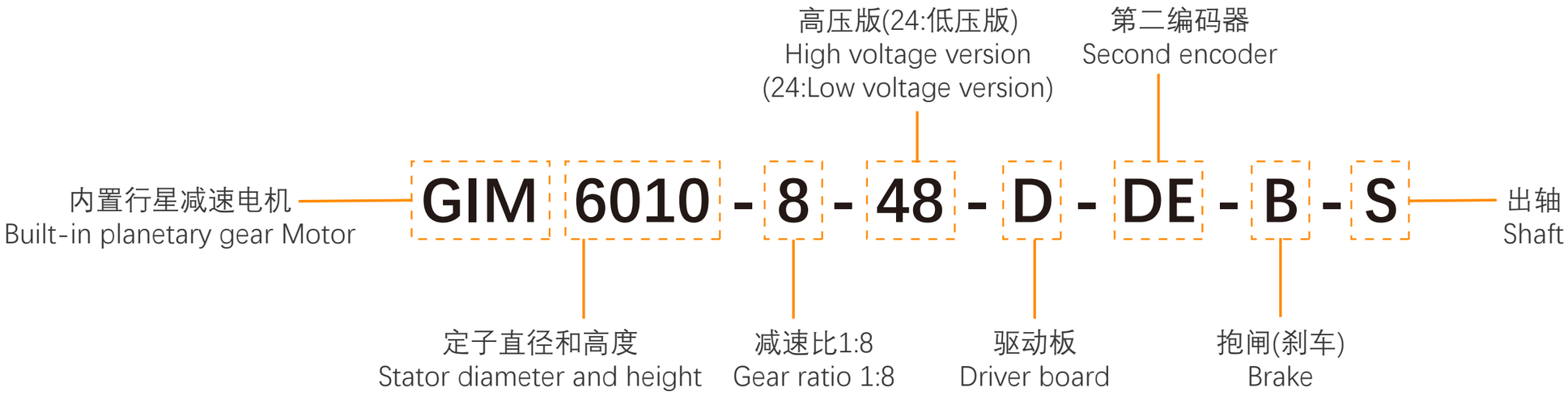


机械狗/Quadruped Robot

电机结构图/Motor structure diagram



命名规则/Naming rule

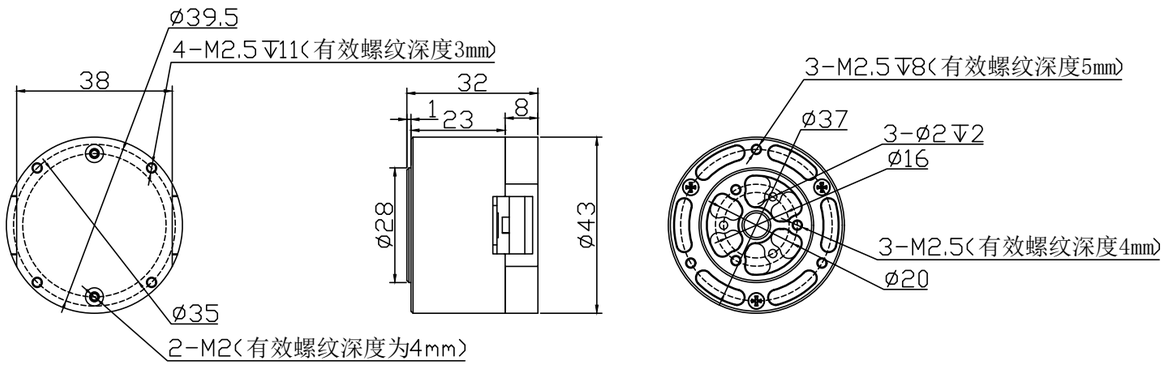


电机型号 Motor Model

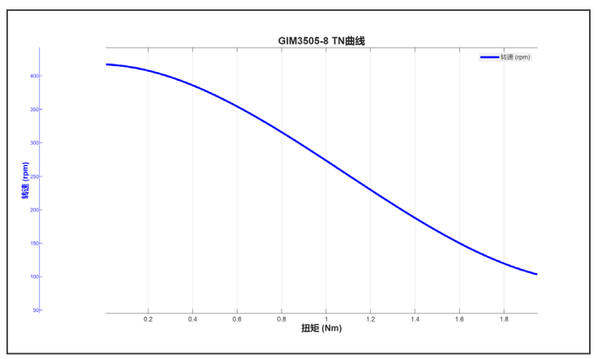
GIM3505-8



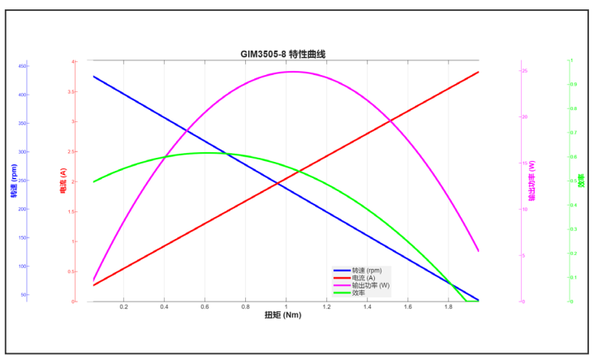
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

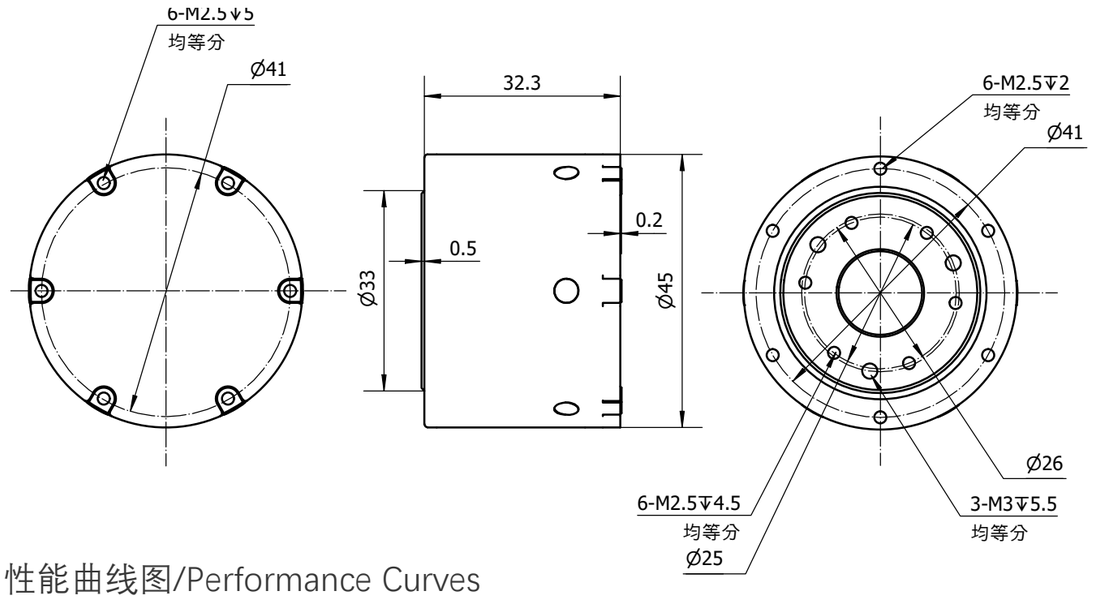
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12~40
额定功率(Rated power)	W	36
额定扭矩(Rated torque)	N.M	0.78
堵转扭矩(Peak torque)	N.M	1.95
减速后额定转速 (Rated speed after reduce)	rpm	245.1
减速后最大转速 (Max speed after reduce)	rpm	421.3
额定电流(Rated current)	A	1.5
堵转电流(Peak current)	A	4.04
线电阻(Line resistance)	Ω	5.47
线电感(Line inductance)	uH	476.64
转速常数(Speed constant)	rpm/v	17.55
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

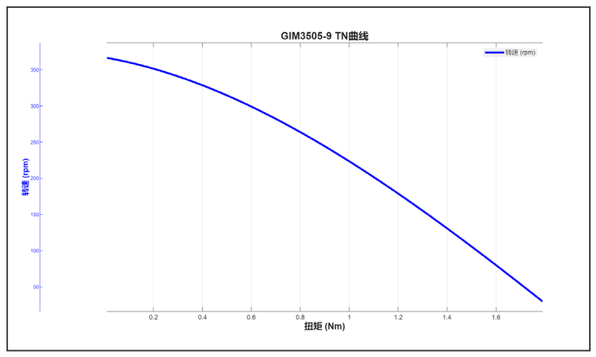
GIM3505-9



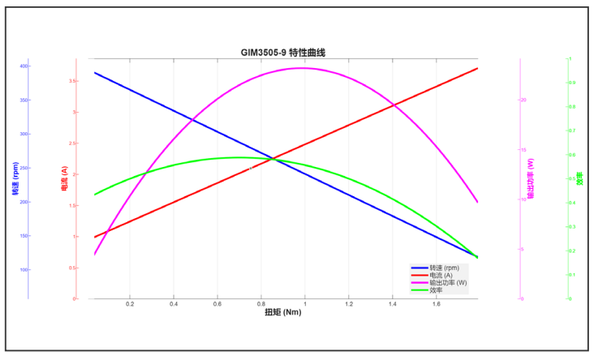
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

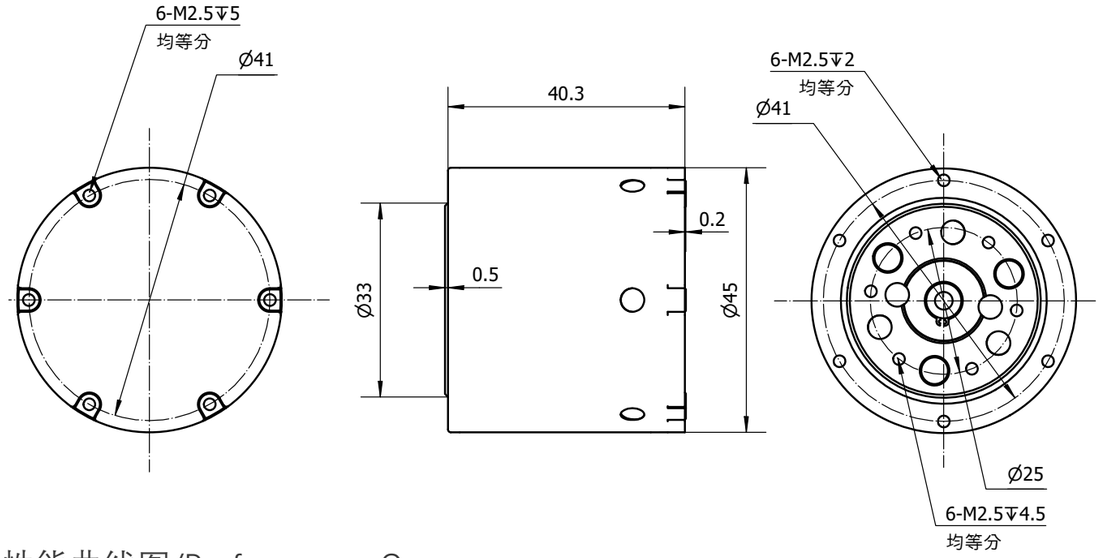
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	31.2	14.4
额定扭矩(Rated torque)	N.M	0.72	0.26
堵转扭矩(Peak torque)	N.M	1.79	2.15
减速后额定转速 (Rated speed after reduce)	rpm	246.4	180
减速后最大转速 (Max speed after reduce)	rpm	368.7	516.4
额定电流(Rated current)	A	1.3	0.3
堵转电流(Peak current)	A	3.62	4.12
线电阻(Line resistance)	Ω	5.14	10.48
线电感(Line inductance)	uH	230.10	1419.20
转速常数(Speed constant)	rpm/v	15.36	10.76
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

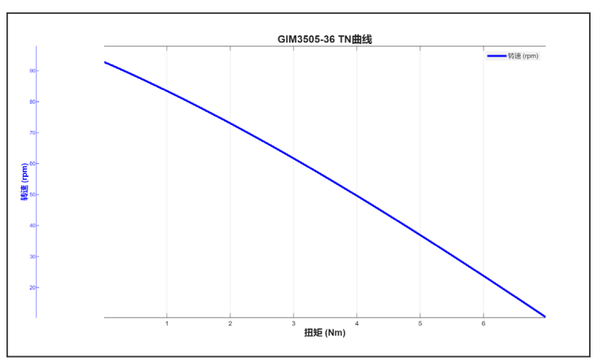
GIM3505-36



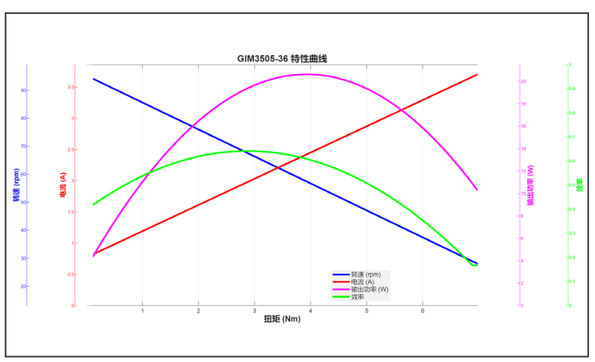
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

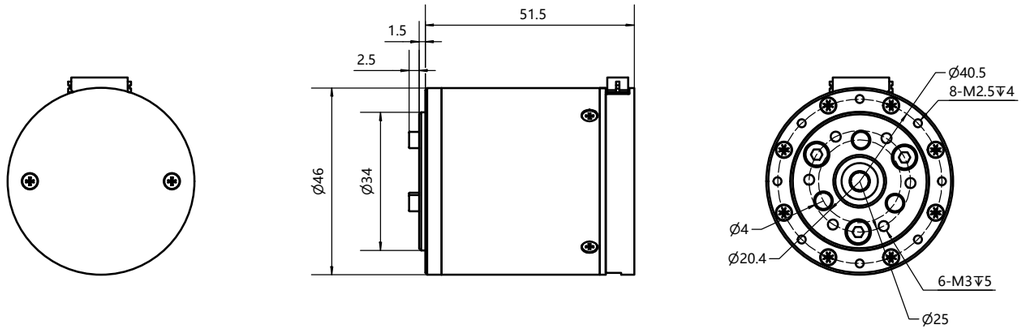
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	31.2	48
额定扭矩(Rated torque)	N.M	2.92	3.32
堵转扭矩(Peak torque)	N.M	6.98	10.28
减速后额定转速 (Rated speed after reduce)	rpm	62.7	89
减速后最大转速 (Max speed after reduce)	rpm	93.8	117.9
额定电流(Rated current)	A	1.3	1
堵转电流(Peak current)	A	3.88	3.4
线电阻(Line resistance)	Ω	5.13	9.44
线电感(Line inductance)	uH	539.20	2180.00
转速常数(Speed constant)	rpm/v	3.91	2.46
扭矩常数(Torque constant)	N.M/A	1.9	3
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

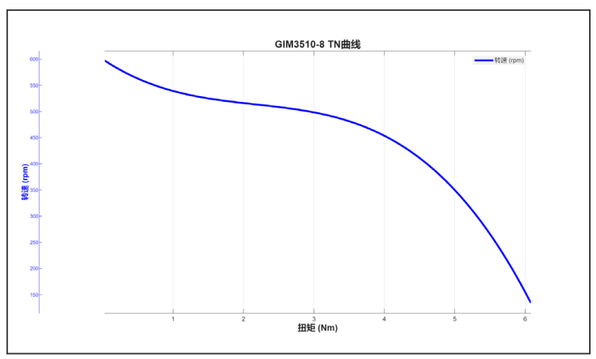
GIM3510-8



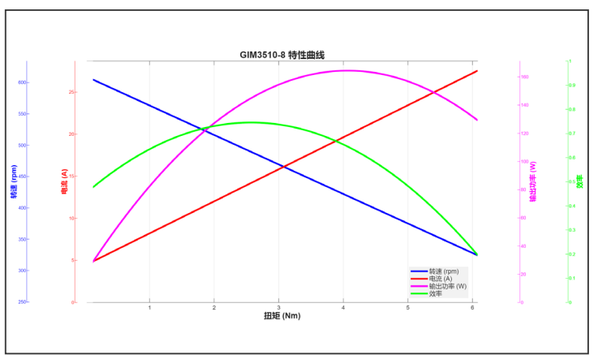
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

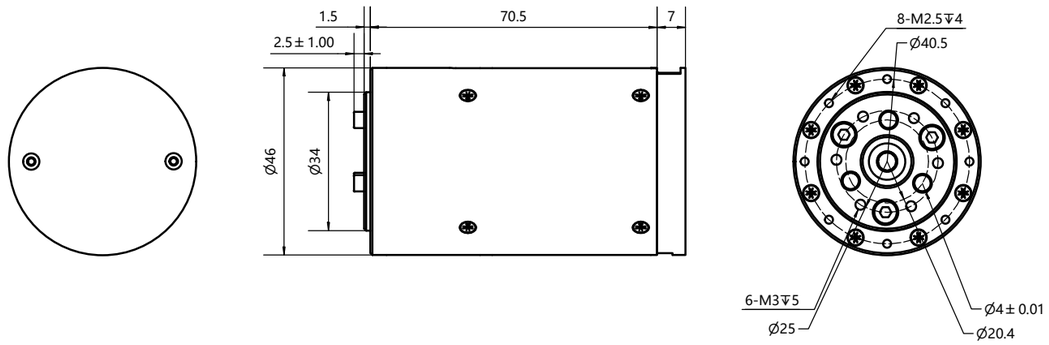
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12~40
额定功率(Rated power)	W	98.4
额定扭矩(Rated torque)	N.M	1.38
堵转扭矩(Peak torque)	N.M	6.08
减速后额定转速 (Rated speed after reduce)	rpm	512.5
减速后最大转速 (Max speed after reduce)	rpm	586.5
额定电流(Rated current)	A	4.1
堵转电流(Peak current)	A	28.94
线电阻(Line resistance)	Ω	0.52
线电感(Line inductance)	uH	287.18
转速常数(Speed constant)	rpm/v	24.44
扭矩常数(Torque constant)	N.M/A	0.3
极对数(Number of pole pairs)	Pairs	7
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)	/	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	247.6
电机重量带驱动 (Motor weight with driver)	g	259.6
电机尺寸不带驱动 (Size without driver)	mm	Ø46*46.5
电机尺寸带驱动 (Size with driver)	mm	Ø46*51.5
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)	/	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

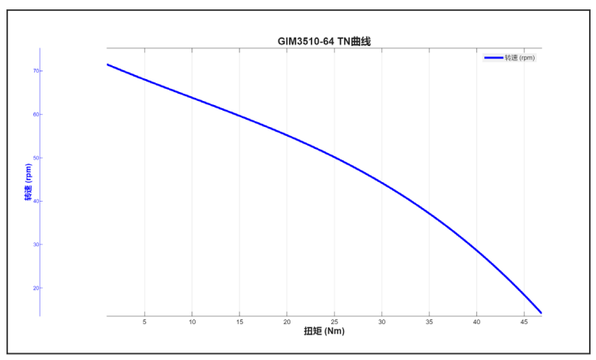
GIM3510-64



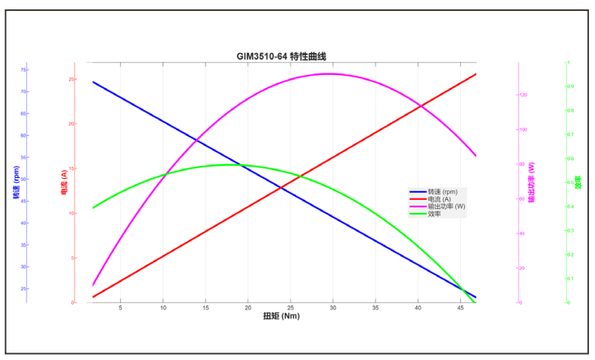
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

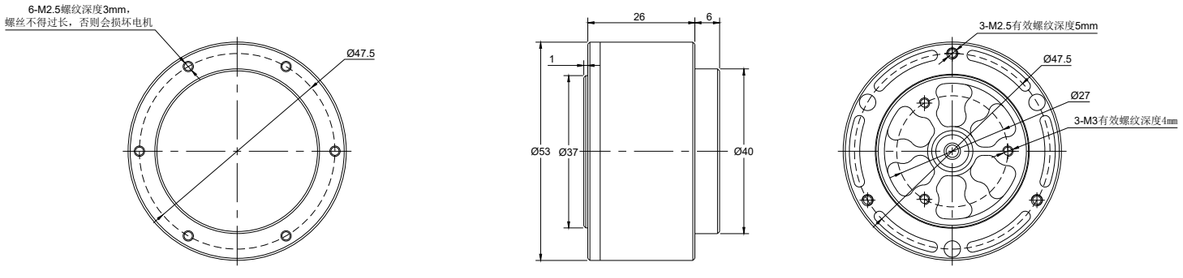
电机参数Motor Parameters		
额定电压(Rated voltage)	V	24
电压范围(Voltage range)	V	12~40
额定功率(Rated power)	W	91.2
额定扭矩(Rated torque)	N.M	9.21
堵转扭矩(Peak torque)	N.M	46.86
减速后额定转速 (Rated speed after reduce)	rpm	65.1
减速后最大转速 (Max speed after reduce)	rpm	72.5
额定电流(Rated current)	A	3.8
堵转电流(Peak current)	A	30
线电阻(Line resistance)	Ω	0.52
线电感(Line inductance)	uH	287.18
转速常数(Speed constant)	rpm/v	3.02
扭矩常数(Torque constant)	N.M/A	2.6
极对数(Number of pole pairs)	Pairs	7
减速比(Gear rate)	/	64:1
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	495.2
电机重量带驱动 (Motor weight with driver)	g	507.2
电机尺寸不带驱动 (Size without driver)	mm	Ø46*70.5
电机尺寸带驱动 (Size with driver)	mm	Ø46*77.5
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)	/	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

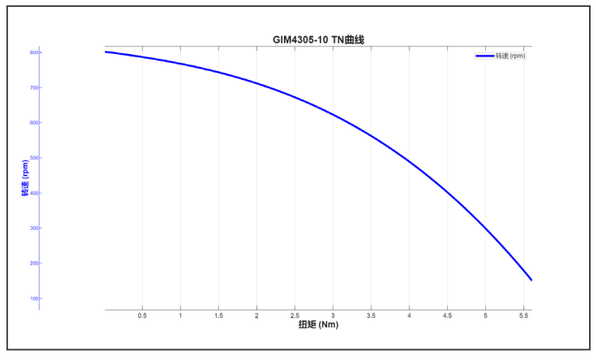
GIM4305-10



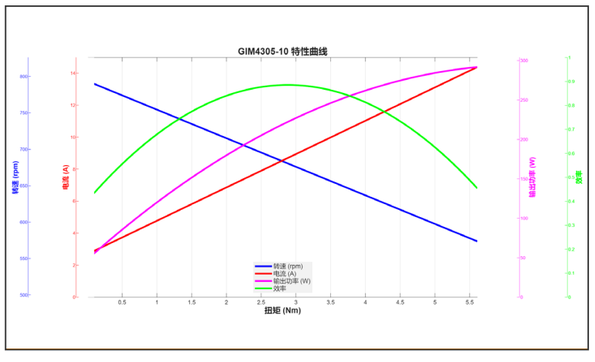
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

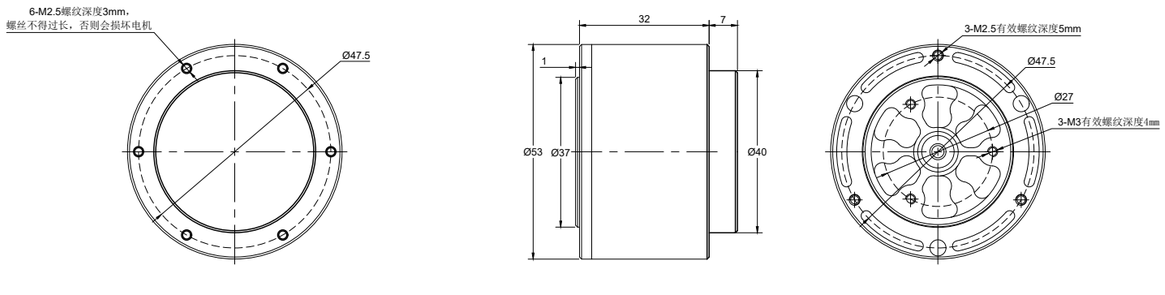
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	96
额定扭矩(Rated torque)	N.M	1.01
堵转扭矩(Peak torque)	N.M	5.61
减速后额定转速 (Rated speed after reduce)	rpm	736.1
减速后最大转速 (Max speed after reduce)	rpm	778.9
额定电流(Rated current)	A	2
堵转电流(Peak current)	A	19.55
线电阻(Line resistance)	Ω	1.11
线电感(Line inductance)	uH	283.96
转速常数(Speed constant)	rpm/v	16.23
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

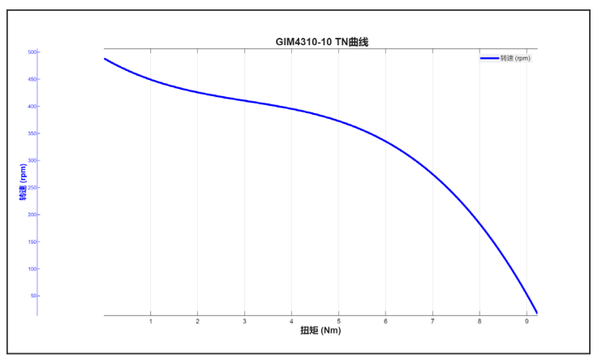
GIM4310-10



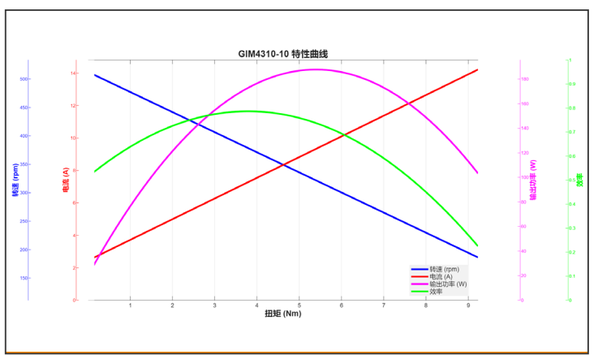
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

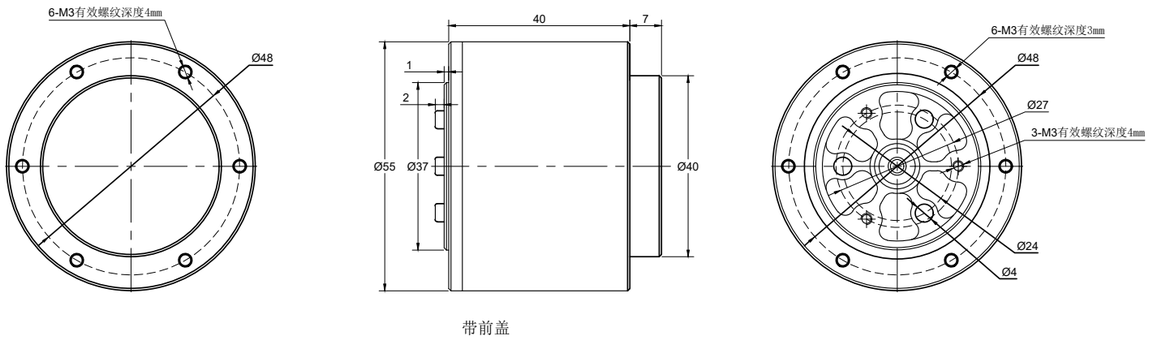
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	100.8
额定扭矩(Rated torque)	N.M	1.91
堵转扭矩(Peak torque)	N.M	9.23
减速后额定转速 (Rated speed after reduce)	rpm	420.5
减速后最大转速 (Max speed after reduce)	rpm	482.6
额定电流(Rated current)	A	2.1
堵转电流(Peak current)	A	15.3
线电阻(Line resistance)	Ω	1.96
线电感(Line inductance)	uH	668.47
转速常数(Speed constant)	rpm/v	10.05
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

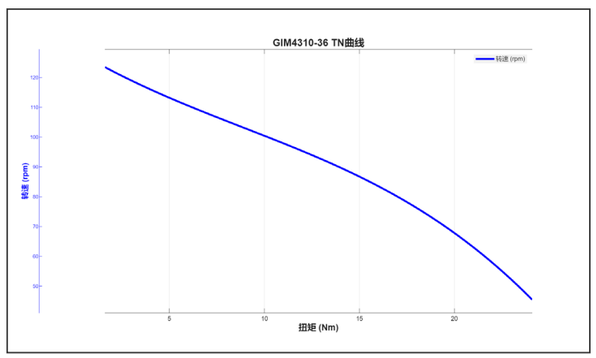


电机尺寸图/Dimension Drawing

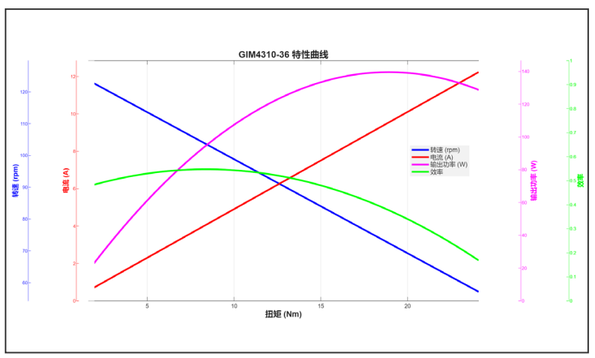


带前盖

性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

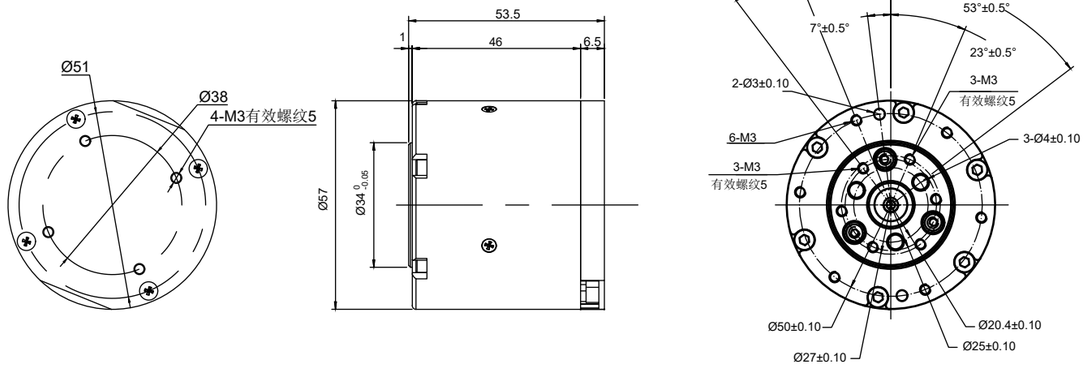
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	96
额定扭矩(Rated torque)	N.M	5.91
堵转扭矩(Peak torque)	N.M	24.09
减速后额定转速 (Rated speed after reduce)	rpm	113.5
减速后最大转速 (Max speed after reduce)	rpm	124.1
额定电流(Rated current)	A	2
堵转电流(Peak current)	A	19.84
线电阻(Line resistance)	Ω	1.86
线电感(Line inductance)	uH	657.74
转速常数(Speed constant)	rpm/v	2.59
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

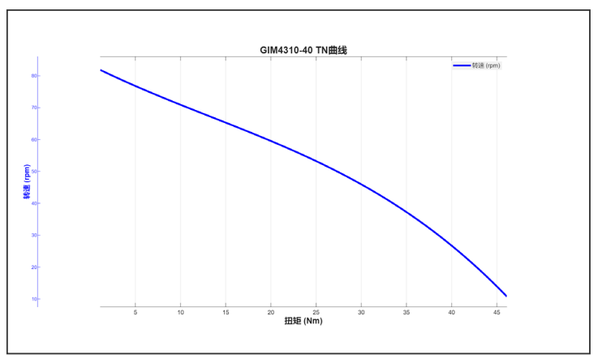
GIM4310-40



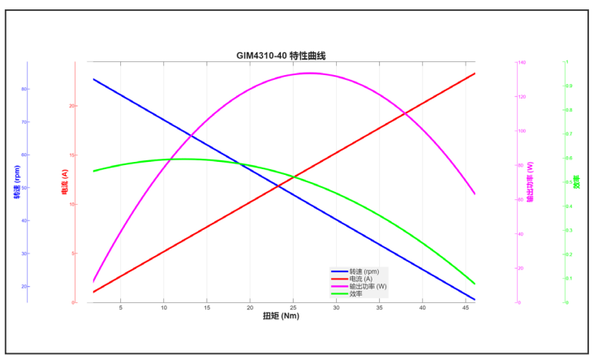
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

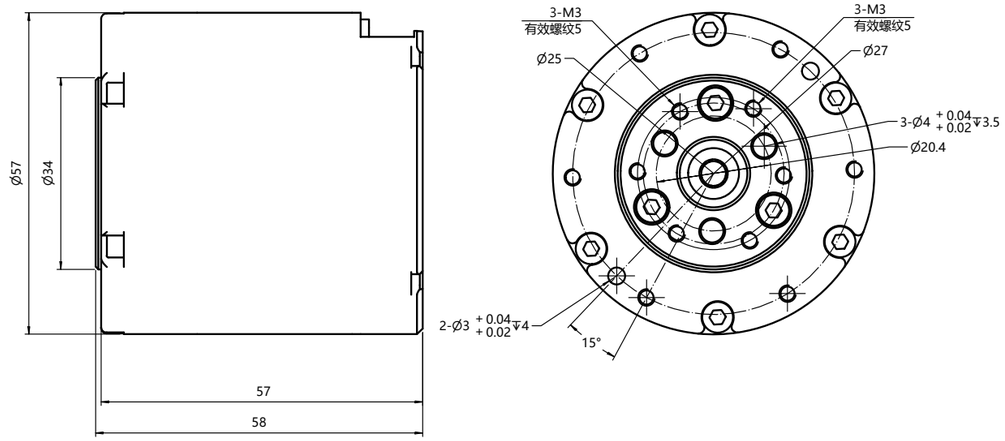
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	134.4	148.8
额定扭矩(Rated torque)	N.M	13.8	14.7
堵转扭矩(Peak torque)	N.M	46.1	41.83
减速后额定转速 (Rated speed after reduce)	rpm	65.7	79
减速后最大转速 (Max speed after reduce)	rpm	81.9	93.9
额定电流(Rated current)	A	5.6	3.1
堵转电流(Peak current)	A	24.42	12.27
线电阻(Line resistance)	Ω	0.60	1.48
线电感(Line inductance)	uH	172.00	549.40
转速常数(Speed constant)	rpm/v	3.41	1.96
扭矩常数(Torque constant)	N.M/A	2.3	4.1
极对数(Number of pole pairs)	Pairs	14	14
减速比(Gear rate)	/	40:1	40:1
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	336.7	336.7
电机重量带驱动 (Motor weight with driver)	g	364.5	364.5
电机尺寸不带驱动 (Size without driver)	mm	Ø57*46	Ø57*46
电机尺寸带驱动 (Size with driver)	mm	Ø57*56	Ø57*56
轴向最大负载(Max.Axial load)	N	125	125
径向最大负载(Max.Radial load)	N	500	500
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

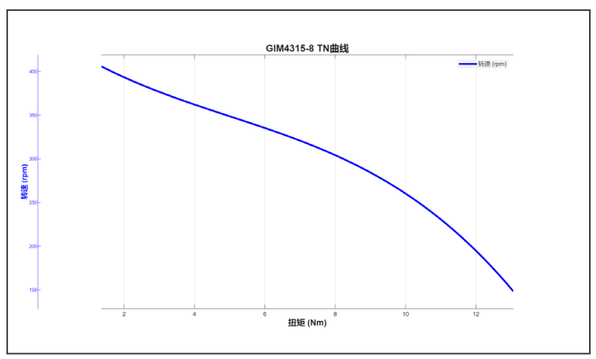
GIM4315-8



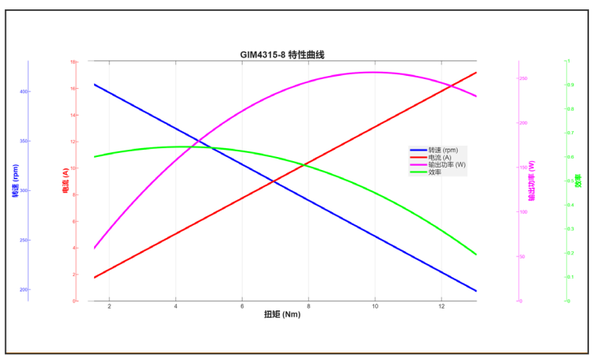
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

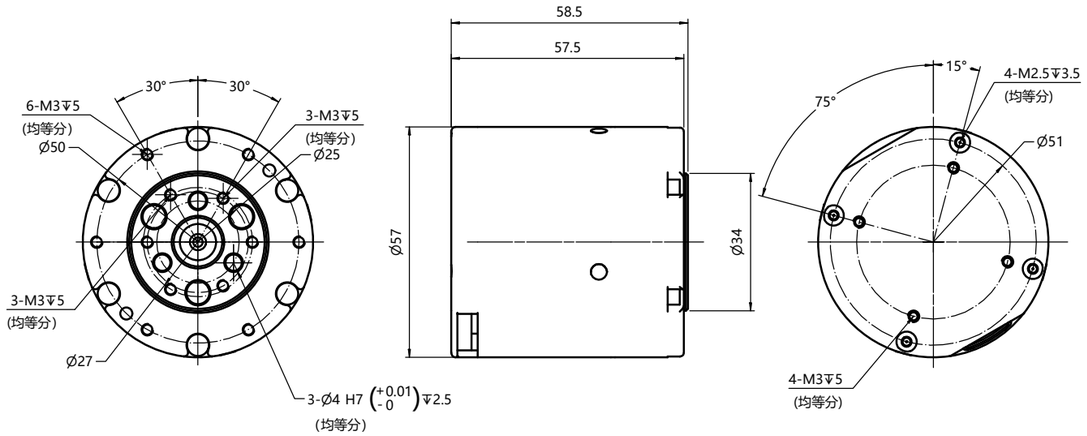
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	139.2
额定扭矩(Rated torque)	N.M	2.96
堵转扭矩(Peak torque)	N.M	13.06
减速后额定转速 (Rated speed after reduce)	rpm	370.5
减速后最大转速 (Max speed after reduce)	rpm	399
额定电流(Rated current)	A	2.9
堵转电流(Peak current)	A	19.56
线电阻(Line resistance)	Ω	1.50
线电感(Line inductance)	uH	432.65
转速常数(Speed constant)	rpm/v	8.31
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

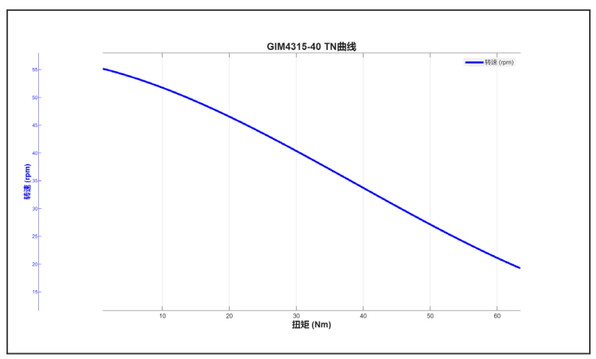
GIM4315-40



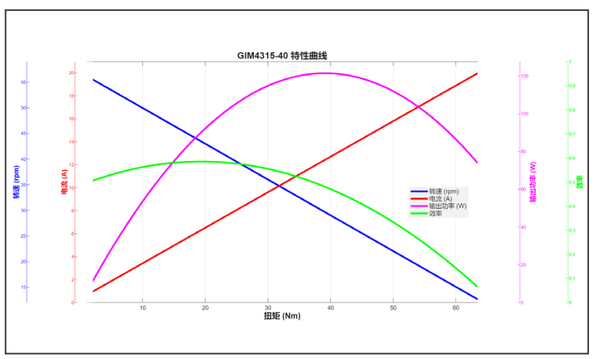
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

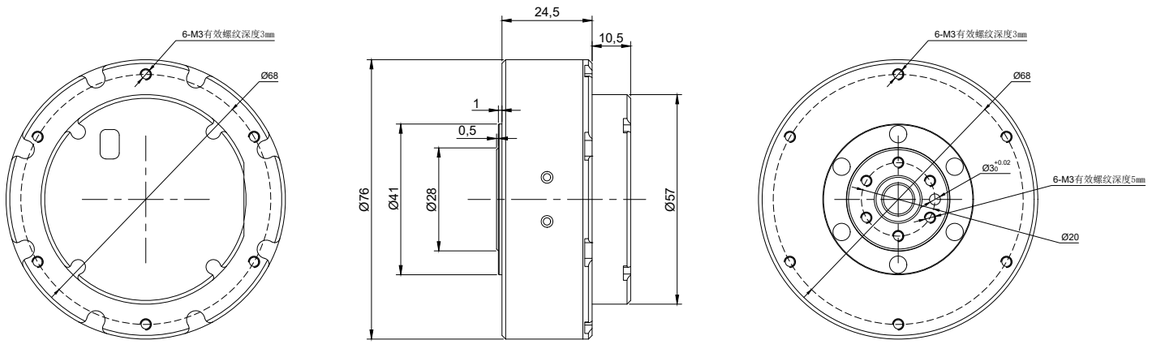
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	115.2	187.2
额定扭矩(Rated torque)	N.M	16.52	27.35
堵转扭矩(Peak torque)	N.M	63.48	67.44
减速后额定转速 (Rated speed after reduce)	rpm	45.8	47.2
减速后最大转速 (Max speed after reduce)	rpm	55.6	64.9
额定电流(Rated current)	A	4.8	3.9
堵转电流(Peak current)	A	21.98	14.6
线电阻(Line resistance)	Ω	0.78	2.20
线电感(Line inductance)	uH	233.04	798.67
转速常数(Speed constant)	rpm/v	2.32	1.35
扭矩常数(Torque constant)	N.M/A	3.5	6
极对数(Number of pole pairs)	Pairs	14	14
减速比(Gear rate)	/	40:1	40:1
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	376.6	376.6
电机重量带驱动 (Motor weight with driver)	g	404.8	404.8
电机尺寸不带驱动 (Size without driver)	mm	Ø57*52	Ø57*52
电机尺寸带驱动 (Size with driver)	mm	Ø57*58.5	Ø57*58.5
轴向最大负载(Max.Axial load)	N	125	125
径向最大负载(Max.Radial load)	N	500	500
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

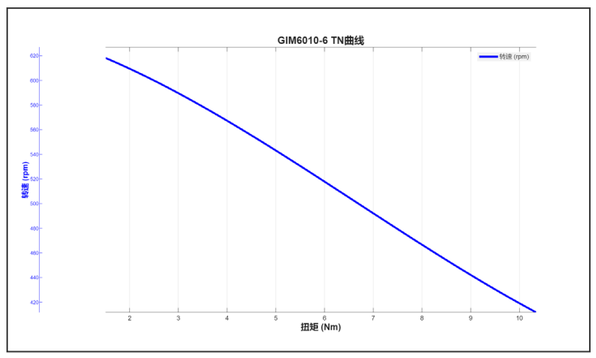
GIM6010-6



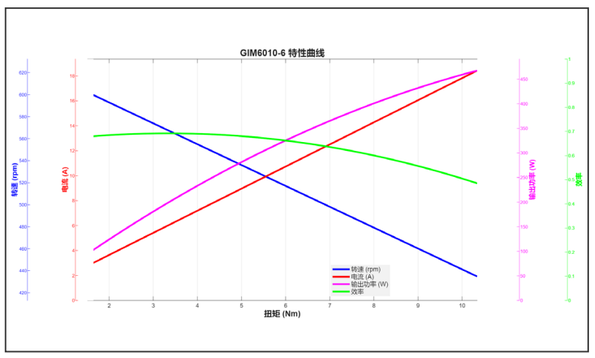
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

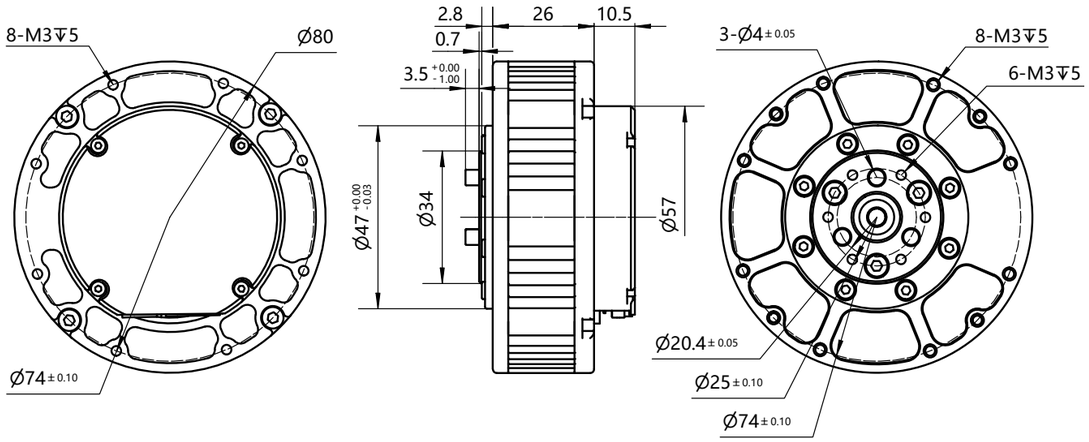
电机参数Motor Parameters		
额定电压(Rated voltage)	V	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	268.8
额定扭矩(Rated torque)	N.M	3.85
堵转扭矩(Peak torque)	N.M	10.34
减速后额定转速 (Rated speed after reduce)	rpm	542.8
减速后最大转速 (Max speed after reduce)	rpm	596.6
额定电流(Rated current)	A	5.6
堵转电流(Peak current)	A	19.57
线电阻(Line resistance)	Ω	0.58
线电感(Line inductance)	uH	390.10
转速常数(Speed constant)	rpm/v	12.43
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

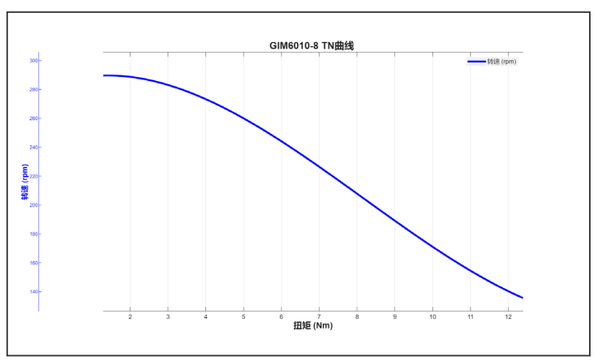
GIM6010-8



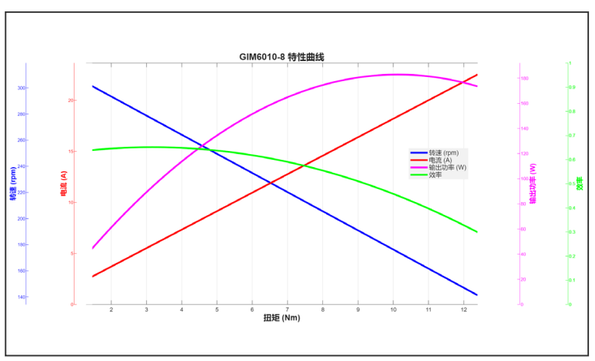
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

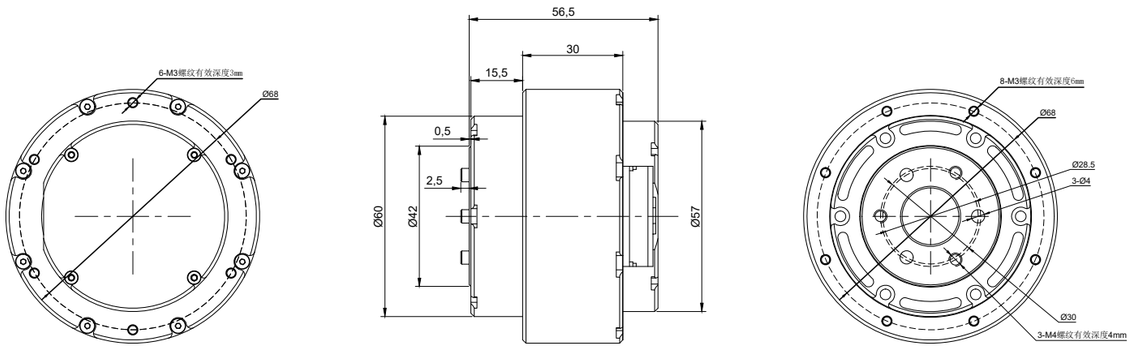
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	158.4	230.4
额定扭矩(Rated torque)	N.M	4.85	7.04
堵转扭矩(Peak torque)	N.M	12.39	17.75
减速后额定转速 (Rated speed after reduce)	rpm	245	239.5
减速后最大转速 (Max speed after reduce)	rpm	291.2	298.4
额定电流(Rated current)	A	6.6	4.8
堵转电流(Peak current)	A	30.47	19.5
线电阻(Line resistance)	Ω	0.44	1.45
线电感(Line inductance)	uH	230.77	823.47
转速常数(Speed constant)	rpm/v	11.54	6.22
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

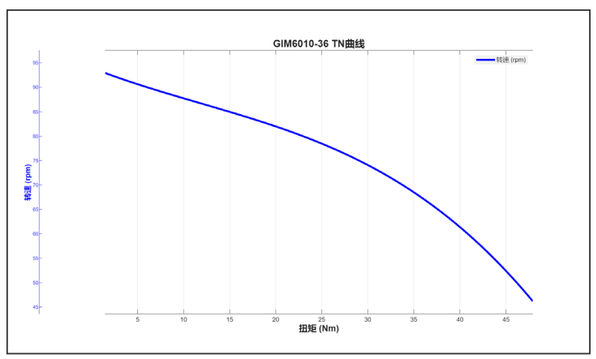
GIM6010-36



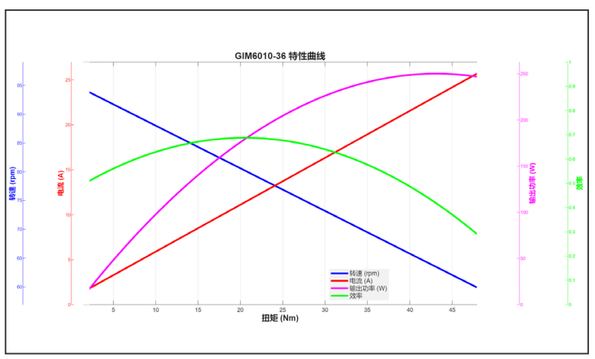
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

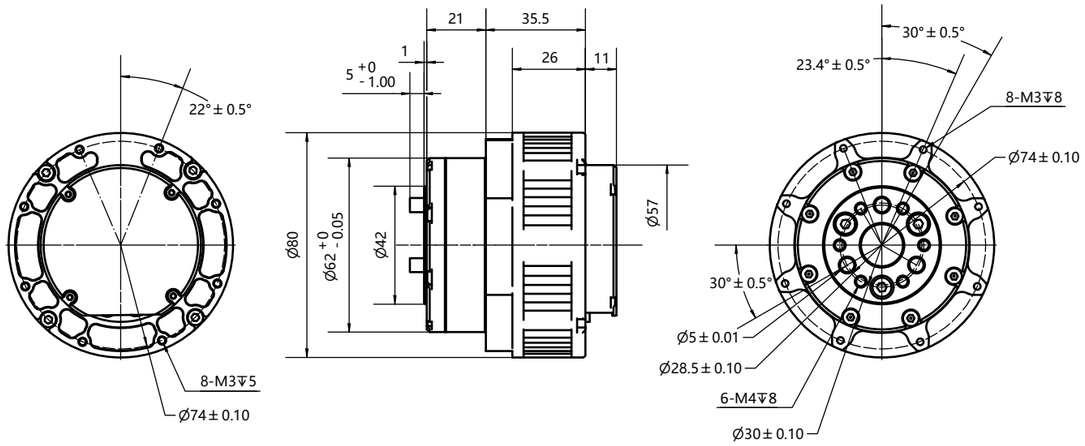
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~48	12~48
额定功率(Rated power)	W	211.2	225.6
额定扭矩(Rated torque)	N.M	18.94	13.9
堵转扭矩(Peak torque)	N.M	47.92	59.58
减速后额定转速 (Rated speed after reduce)	rpm	84.7	97.8
减速后最大转速 (Max speed after reduce)	rpm	92.9	104.4
额定电流(Rated current)	A	8.8	4.7
堵转电流(Peak current)	A	30.17	18.5
线电阻(Line resistance)	Ω	0.19	0.59
线电感(Line inductance)	uH	121.10	393.81
转速常数(Speed constant)	rpm/v	3.87	2.18
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*45.5	Ø76*45.5
电机尺寸带驱动 (Size with driver)	mm	Ø76*56.5	Ø76*56.5
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

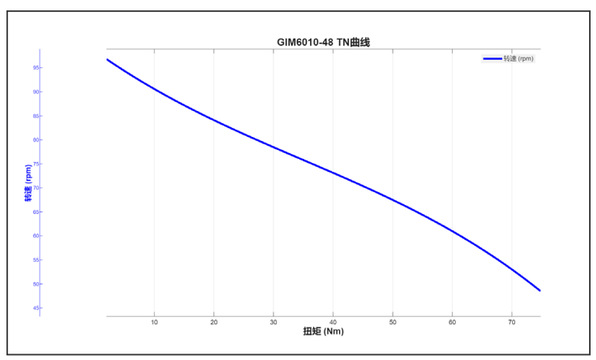
GIM6010-48



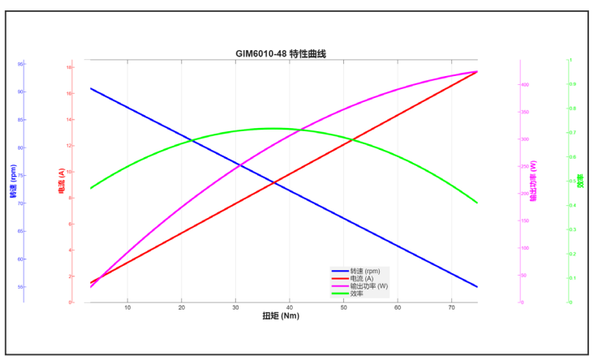
电机尺寸图/Dimension Drawing



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	12~48
额定功率(Rated power)	W	297.6
额定扭矩(Rated torque)	N.M	28.11
堵转扭矩(Peak torque)	N.M	74.8
减速后额定转速 (Rated speed after reduce)	rpm	85.9
减速后最大转速 (Max speed after reduce)	rpm	94.7
额定电流(Rated current)	A	6.2
堵转电流(Peak current)	A	20.23
线电阻(Line resistance)	Ω	0.44
线电感(Line inductance)	uH	222.70
转速常数(Speed constant)	rpm/v	1.97
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

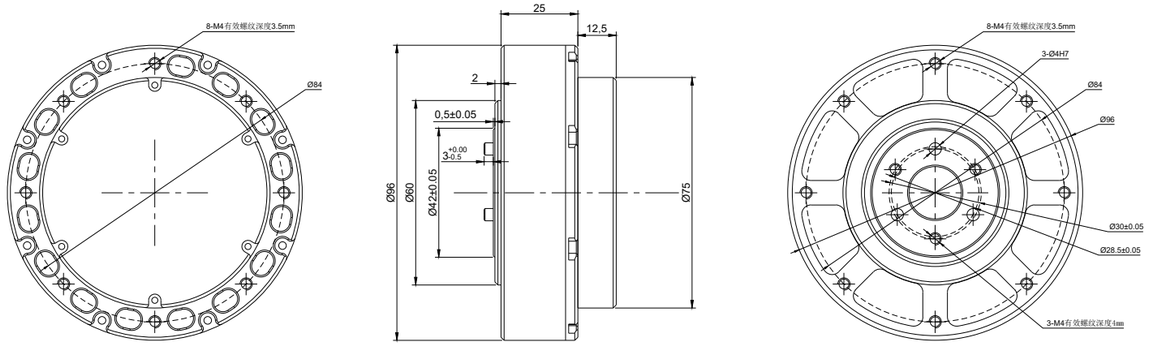
电机型号 Motor Model

GIM8108-6

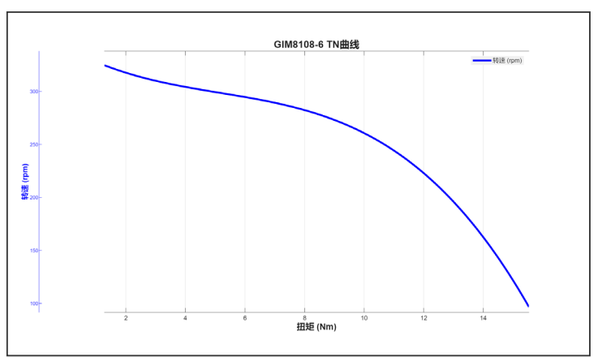


电机尺寸图/Dimension Drawing

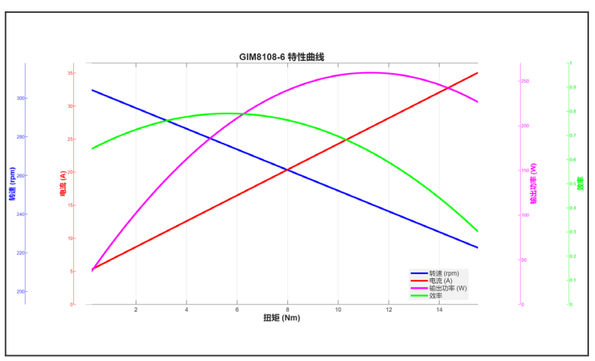
（8108-6）



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

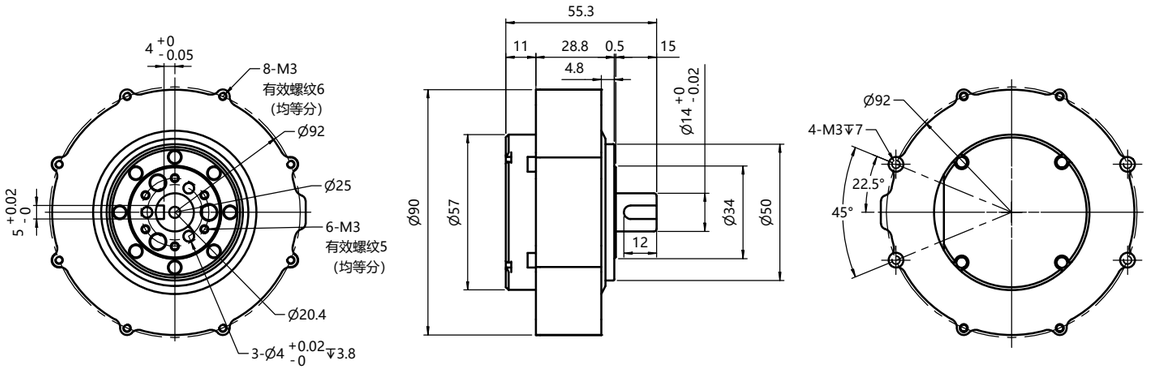
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~48	12~48
额定功率(Rated power)	W	244.8	312
额定扭矩(Rated torque)	N.M	6.73	7.53
堵转扭矩(Peak torque)	N.M	15.53	26.32
减速后额定转速 (Rated speed after reduce)	rpm	267	322.8
减速后最大转速 (Max speed after reduce)	rpm	323	372.2
额定电流(Rated current)	A	10.2	6.5
堵转电流(Peak current)	A	60.6	47.37
线电阻(Line resistance)	Ω	0.27	0.77
线电感(Line inductance)	uH	120.00	356.75
转速常数(Speed constant)	rpm/v	13.46	7.75
扭矩常数(Torque constant)	N.M/A	0.54	0.94
极对数(Number of pole pairs)	Pairs	21	21
减速比(Gear rate)	/	6:1	6:1
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

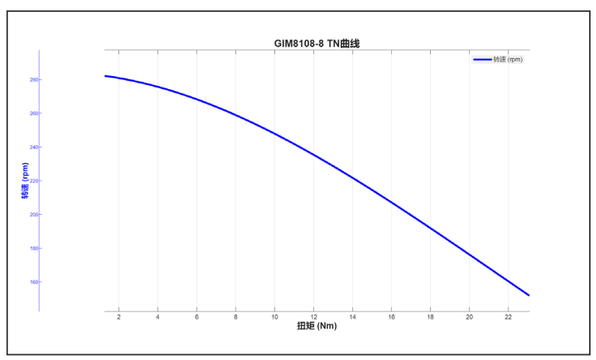
GIM8108-8



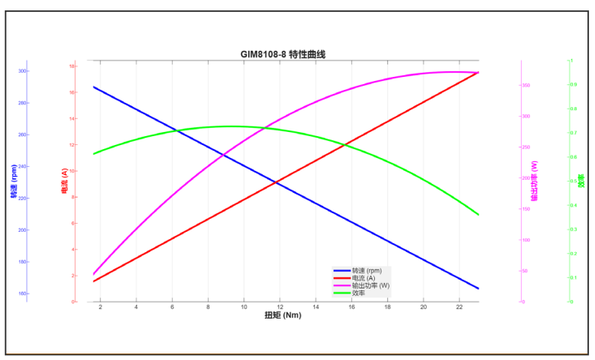
电机尺寸图/Dimension Drawing



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	12~48
额定功率(Rated power)	W	302.4
额定扭矩(Rated torque)	N.M	9.54
堵转扭矩(Peak torque)	N.M	23.09
减速后额定转速 (Rated speed after reduce)	rpm	242.8
减速后最大转速 (Max speed after reduce)	rpm	290
额定电流(Rated current)	A	6.3
堵转电流(Peak current)	A	18.86
线电阻(Line resistance)	Ω	0.72
线电感(Line inductance)	uH	370.57
转速常数(Speed constant)	rpm/v	6.04
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

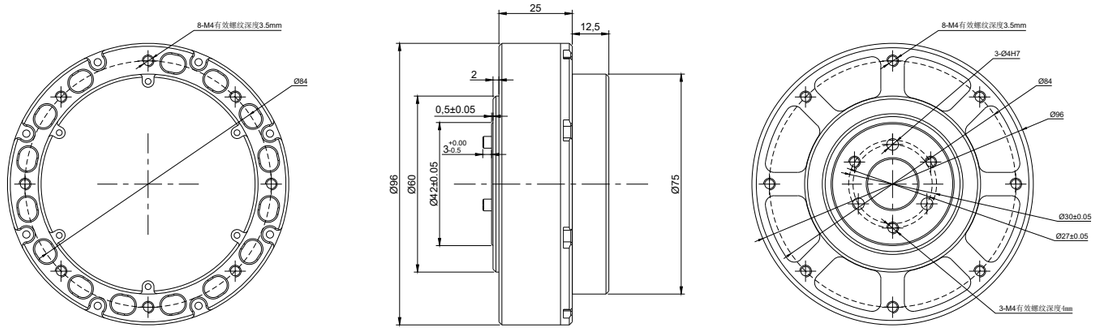
电机型号 Motor Model

GIM8108-9

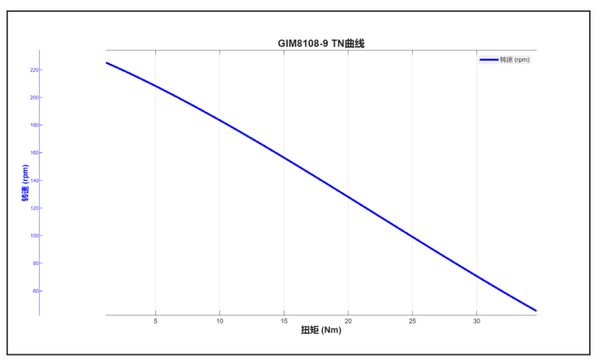


电机尺寸图/Dimension Drawing

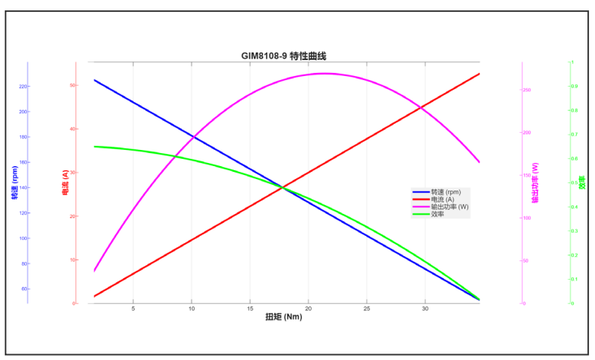
（8108-9）



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

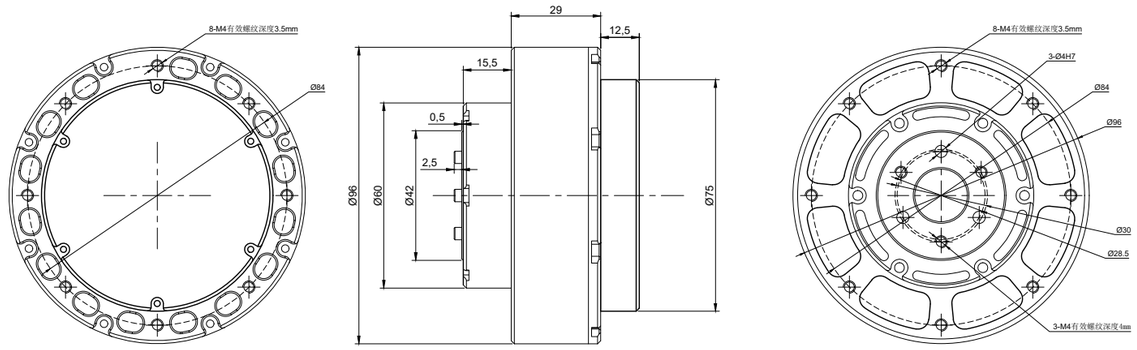
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~48	12~48
额定功率(Rated power)	W	252	307.2
额定扭矩(Rated torque)	N.M	10.23	10.79
堵转扭矩(Peak torque)	N.M	34.67	35.69
减速后额定转速 (Rated speed after reduce)	rpm	179	212.2
减速后最大转速 (Max speed after reduce)	rpm	223	257.2
额定电流(Rated current)	A	10.5	6.4
堵转电流(Peak current)	A	56.01	48.19
线电阻(Line resistance)	Ω	0.23	0.78
线电感(Line inductance)	uH	120.46	370.78
转速常数(Speed constant)	rpm/v	9.29	5.36
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

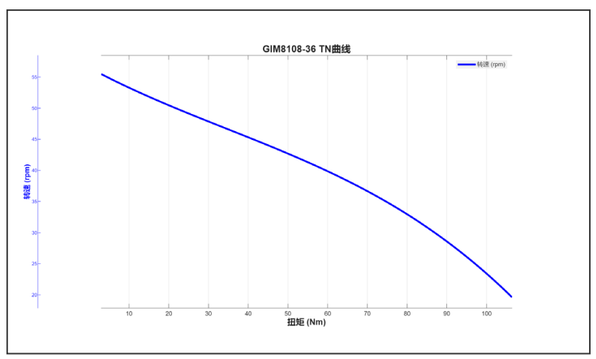
GIM8108-36



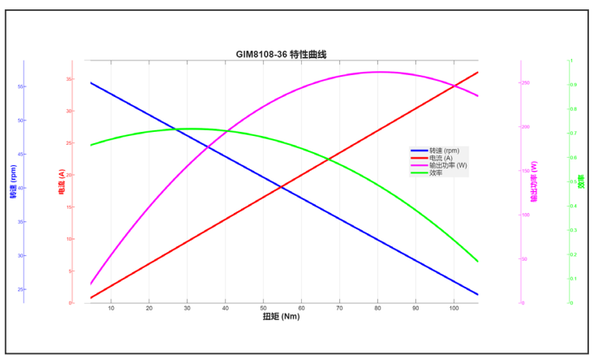
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

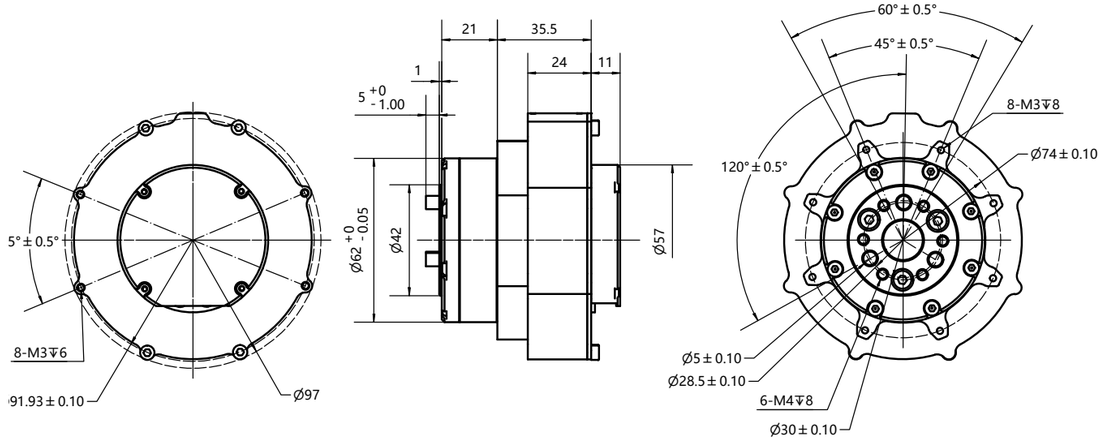
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	271.2	307.2
额定扭矩(Rated torque)	N.M	40.3	45
堵转扭矩(Peak torque)	N.M	106.4	130.2
减速后额定转速 (Rated speed after reduce)	rpm	45.5	51
减速后最大转速 (Max speed after reduce)	rpm	55.8	67.1
额定电流(Rated current)	A	11.3	6.4
堵转电流(Peak current)	A	42.43	39.63
线电阻(Line resistance)	Ω	0.27	0.72
线电感(Line inductance)	uH	120.00	376.29
转速常数(Speed constant)	rpm/v	2.33	1.40
扭矩常数(Torque constant)	N.M/A	3.1	6
极对数(Number of pole pairs)	Pairs	21	21
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	720.0	720.0
电机重量带驱动 (Motor weight with driver)	g	760.0	760.0
电机尺寸不带驱动 (Size without driver)	mm	Ø96*44.5	Ø96*44.5
电机尺寸带驱动 (Size with driver)	mm	Ø96*57	Ø96*57
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

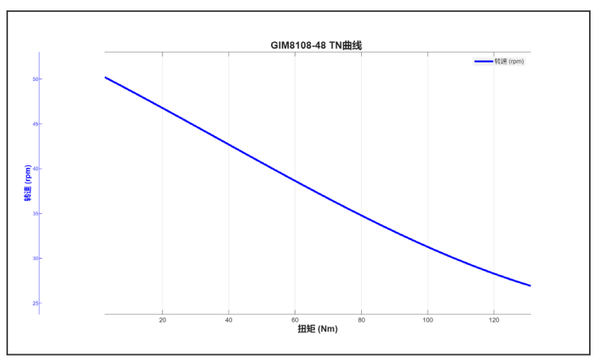
GIM8108-48



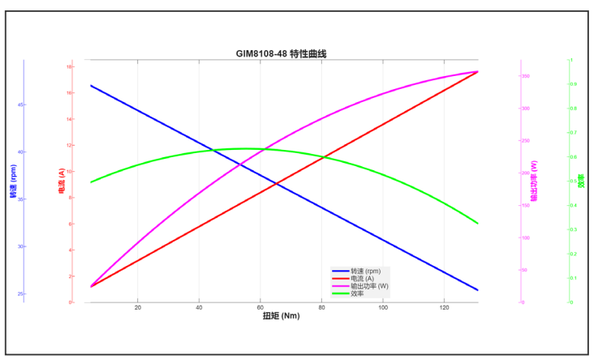
电机尺寸图/Dimension Drawing



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	12~48
额定功率(Rated power)	W	278.4
额定扭矩(Rated torque)	N.M	53
堵转扭矩(Peak torque)	N.M	131.1
减速后额定转速 (Rated speed after reduce)	rpm	40.2
减速后最大转速 (Max speed after reduce)	rpm	50.5
额定电流(Rated current)	A	5.8
堵转电流(Peak current)	A	20.2
线电阻(Line resistance)	Ω	0.69
线电感(Line inductance)	uH	368.50
转速常数(Speed constant)	rpm/v	1.05
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

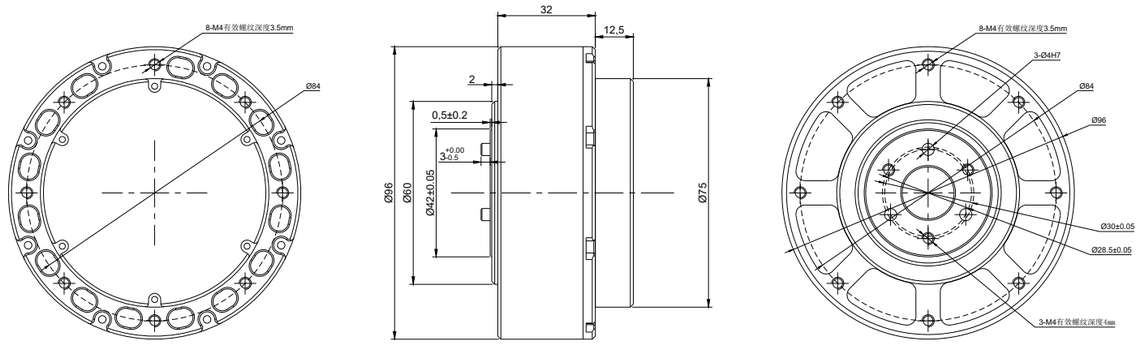
电机型号 Motor Model

GIM8115-6

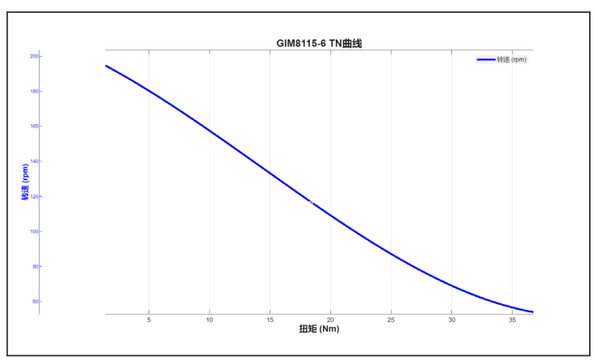


电机尺寸图/Dimension Drawing

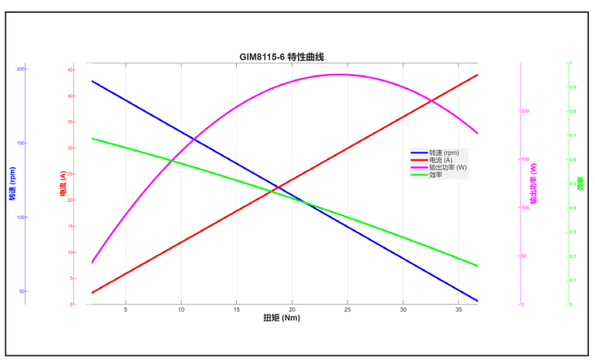
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性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

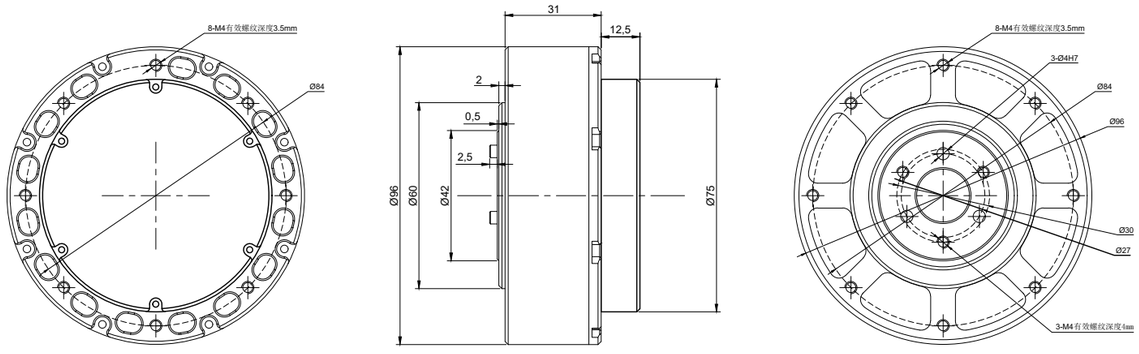
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	232.8	316.8
额定扭矩(Rated torque)	N.M	11.2	12.7
堵转扭矩(Peak torque)	N.M	36.94	46.34
减速后额定转速 (Rated speed after reduce)	rpm	149.8	185
减速后最大转速 (Max speed after reduce)	rpm	199.2	230
额定电流(Rated current)	A	9.7	6.6
堵转电流(Peak current)	A	44.28	36.57
线电阻(Line resistance)	Ω	0.35	1.04
线电感(Line inductance)	uH	185.00	472.00
转速常数(Speed constant)	rpm/v	8.30	4.79
扭矩常数(Torque constant)	N.M/A	0.98	1.6
极对数(Number of pole pairs)	Pairs	21	21
减速比(Gear rate)	/	6:1	6:1
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)	/	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

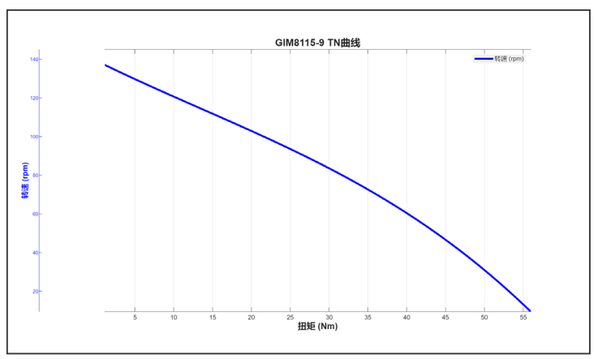
GIM8115-9



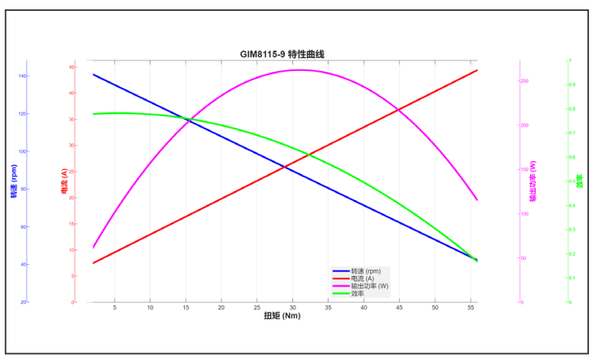
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

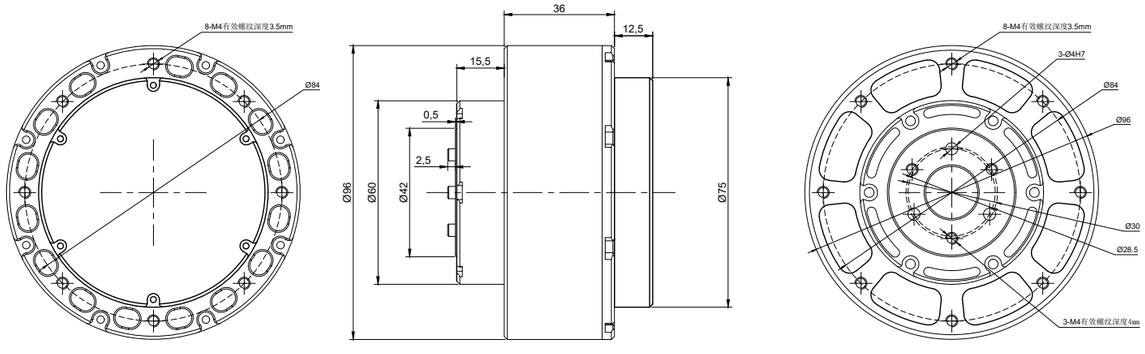
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~48	12~48
额定功率(Rated power)	W	249.6	312
额定扭矩(Rated torque)	N.M	16.8	18.82
堵转扭矩(Peak torque)	N.M	55.98	54.55
减速后额定转速 (Rated speed after reduce)	rpm	110.3	126.8
减速后最大转速 (Max speed after reduce)	rpm	140	159.5
额定电流(Rated current)	A	10.4	6.5
堵转电流(Peak current)	A	50.77	25.21
线电阻(Line resistance)	Ω	0.30	0.88
线电感(Line inductance)	uH	154.00	467.87
转速常数(Speed constant)	rpm/v	5.83	3.32
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

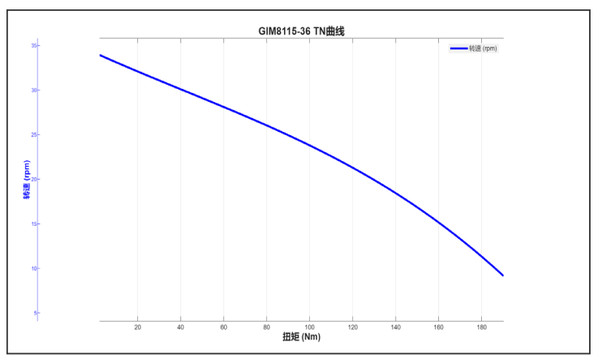
GIM8115-36



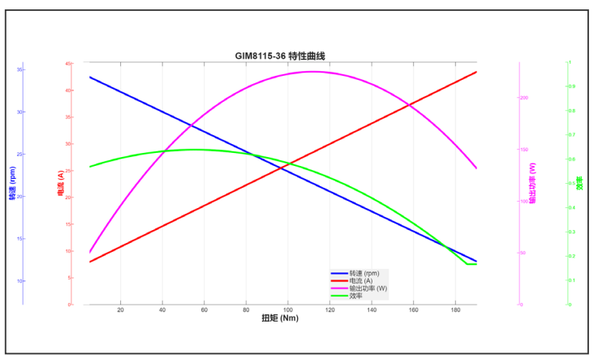
电机尺寸图/Dimension Drawing



性能曲线图/Performance Curves



TN曲线/Torque-RPM Curve



特性曲线/Characteristic Curves

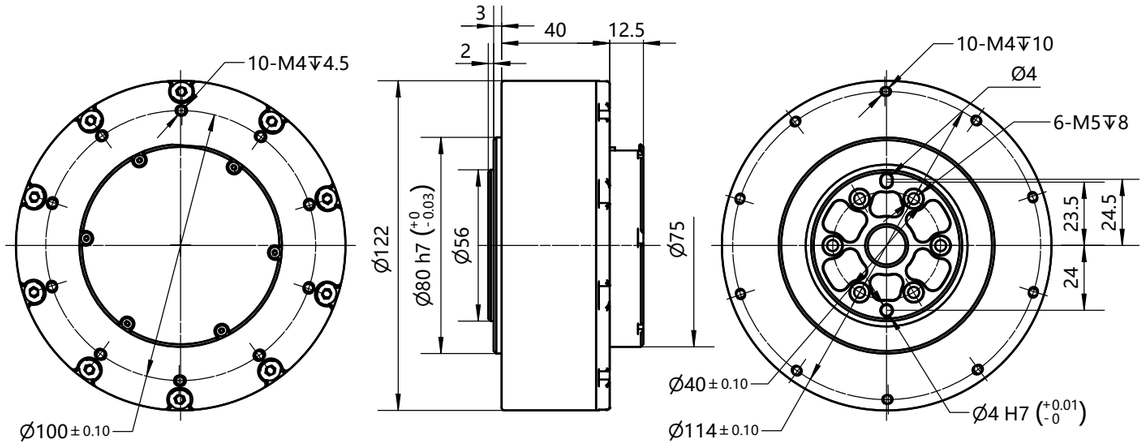
电机参数Motor Parameters			
额定电压(Rated voltage)	V	24	48
电压范围(Voltage range)	V	12~40	12~48
额定功率(Rated power)	W	244.8	278.4
额定扭矩(Rated torque)	N.M	58.3	46.2
堵转扭矩(Peak torque)	N.M	190.2	214.3
减速后额定转速 (Rated speed after reduce)	rpm	26.6	31.6
减速后最大转速 (Max speed after reduce)	rpm	35.3	38.5
额定电流(Rated current)	A	10.2	5.8
堵转电流(Peak current)	A	48.91	39.5
线电阻(Line resistance)	Ω	0.32	1.06
线电感(Line inductance)	uH	157.07	474.90
转速常数(Speed constant)	rpm/v	1.47	0.80
扭矩常数(Torque constant)	N.M/A	5.4	8
极对数(Number of pole pairs)	Pairs	21	21
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	920.0	920.0
电机重量带驱动 (Motor weight with driver)	g	960.0	960.0
电机尺寸不带驱动 (Size without driver)	mm	Ø96*51.5	Ø96*51.5
电机尺寸带驱动 (Size with driver)	mm	Ø96*64	Ø96*64
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

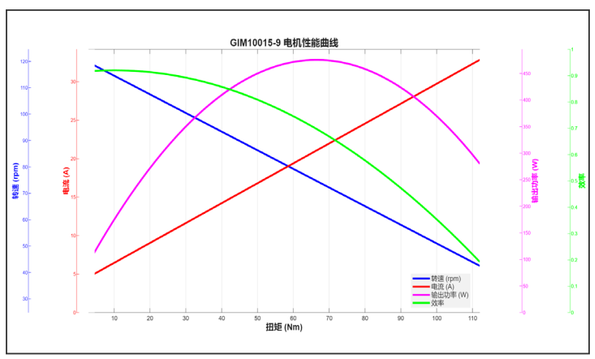
GIM10015-9



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	48
电压范围(Voltage range)	V	12~48
额定功率(Rated power)	W	264
额定扭矩(Rated torque)	N.M	20.5
堵转扭矩(Peak torque)	N.M	112
减速后额定转速 (Rated speed after reduce)	rpm	101.9
减速后最大转速 (Max speed after reduce)	rpm	114.3
额定电流(Rated current)	A	5.5
堵转电流(Peak current)	A	39.28
线电阻(Line resistance)	Ω	0.76
线电感(Line inductance)	uH	416.41
转速常数(Speed constant)	rpm/v	2.38
扭矩常数(Torque constant)	N.M/A	1.5
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)	/	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	1325.0
电机重量带驱动 (Motor weight with driver)	g	1372.0
电机尺寸不带驱动 (Size without driver)	mm	Ø120*45
电机尺寸带驱动 (Size with driver)	mm	Ø122*57.5
轴向最大负载(Max.Axial load)	N	1250
径向最大负载(Max.Radial load)	N	5000
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