

 **Direct Drive The World** 

DIRECT DRIVE MOTOR PRODUCT BROCHURE

Direct Drive Precision Actuator Expert



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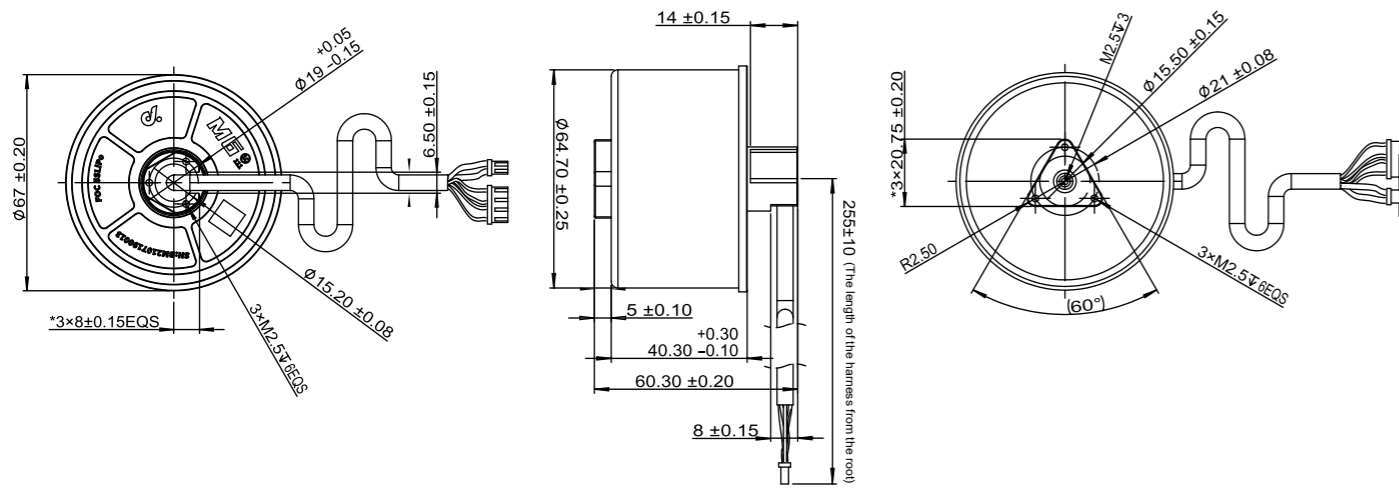
Product model
M0601C_111



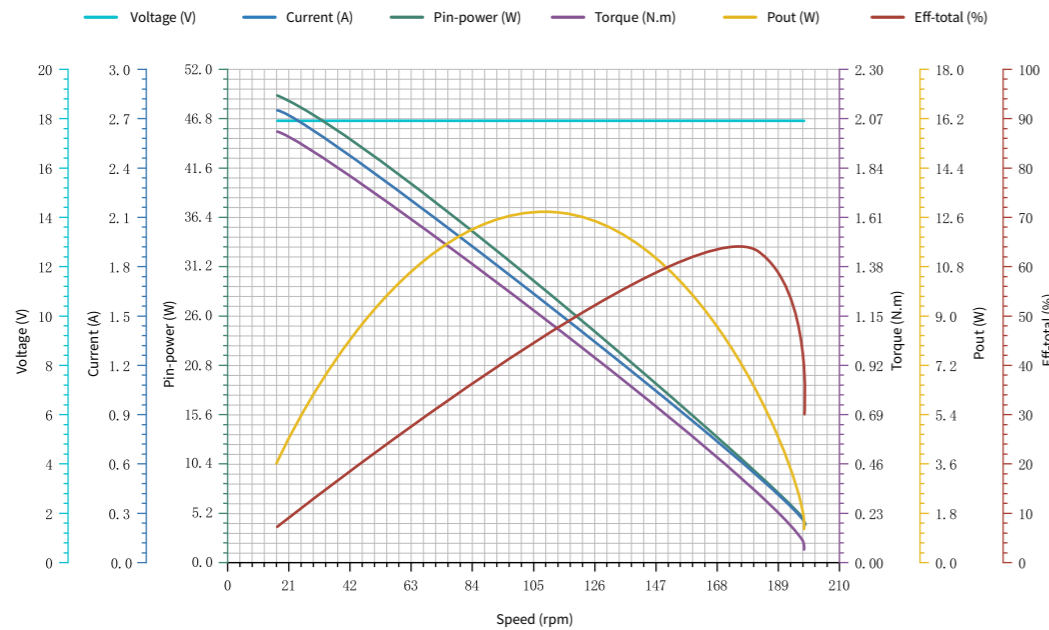
Motor Parameters

Size	mm	φ64.7*40.3	Noise Level	dB	≤50
Rated Voltage	VDC	18	Encoder Resolution	bit	12
Rated Power	W	10	Communication Protocol	—	485
Rated Torque	N.m	0.96	Ingress Protection Rating	—	IP54
Stall Torque	N.m	2	Insulation Level	—	B
Rated Speed	rpm	115	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	200	Ambient Temperature	°C	-20~45
Rated Current	A	1.25	Environment Humidity	%	<85
Stall Current	A	2.7	Storage Temperature	°C	-20~65
Weight	g	485	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



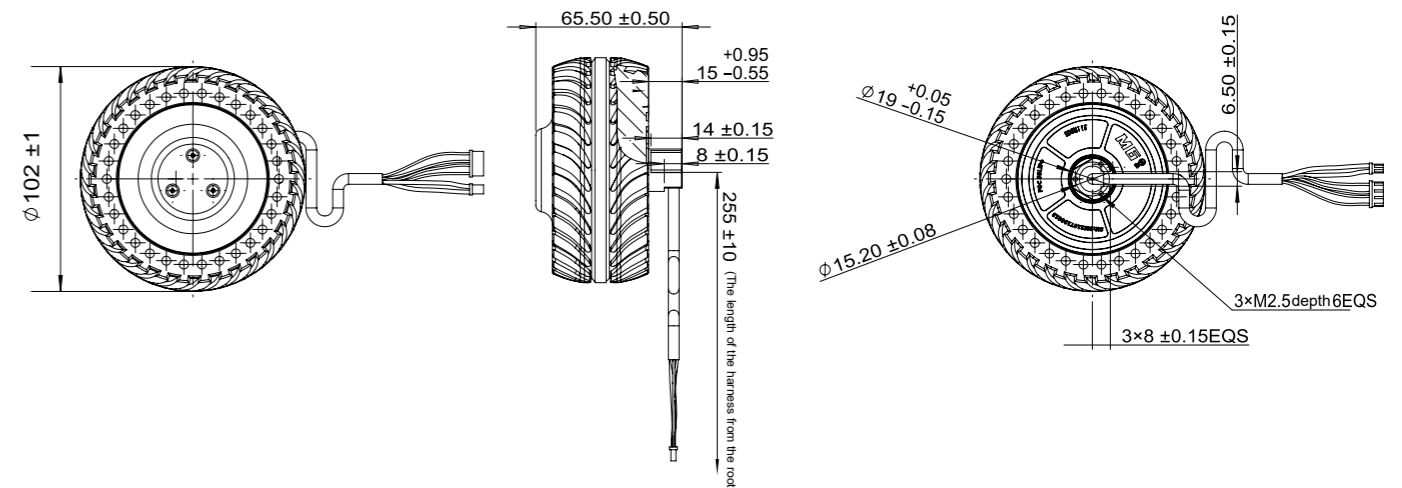
Product model
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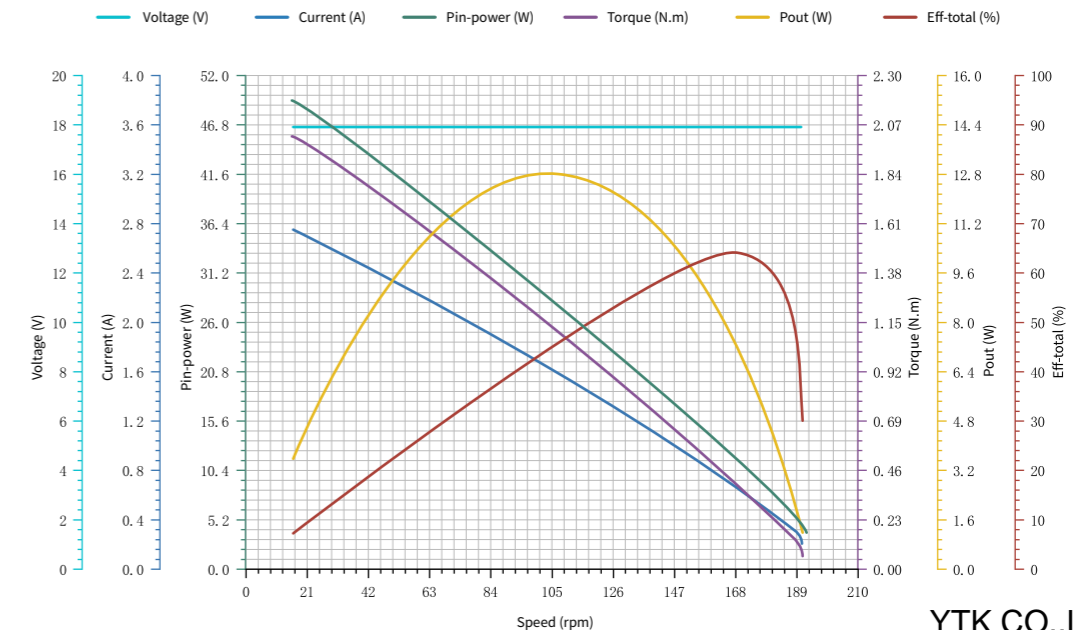
Motor Parameters

Size	mm	φ100.7*43	Noise Level	dB	≤50
Rated Voltage	VDC	18	Encoder Resolution	bit	12
Rated Power	W	10	Communication Protocol	—	485
Rated Torque	N.m	0.96	Ingress Protection Rating	—	IP54
Stall Torque	N.m	2	Insulation Level	—	B
Rated Speed	rpm	115	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	200	Ambient Temperature	°C	-20~45
Rated Current	A	1.25	Environment Humidity	%	<85
Stall Current	A	2.7	Storage Temperature	°C	-20~65
Weight	g	745	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



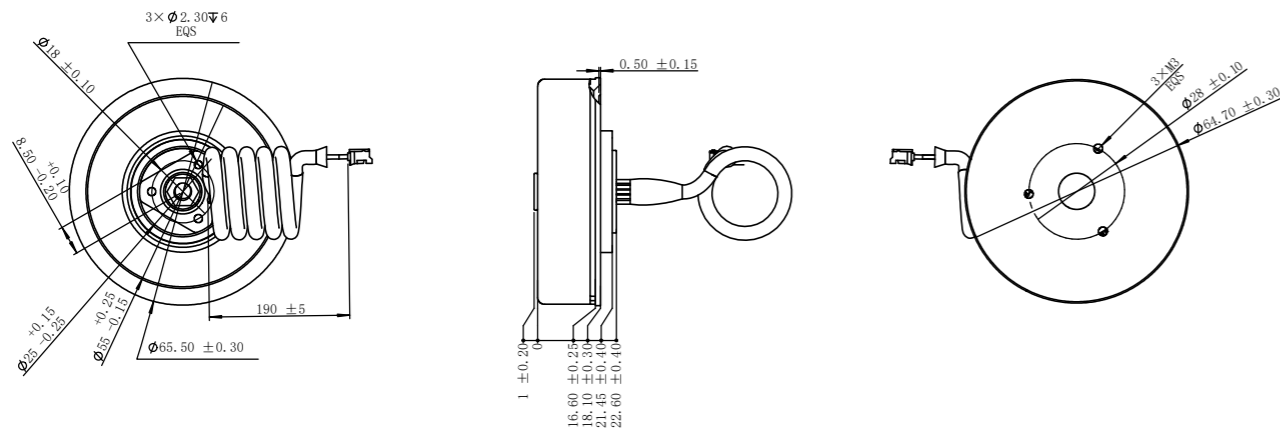
Product model
M0603A_111



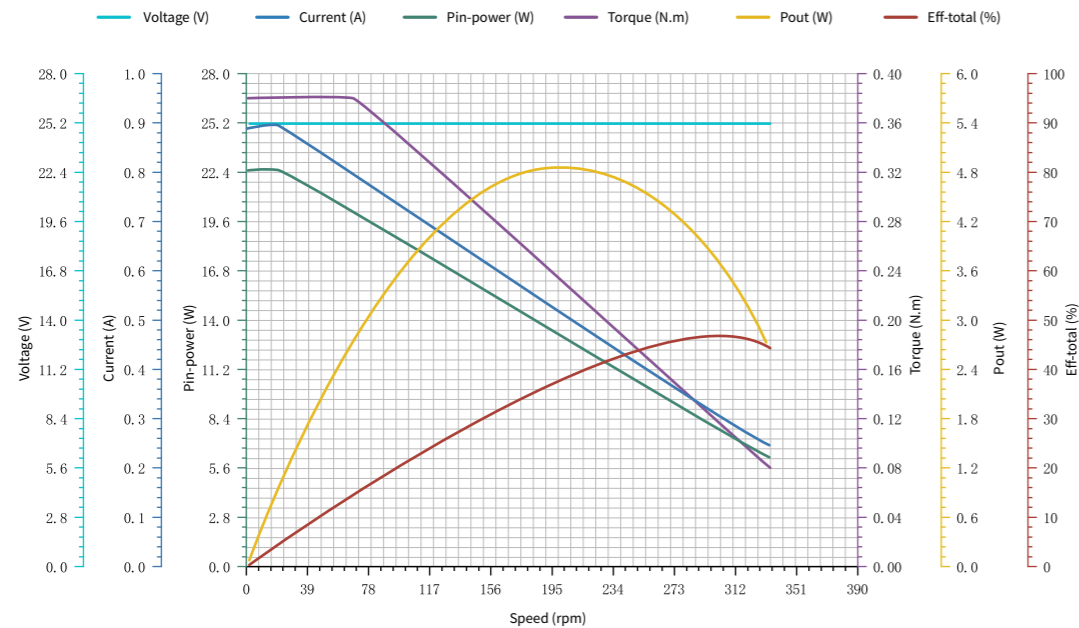
Motor Parameters

Size	mm	φ64.7*18.1	Noise Level	dB	≤45
Rated Voltage	VDC	25.2	Encoder Resolution	bit	12
Rated Power	W	1.5	Communication Protocol	—	UART
Rated Torque	N.m	0.15	Ingress Protection Rating	—	IP64
Stall Torque	N.m	0.3	Insulation Level	—	F
Rated Speed	rpm	100	Insulation Voltage	VAC/Hz	500/50
Unload Velocity	rpm	400	Ambient Temperature	°C	-10~40
Rated Current	A	0.24	Environment Humidity	%	<85
Stall Current	A	1	Storage Temperature	°C	-20~65
Weight	g	198	Storage Humidity	%	<85

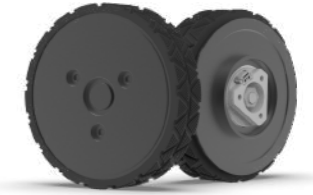
Motor installation interface



Motor characteristic line chart



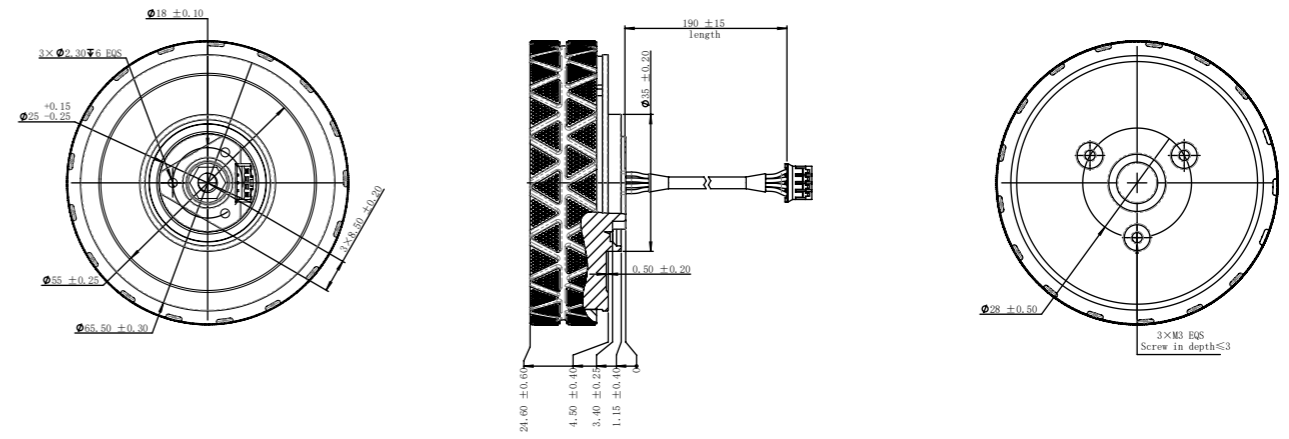
Product model
M0603A_311



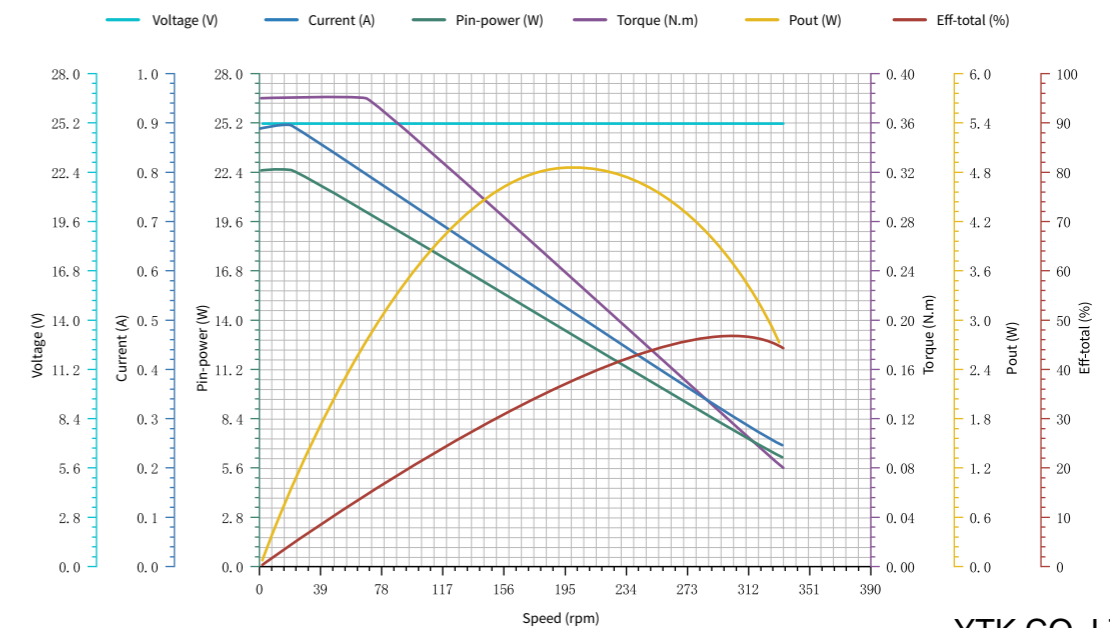
Motor Parameters

Size	mm	φ72.6*20.1	Noise Level	dB	≤45
Rated Voltage	VDC	25.2	Encoder Resolution	bit	12
Rated Power	W	1.5	Communication Protocol	—	UART
Rated Torque	N.m	0.15	Ingress Protection Rating	—	IP64
Stall Torque	N.m	0.3	Insulation Level	—	F
Rated Speed	rpm	100	Insulation Voltage	VAC/Hz	500/50
Unload Velocity	rpm	400	Ambient Temperature	°C	-10~40
Rated Current	A	0.24	Environment Humidity	%	<85
Stall Current	A	1	Storage Temperature	°C	-20~65
Weight	g	218	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



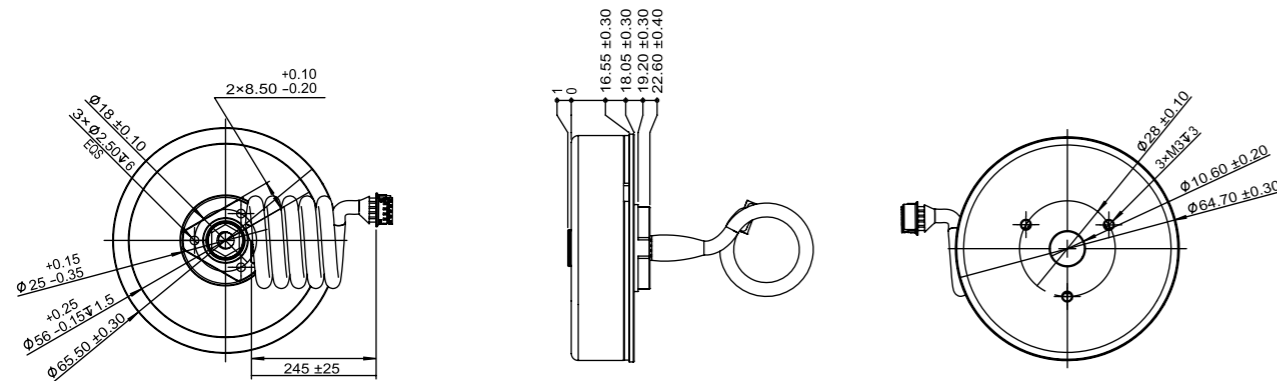
Product model
M0603C_111



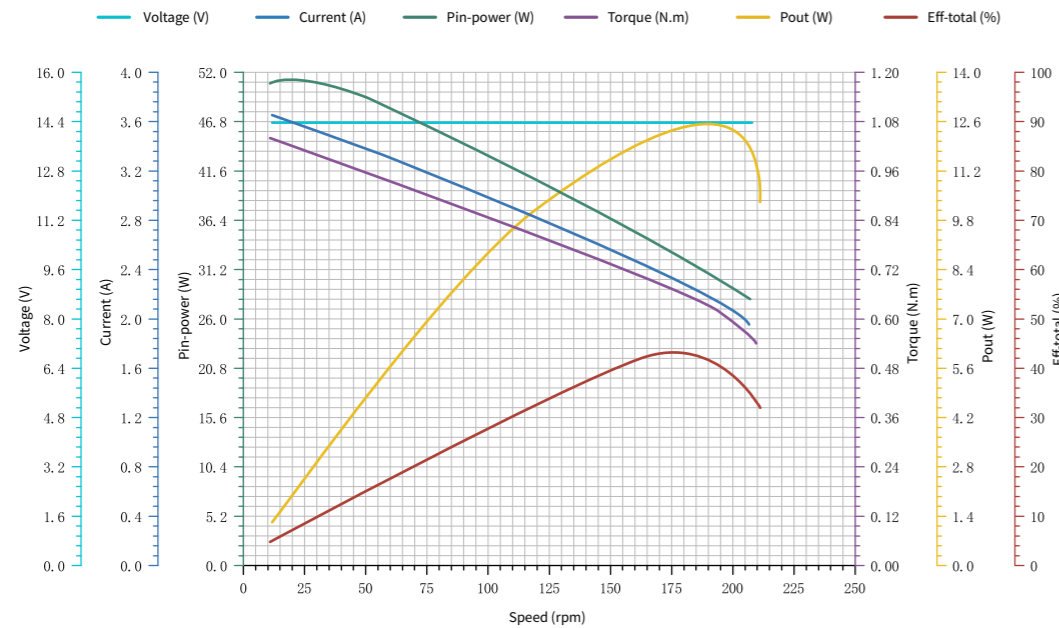
Motor Parameters

Size	mm	φ64.7*18.05	Noise Level	dB	≤40
Rated Voltage	VDC	14.4	Encoder Resolution	bit	12
Rated Power	W	2	Communication Protocol	—	UART
Rated Torque	N.m	0.25	Ingress Protection Rating	—	—
Stall Torque	N.m	0.85	Insulation Level	—	F
Rated Speed	rpm	98	Insulation Voltage	VAC/Hz	500/50
Unload Velocity	rpm	210	Ambient Temperature	°C	-10~40
Rated Current	A	0.9	Environment Humidity	%	<85
Stall Current	A	3.8	Storage Temperature	°C	-20~65
Weight	g	216	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



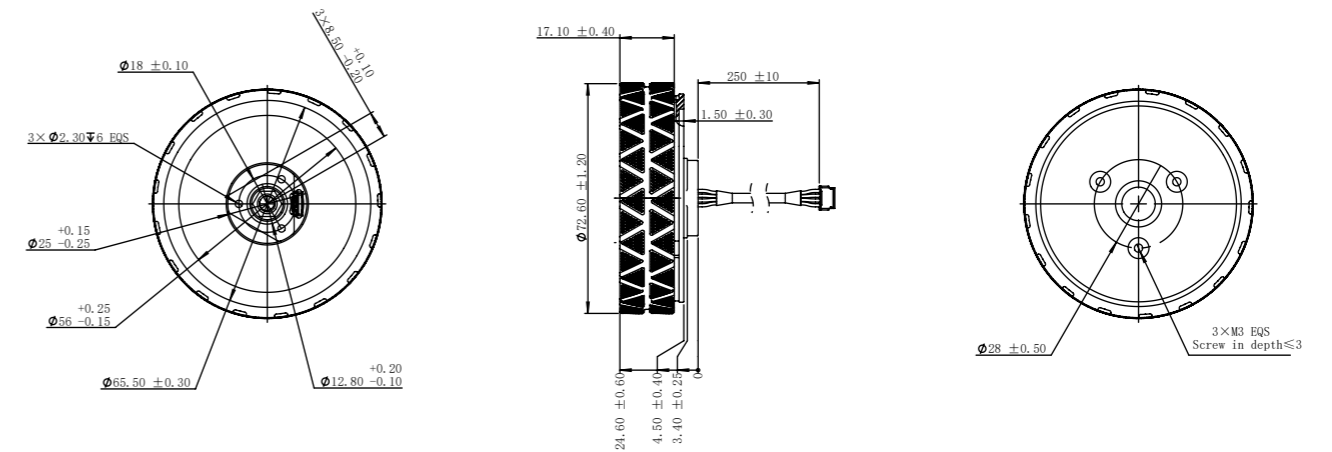
Product model
M0603C_211



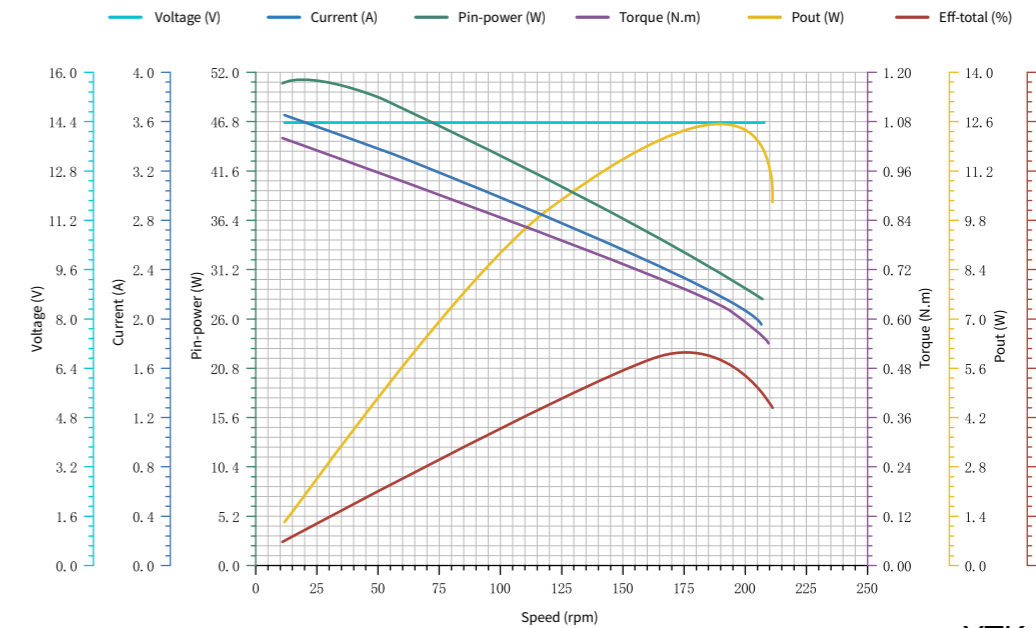
Motor Parameters

Size	mm	φ72.6*20.1	Noise Level	dB	≤40
Rated Voltage	VDC	14.4	Encoder Resolution	bit	12
Rated Power	W	2	Communication Protocol	—	UART
Rated Torque	N.m	0.25	Ingress Protection Rating	—	—
Stall Torque	N.m	0.85	Insulation Level	—	F
Rated Speed	rpm	98	Insulation Voltage	VAC/Hz	500/50
Unload Velocity	rpm	210	Ambient Temperature	°C	-10~40
Rated Current	A	0.9	Environment Humidity	%	<85
Stall Current	A	3.8	Storage Temperature	°C	-20~65
Weight	g	236	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



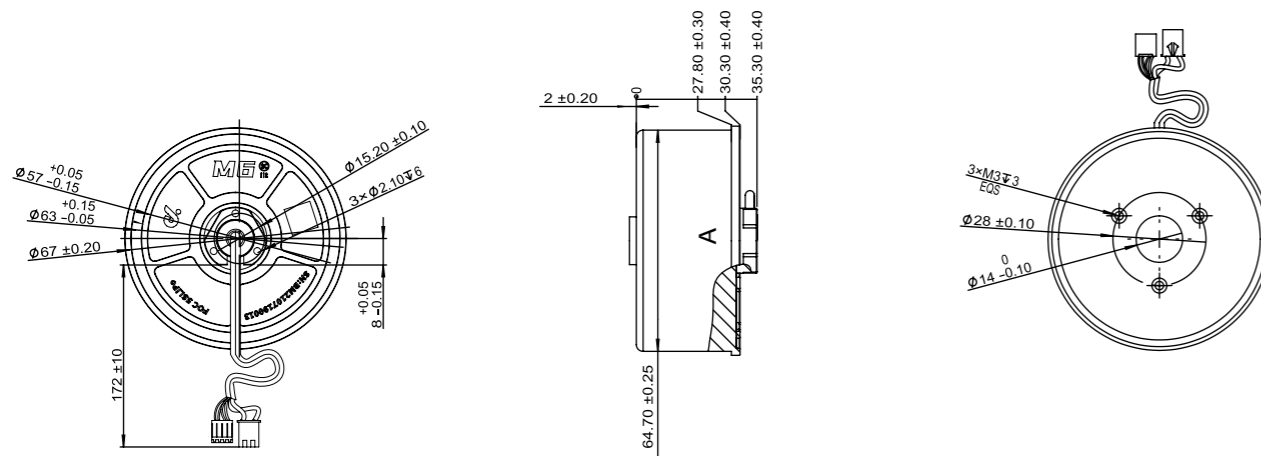
Product model
M0602C_112



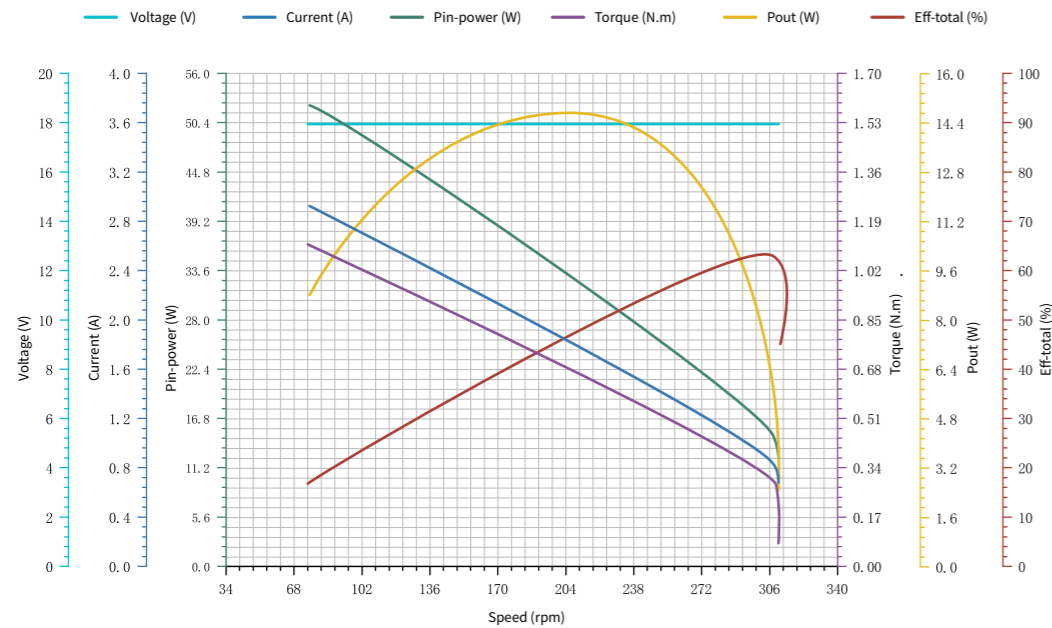
Motor Parameters

Size	mm	φ64.7*30.3	Noise Level	dB	≤50
Rated Voltage	VDC	18	Encoder Resolution	bit	12
Rated Power	W	10	Communication Protocol	—	485
Rated Torque	N.m	0.55	Ingress Protection Rating	—	IP54
Stall Torque	N.m	1.1	Insulation Level	—	B
Rated Speed	rpm	200	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	315	Ambient Temperature	°C	-20~45
Rated Current	A	1.45	Environment Humidity	%	<85
Stall Current	A	3.5	Storage Temperature	°C	-20~65
Weight	g	300	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



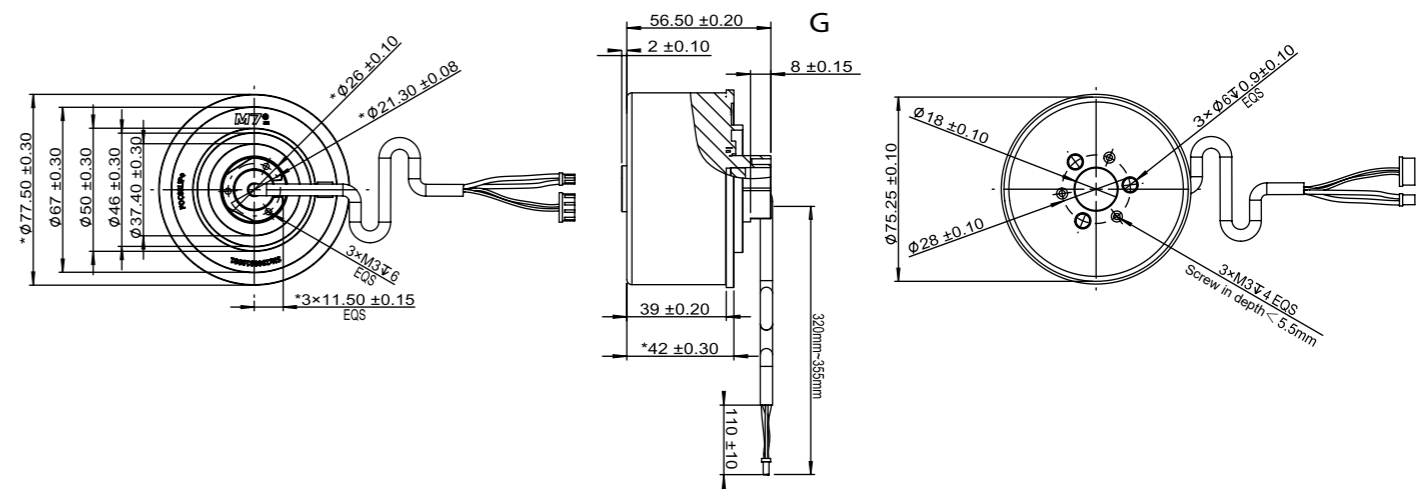
Product model
M0701A_111



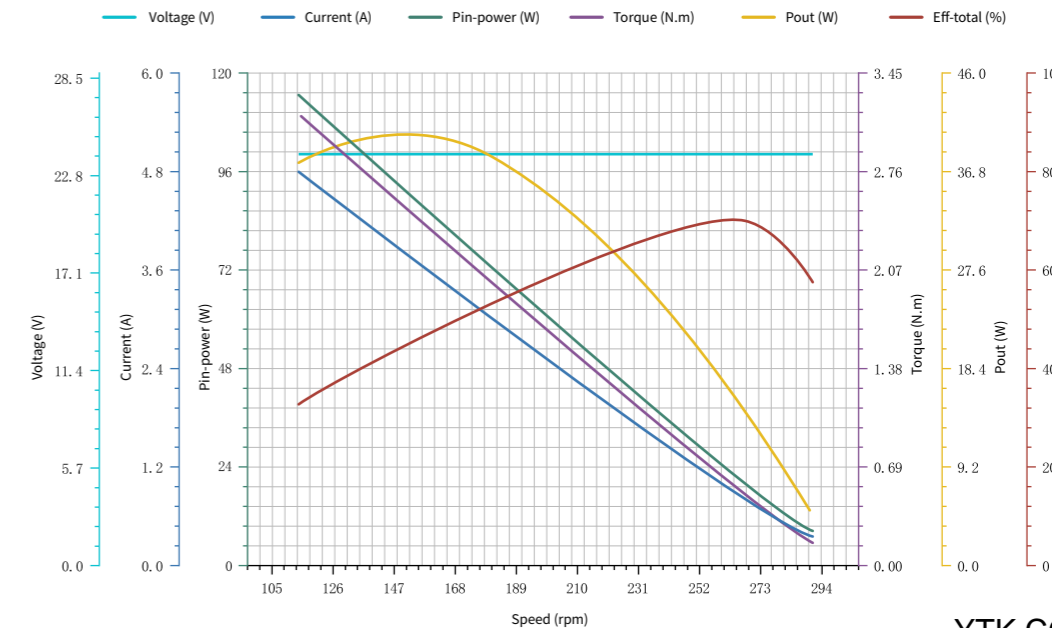
Motor Parameters

Size	mm	φ75.25*42	Noise Level	dB	≤40
Rated Voltage	VDC	24	Encoder Resolution	bit	12
Rated Power	W	25	Communication Protocol	—	485
Rated Torque	N.m	1.2	Ingress Protection Rating	—	IP54
Stall Torque	N.m	4.5	Insulation Level	—	B
Rated Speed	rpm	200	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	300	Ambient Temperature	°C	-20~105
Rated Current	A	1.55	Environment Humidity	%	<85
Stall Current	A	8.5	Storage Temperature	°C	-20~65
Weight	g	730	Storage Humidity	%	<85

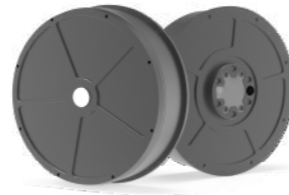
Motor installation interface



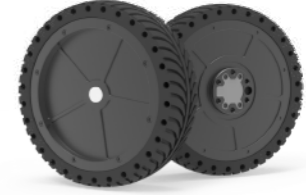
Motor characteristic line chart



Product model
M1502D_133



Product model
M1502D_233



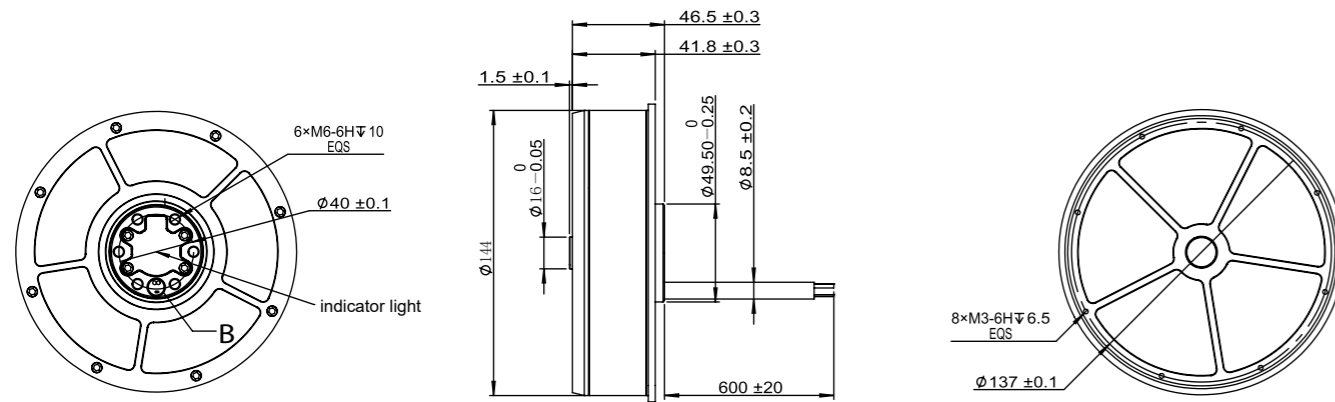
Motor Parameters

Size	mm	φ144*41.83	Noise Level	dB	≤52
Rated Voltage	VDC	24	Encoder Resolution	bit	14
Rated Power	W	110	Communication Protocol	—	CAN
Rated Torque	N.m	9.6 (Duty Cycle S2)	Ingress Protection Rating	—	IP55
Stall Torque	N.m	17	Insulation Level	—	B
Rated Speed	rpm	115	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	200	Ambient Temperature	°C	-20~45
Rated Current	A	11.5	Environment Humidity	%	<85
Stall Current	A	21	Storage Temperature	°C	-20~65
Weight	g	2300	Storage Humidity	%	<85

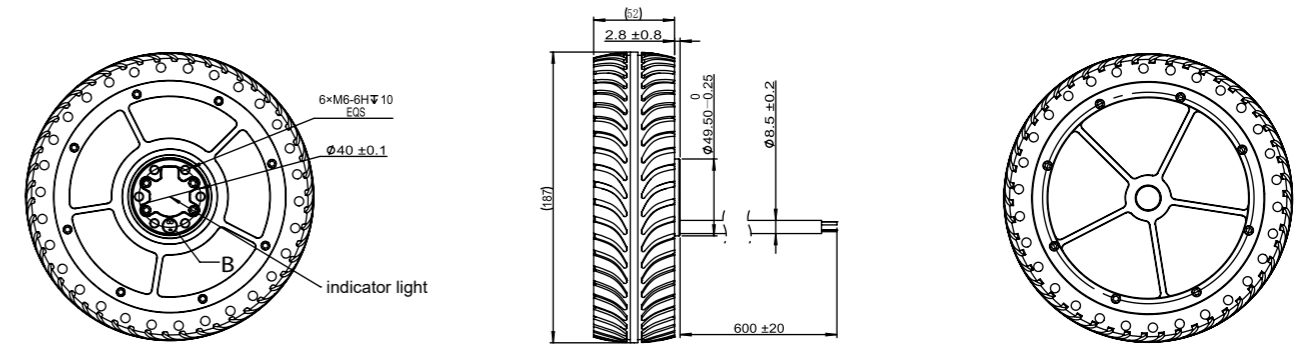
Motor Parameters

Size	mm	φ187*52	Noise Level	dB	≤52
Rated Voltage	VDC	24	Encoder Resolution	bit	14
Rated Power	W	110	Communication Protocol	—	CAN
Rated Torque	N.m	9.6 (Duty Cycle S2)	Ingress Protection Rating	—	IP55
Stall Torque	N.m	17	Insulation Level	—	B
Rated Speed	rpm	115	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	200	Ambient Temperature	°C	-20~45
Rated Current	A	11.5	Environment Humidity	%	<85
Stall Current	A	21	Storage Temperature	°C	-20~65
Weight	g	3000	Storage Humidity	%	<85

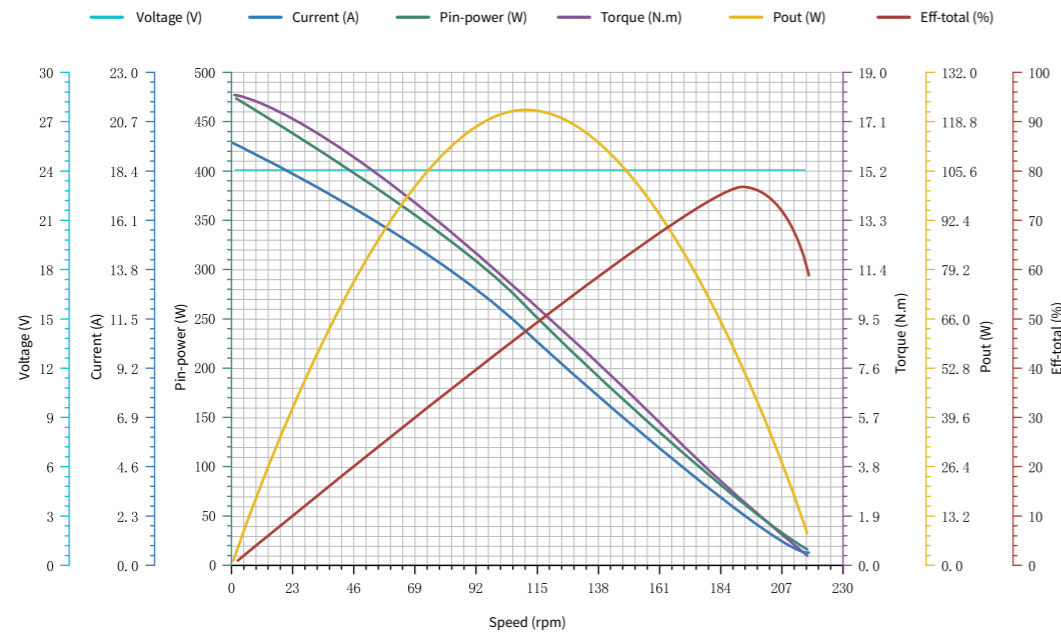
Motor installation interface



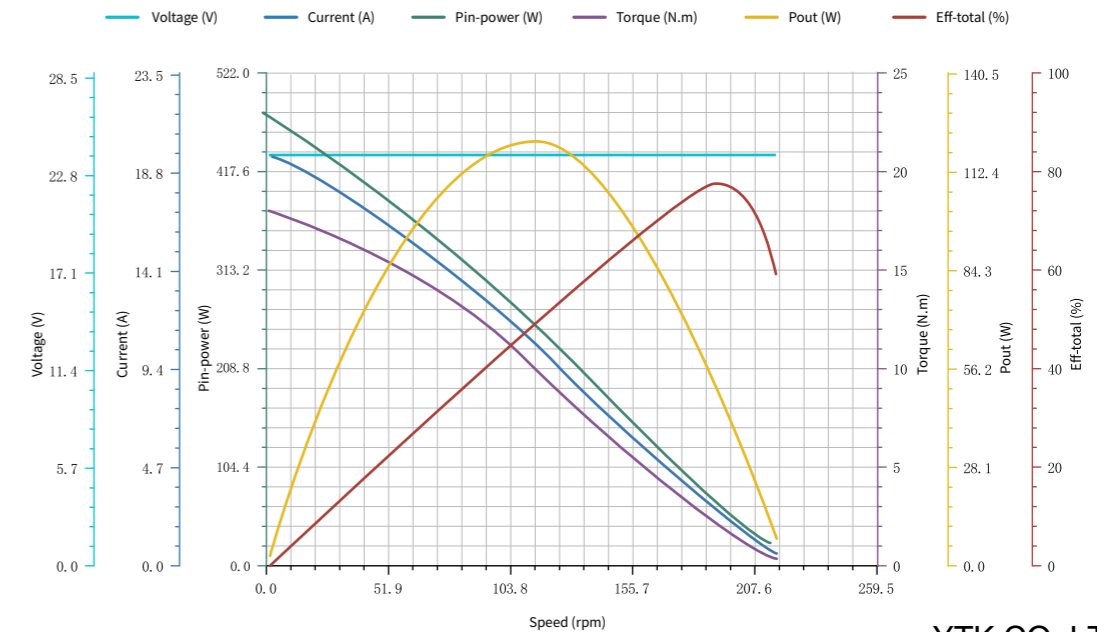
Motor installation interface



Motor characteristic line chart



Motor characteristic line chart



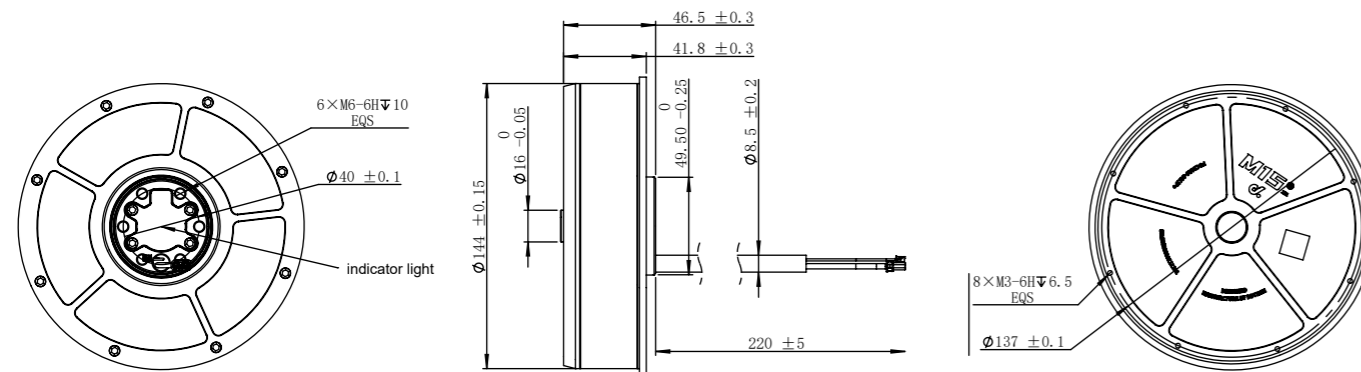
Product model
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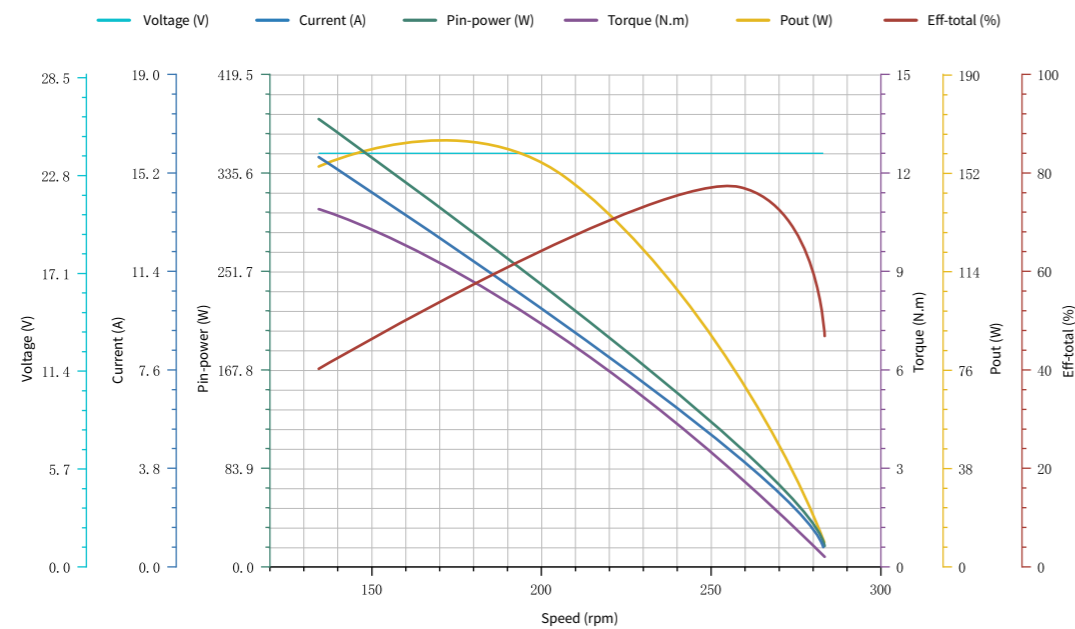
Motor Parameters

Size	mm	φ144*41.83	Noise Level	dB	≤52
Rated Voltage	VDC	24	Encoder Resolution	bit	14
Rated Power	W	20	Communication Protocol	—	CAN
Rated Torque	N.m	2	Ingress Protection Rating	—	IP65
Stall Torque	N.m	10	Insulation Level	—	B
Rated Speed	rpm	95	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	210	Ambient Temperature	°C	-20~45
Rated Current	A	1.5	Environment Humidity	%	<85
Stall Current	A	17	Storage Temperature	°C	-20~65
Weight	g	1860	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



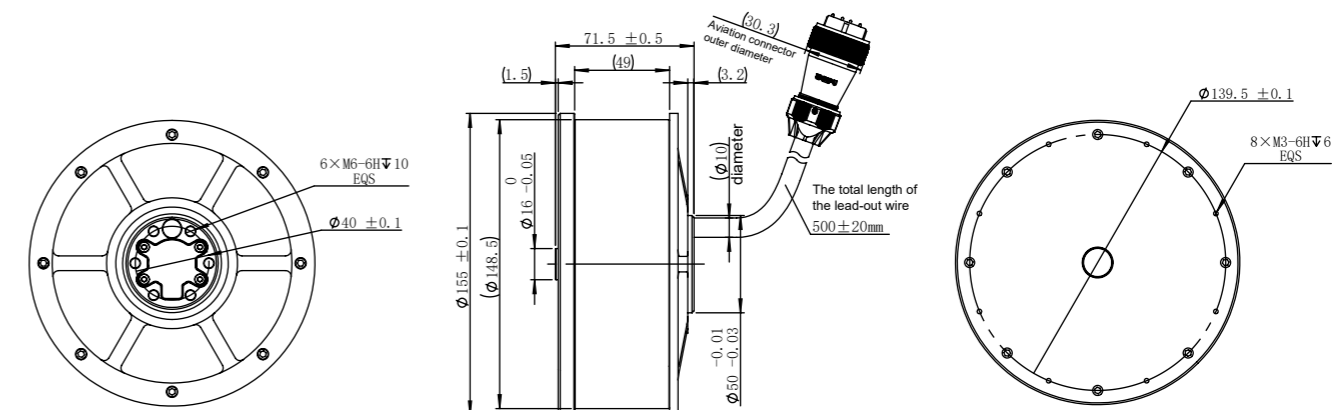
Product model
M1503A_211



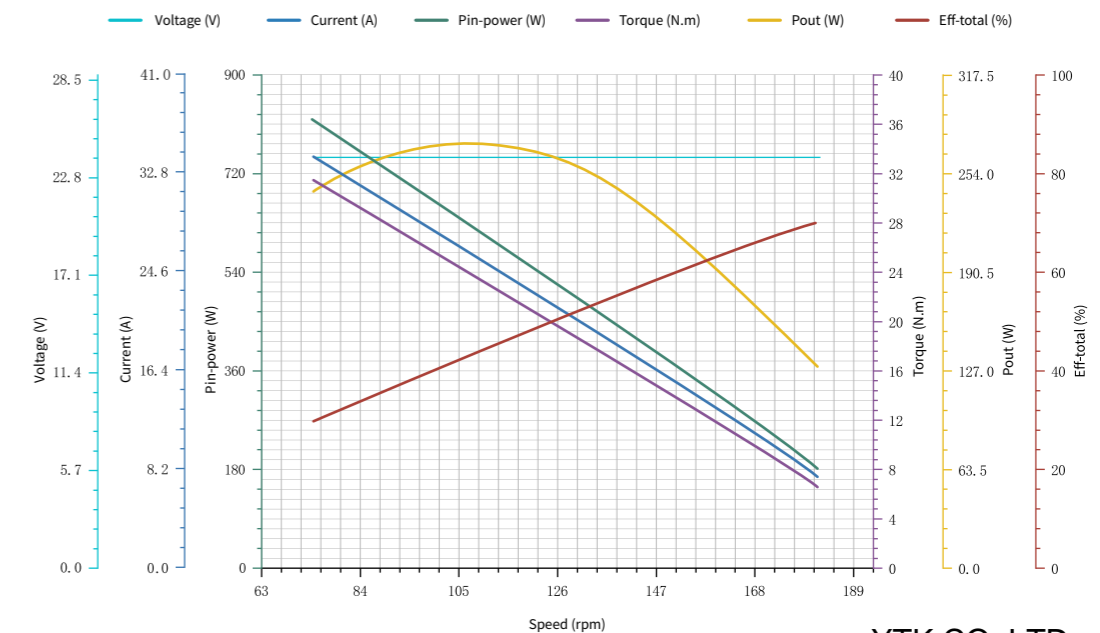
Motor Parameters

Size	mm	φ155*71.5	Noise Level	dB	≤50
Rated Voltage	VDC	24	Encoder Resolution	bit	17
Rated Power	W	150	Communication Protocol	—	CAN
Rated Torque	N.m	10	Ingress Protection Rating	—	IP55
Stall Torque	N.m	30	Insulation Level	—	F
Rated Speed	rpm	150	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	200	Ambient Temperature	°C	-20~40
Rated Current	A	10	Environment Humidity	%	<85
Stall Current	A	30	Storage Temperature	°C	-20~65
Weight	g	4400	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



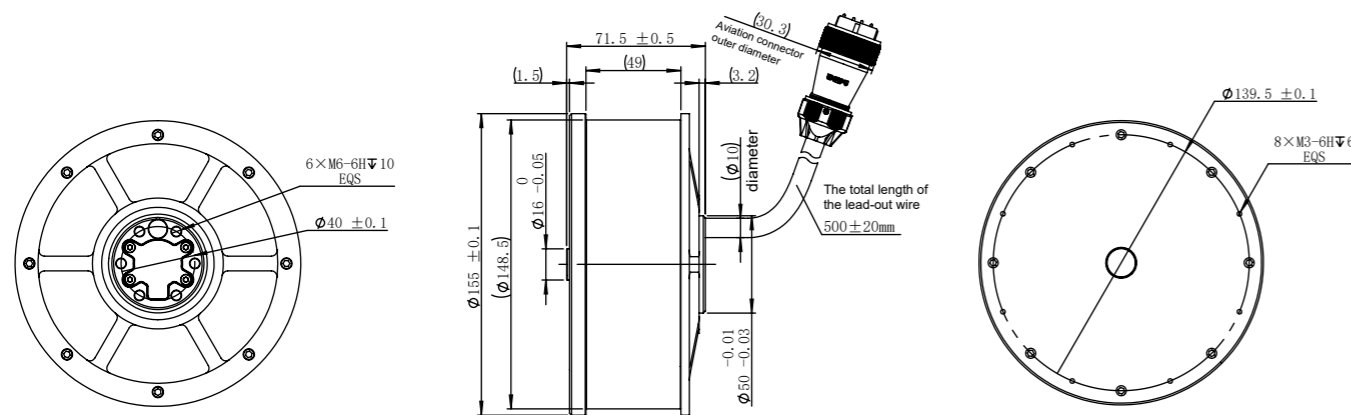
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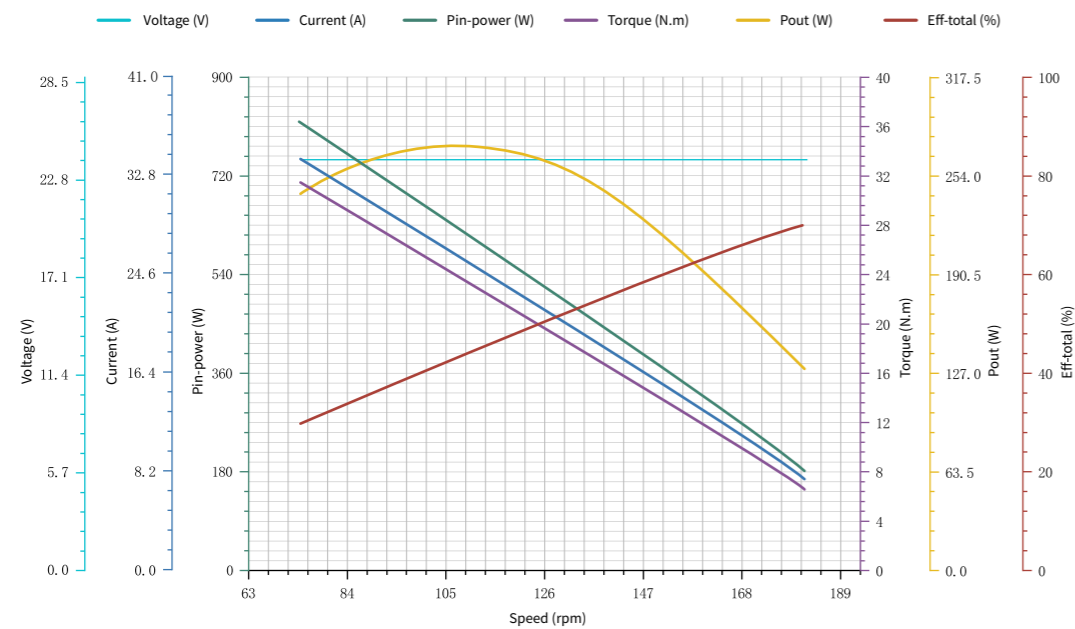
Motor Parameters

Size	mm	φ155*71.5	Noise Level	dB	≤50
Rated Voltage	VDC	24	Encoder Resolution	bit	17
Rated Power	W	150	Communication Protocol	—	CAN
Rated Torque	N.m	10	Ingress Protection Rating	—	IP55
Stall Torque	N.m	30	Insulation Level	—	F
Rated Speed	rpm	150	Insulation Voltage	VAC/Hz	600/50
Unload Velocity	rpm	200	Ambient Temperature	°C	-20~40
Rated Current	A	10	Environment Humidity	%	<85
Stall Current	A	30	Storage Temperature	°C	-20~65
Weight	g	4400	Storage Humidity	%	<85

Motor installation interface



Motor characteristic line chart



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LDROBOT
Move Smarter

GAUSSIAN
ROBOTICS
高仙机器人

AMICRO
—微半导体



欧卡智船
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POSITEC

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SPEEDIANCE

IM BODY

*In no particular order

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