



KECHEN-the best motor manufacturer
优质电机·科辰出品



深圳市科辰微电科技有限公司

Shenzhen Kechen Micro Motor Technology Co., Ltd.

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深圳市科辰微电科技有限公司

Shenzhen Kechen Micro Motor Technology Co., Ltd.



高精度 / 超静音
 High-precision/Ultra-quiet

长寿命 / 大力矩
 Long life/High-torque

低能耗
 Low energy consumption

优质电机·科辰出品 >>

C

ompany profile

公司简介



Shenzhen Kechen Micro Motor Technology Co., Ltd. is located in Shajing and Songgang District, Shenzhen—a prominent global hub for the electric motor manufacturing industry. The company specializes in the development and manufacture of micro and special motors, including DC gear motors, stepper gear motors, and planetary gear motors.

Our products are extensively applied across diverse sectors, including smart home systems, smart office equipment, smart electronic locks, medical devices, new energy applications, AI robotics, unmanned aerial vehicles (UAVs), telecommunications, financial self-service terminals, power tools, security systems, optoelectronic equipment, sanitary wares, personal care and beauty appliances, intelligent toys, and automotive components.

"Precision Motors, Manufactured by Kechen." Since its establishment, the company has adhered to a customer-centric quality policy, dedicated to delivering reliable products and technical services. We are ISO9001 certified, and our products comply with RoHS and EMC standards. Kechen motors feature stable performance, high torque output, low noise operation, optimized energy consumption, and extended operational lifespan. Leveraging our R&D team's decades of engineering experience in the motor drive industry, we continuously upgrade our production lines, testing equipment, and R&D infrastructure. Consequently, our precision drive solutions have earned recognition and adoption from leading domestic and international clients in sectors such as smart homes, smart locks, AI robotics, and medical devices. Our verified client portfolio includes industry leaders such as Intel, TOWNSTEEL, Lenovo, Haier, and Hive Box.

Kechen Motor operates on the core principles of market orientation, quality centring, and reputation-driven development. Utilizing our geographical and supply chain advantages in Shenzhen, we implement rigid cost-control systems to provide highly competitive products that meet specific customer requirements. We welcome new global partners to visit our manufacturing facilities. Kechen is committed to engineering optimized motor drive solutions, ensuring mutual growth and sustainable commercial collaboration.



O

ffice area

办公区域

P

roduction workshop

生产车间



▲ 静音房
Anechoic Chamber



▲ 恒温恒湿机
Constant Temperature and Humidity Chamber



▲ 盐雾试验机
Salt Spray Test Chamber



▲ 自动绕线机
Automatic Winding Machine



▲ 自动压敏焊接机
Automatic Varistor Welding Machine



▲ 自动绕线机
Automatic Riveting Machine



▲ 自动绑合机
Automatic Rotor Assembly Machine



▲ 自动转子机
Automatic Balancing Machine



▲ 二次元
2D Optical Measuring System



▲ 激光打标机
Laser Marking Machine



▲ 自动平衡机
Automatic Balancing Machine



▲ 自动车床机组
Automatic Lathe Fleet

直流减速电机 DC Gear Motor

GM12-N10VA6
 GM12-N20VA7
 GM12-N30VA8
 GM12-N20VA-EN9
 GM1024-N20VA10
 GM13-030PK11
 GM13-050SH12
 GM16-030PK13
 GM16-050SH14
 GM20-130SH15
 GM20-180SH16
 GM25-370CA17
 GM37-3530PM18
 GM37-555PM19
 GMP10-M10VA20
 GMP10-M20VA21
 GMP12-N20VA22

直线步进电机 Linear Stepper Motor

15BY25-7723
 15BY25-9023
 20BY25-03224
 20BY25-04524
 20BY25-06825

Stepper Gear Motor

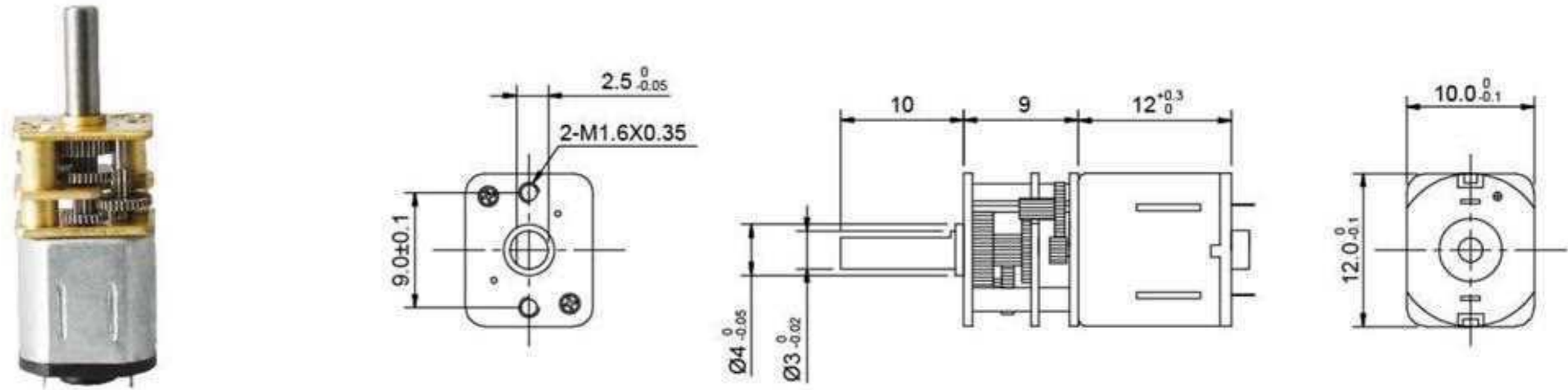
步进减速电机/步进电机 Stepper Motor

GM12-10BY25
 GM12-15BY26
 GM12-15BY26
 GM20-20BY27
 GM1024-10BY27
 25BY26-10028
 25BY212-10028

微型电机 Micro Motor

KC-M10VA29
 KC-M20VA30
 KC-N10VA31
 KC-N20VA32
 KC-N20VA-Z33
 KC-N30VA34
 KC-030PK35
 KC-030PB-Z36
 KC-050SH37
 KC-130SH38
 KC-130SH-Z39
 KC-180SH40
 KC-280SA41
 KC-370CA42

GM12-N10VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N10VA-12110	1.5	14000	75	10500	1.18	220	0.13	4.0	0.56
KFF-N10VA-07280	3.0	11000	25	8300	0.95	70	0.10	4.0	0.18
KFF-N10VA-06350	6.0	18500	21	14500	1.28	70	0.20	5.5	0.30

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM12-N10VA-12110-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9	9	9	9	9	9	9	9	9	12.5
空载转速 No-load speed rpm	1400	467	280	140	93	67	56	47	37	14
额定转速 Rated speed rpm	1050	350	210	105	70	50	42	35	28	11
额定转矩 Rated torque kg.cm	0.01	0.02	0.04	0.07	0.11	0.15	0.18	0.21	0.27	0.71
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.02	0.07	0.12	0.24	0.36	0.50	0.60	0.72	0.91	2.40

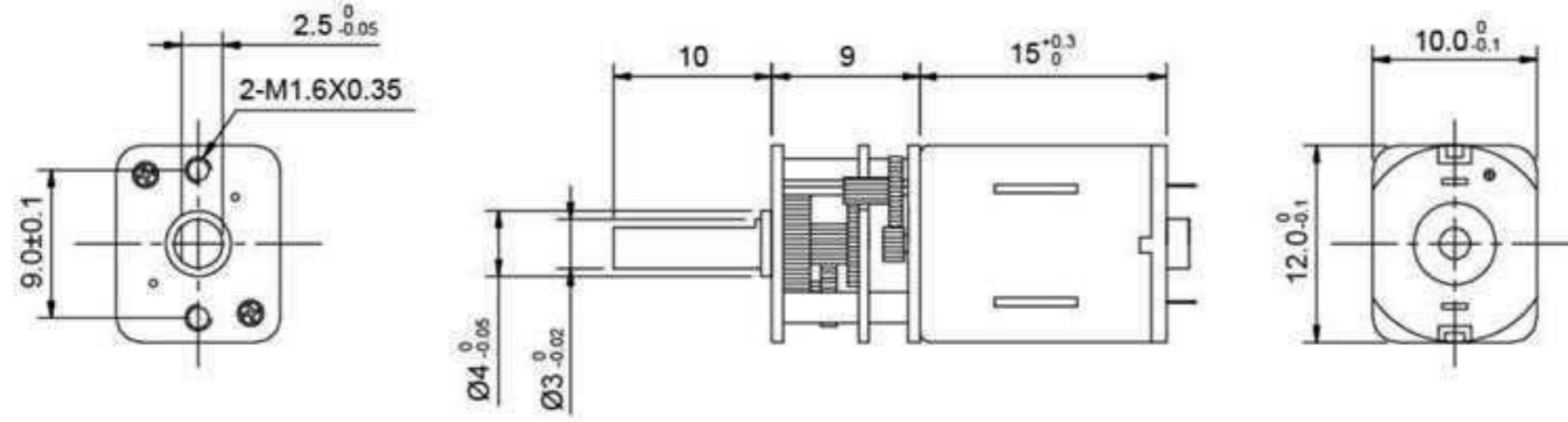
减速电机型号 Gearbox with motor: KS-GM12-N10VA-07280-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9	9	9	9	9	9	9	9	9	12.5
空载转速 No-load speed rpm	1100	367	220	110	73	52	44	37	29	11
额定转速 Rated speed rpm	830	277	166	83	55	40	33	28	22	8
额定转矩 Rated torque kg.cm	0.001	0.002	0.003	0.006	0.009	0.013	0.015	0.018	0.023	0.060
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.02	0.07	0.12	0.24	0.36	0.50	0.60	0.72	0.91	2.40

减速电机型号 Gearbox with motor: KC-GM12-N10VA-06350-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9	9	9	9	9	9	9	9	9	12.5
空载转速 No-load speed rpm	1850	617	370	185	123	88	74	62	49	19
额定转速 Rated speed rpm	1450	483	290	145	97	69	58	49	38	15
额定转矩 Rated torque kg.cm	0.01	0.02	0.03	0.06	0.09	0.12	0.14	0.17	0.22	0.57
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.03	0.10	0.17	0.33	0.50	0.69	0.83	0.98	1.25	3.30

GM12-N20VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N20VA-13110	2.4	14800	60	12000	2.5	200	0.31	13	1.20
KFF-N20VA-09220	5.0	14800	30	12000	2.5	120	0.31	13	0.52
KFF-N20VA-05430	12.0	16000	15	12500	3.0	60	0.35	13	0.25

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM12-N20VA-13110-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12
空载转速 No-load speed rpm	1450	470	285	145	96	69	58	50	38	14.5
额定转速 Rated speed rpm	1200	400	240	120	80	57	48	40	31	12
额定转矩 Rated torque kg.cm	0.015	0.05	0.07	0.15	0.22	0.31	0.37	0.45	0.5	1
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.08	0.23	0.4	0.8	1.1	1.5	1.6	1.9	2.5	3

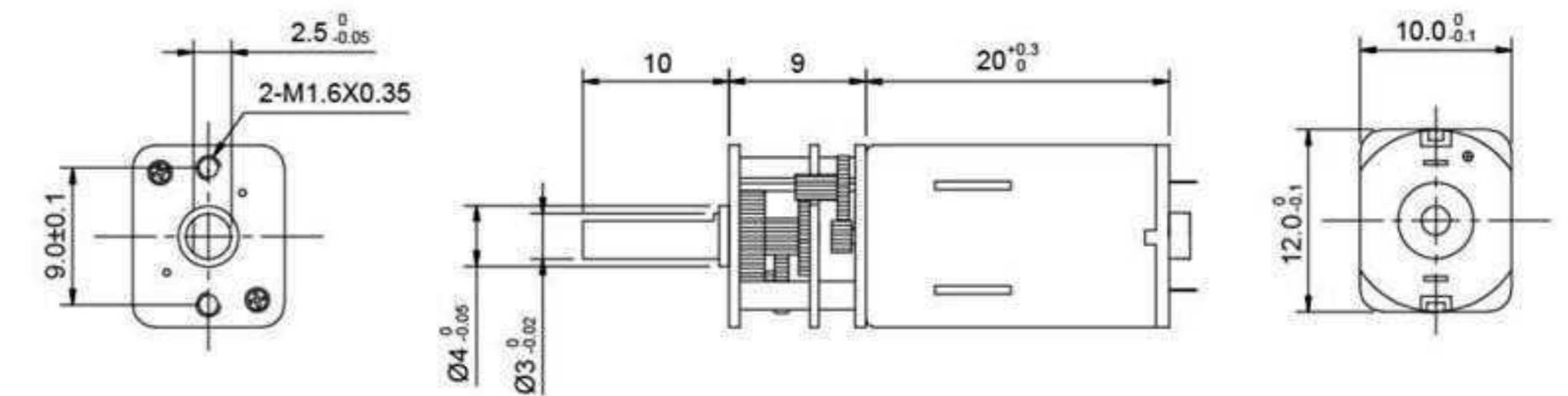
减速电机型号 Gearbox with motor: KC-GM12-N20VA-09220-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12
空载转速 No-load speed rpm	1450	470	285	145	96	69	58	50	38	14.5
额定转速 Rated speed rpm	1200	400	240	120	80	57	48	40	31	12
额定转矩 Rated torque kg.cm	0.015	0.05	0.07	0.15	0.22	0.31	0.37	0.45	0.5	1
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.08	0.23	0.4	0.8	1.1	1.5	1.6	1.9	2.5	3

减速电机型号 Gearbox with motor: KC-GM12-N20VA-05430-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12
空载转速 No-load speed rpm	1550	530	310	160	110	78	60	55	43	16
额定转速 Rated speed rpm	1100	400	250	125	83	60	50	42	33	13
额定转矩 Rated torque kg.cm	0.02	0.05	0.08	0.18	0.27	0.37	0.45	0.5	0.5	1.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.1	0.2	0.4	0.8	1.1	1.5	1.6	1.9	2.5	3.0

GM12-N30VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N30VA-09210	2.5	5200	20	4050	2.0	60	0.10	8.5	0.25
KFF-N30VA-09190	6.0	12500	25	10700	3.0	95	0.35	18	0.50

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM12-N30VA-09210-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9	9	9	9	9	9	9	9	9	12
空载转速 No-load speed rpm	500	165	100	50	33	23	20	17	13	5
额定转速 Rated speed rpm	405	135	80	40	27	19	16	13	10	4
额定转矩 Rated torque kg.cm	0.012	0.035	0.06	0.12	0.18	0.25	0.3	0.35	0.45	0.8
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.16	0.25	0.5	0.8	1.0	1.1	1.3	1.6	3

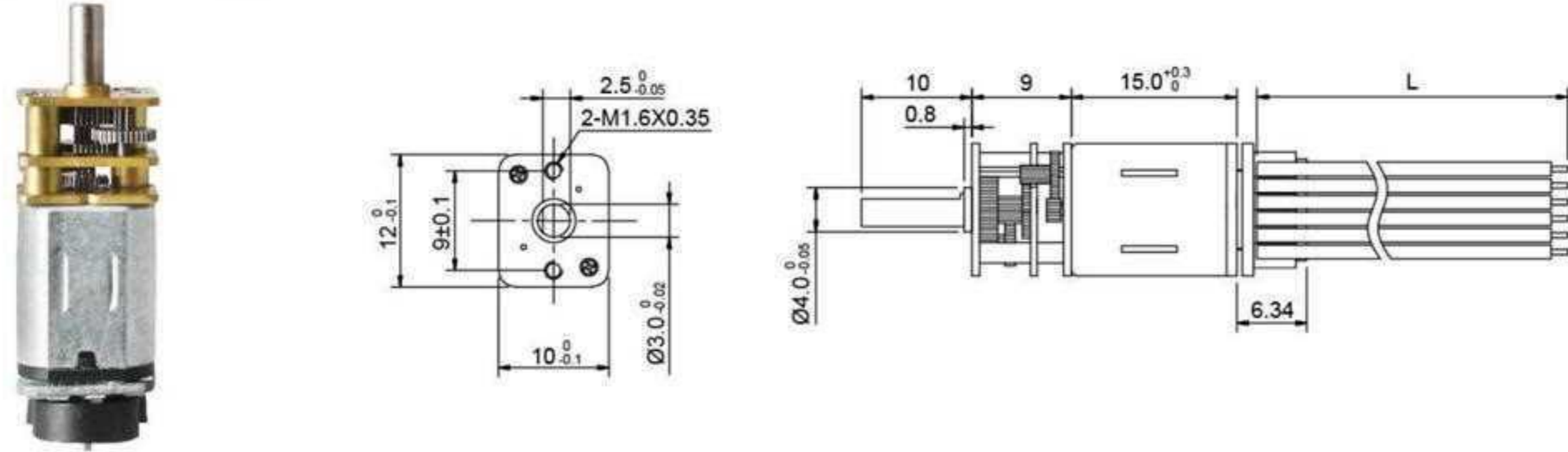
减速电机型号 Gearbox with motor: KC-GM12-N30VA-09190-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9	9	9	9	9	9	9	9	9	12
空载转速 No-load speed rpm	1200	410	245	120	82	60	50	42	33	12.5
额定转速 Rated speed rpm	1070	355	210	105	70	50	42	36	28	11
额定转矩 Rated torque kg.cm	0.024	0.06	0.09	0.18	0.25	0.35	0.38	0.45	0.5	1.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.14	0.38	0.5	1.1	1.5	2.1	2.2	2.5	2.5	3

减速电机型号 Gearbox with motor

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9	9	9	9	9	9	9	9	9	12
空载转速 No-load speed rpm										
额定转速 Rated speed rpm										
额定转矩 Rated torque kg.cm										
瞬间允许转矩 Max.momentary tolerance torque kg.cm										

GM12-N20VA-EN



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N20VA-13110	2.4	14800	60	12000	2.5	200	0.31	13	1.20
KFF-N20VA-09220	5.0	14800	30	12000	2.5	120	0.31	13	0.52
KFF-N20VA-05430	12.0	16000	15	12500	3.0	60	0.35	13	0.25

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM12-N20VA-13110-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12
空载转速 No-load speed rpm	450	470	285	145	96	69	58	50	38	14.5
额定转速 Rated speed rpm	1200	400	240	120	80	57	48	40	31	12
额定转矩 Rated torque kg.cm	0.015	0.05	0.07	0.15	0.22	0.31	0.37	0.45	0.5	1
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.08	0.23	0.4	0.8	1.1	1.5	1.6	1.9	2.5	3

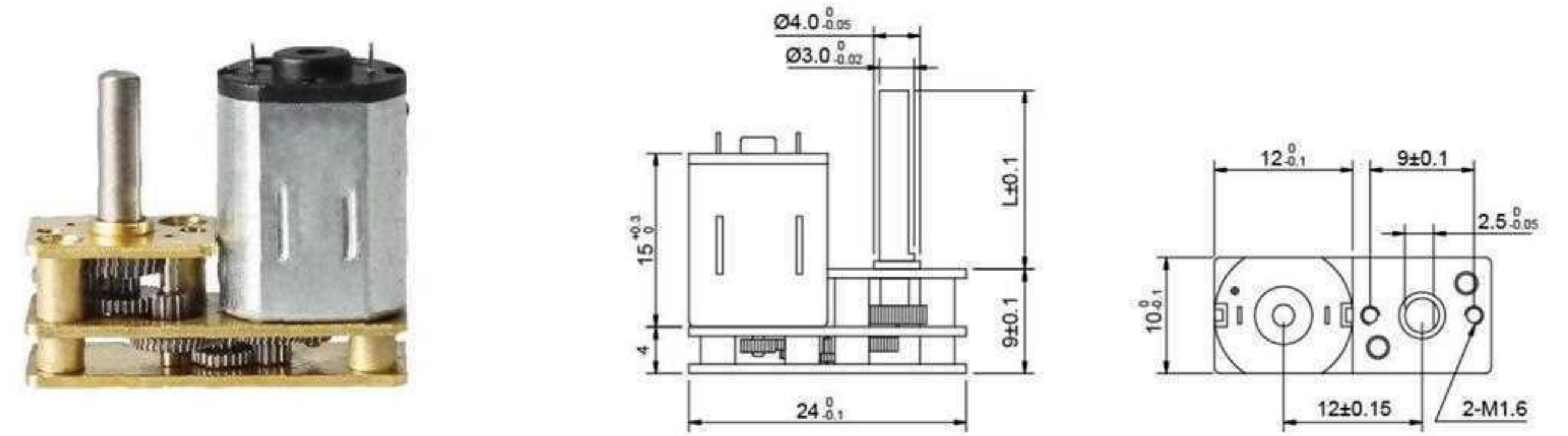
减速电机型号 Gearbox with motor: KC-GM12-N20VA-09220-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12
空载转速 No-load speed rpm	1450	470	285	145	96	69	58	50	38	14.5
额定转速 Rated speed rpm	1200	400	240	120	80	57	48	40	31	12
额定转矩 Rated torque kg.cm	0.015	0.05	0.07	0.15	0.22	0.31	0.37	0.45	0.5	1
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.08	0.23	0.4	0.8	1.1	1.5	1.6	1.9	2.5	3

减速电机型号 Gearbox with motor: KC-GM12-N20VA-05430-XXX

减速比 Reduction ratio	10	30	50	100	150	210	250	298	380	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	12
空载转速 No-load speed rpm	1550	530	310	160	110	78	60	55	43	16
额定转速 Rated speed rpm	1100	400	250	125	80	60	50	42	33	13
额定转矩 Rated torque kg.cm	0.02	0.05	0.08	0.18	0.27	0.37	0.45	0.5	0.5	1.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.1	0.2	0.4	0.8	1.1	1.5	1.6	1.9	2.5	3.0

GM1024-N20VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N20VA-13110	2.4	14800	60	12000	2.5	200	0.31	13	1.20
KFF-N20VA-09220	5.0	14800	30	12000	2.5	120	0.31	13	0.52
KFF-N20VA-05430	12.0	16000	15	12500	3.0	60	0.35	13	0.25

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM1024-N20VA-13110-XXX

减速比 Reduction ratio	50	110	168	210	250	293	350	380	500	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
空载转速 No-load speed rpm	296	135	88	70	59	51	42	39	30	15
额定转速 Rated speed rpm	240	109	71	57	48	41	34	32	24	12
额定转矩 Rated torque kg.cm	0.08	0.17	0.25	0.32	0.38	0.44	0.53	0.57	0.75	1.50
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.39	0.86	1.31	1.64	1.95	2.29	2.73	2.96	3.90	7.80

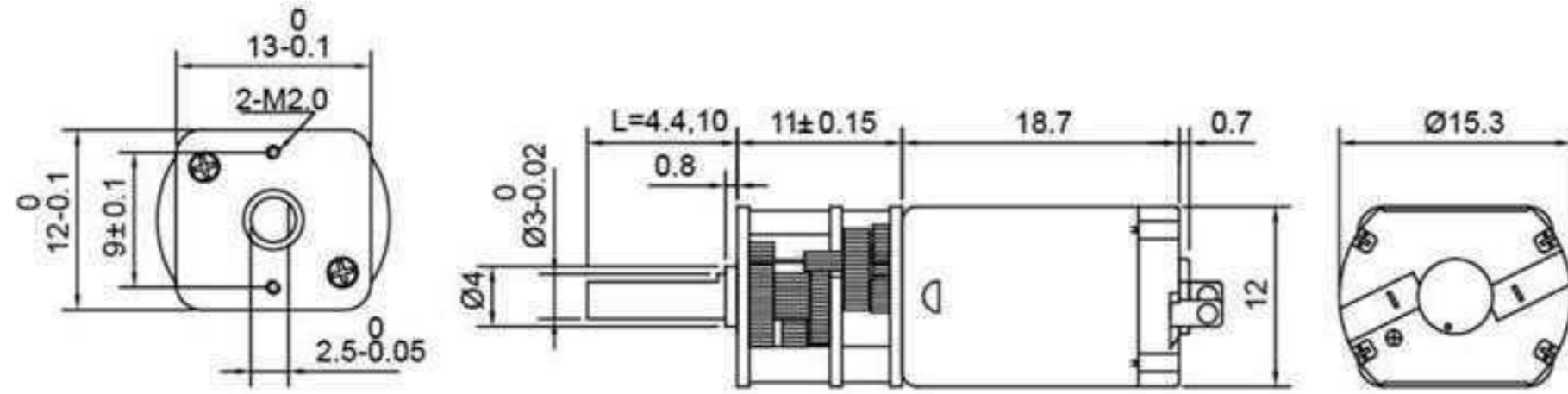
减速电机型号 Gearbox with motor: KC-GM1024-N20VA-09220-XXX

减速比 Reduction ratio	50	110	168	210	250	293	350	380	500	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
空载转速 No-load speed rpm	296	135	88	70	59	51	42	39	30	15
额定转速 Rated speed rpm	240	109	71	57	48	41	34	32	24	12
额定转矩 Rated torque kg.cm	0.08	0.17	0.25	0.32	0.38	0.44	0.53	0.57	0.75	1.50
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.39	0.86	1.31	1.64	1.95	2.29	2.73	2.96	3.90	7.80

减速电机型号 Gearbox with motor: KC-GM1024-N20VA-05430-XXX

减速比 Reduction ratio	50	110	168	210	250	293	350	380	500	1000
减速器长度 Length mm	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
空载转速 No-load speed rpm	320	145	95	76	64	55	46	42	32	16
额定转速 Rated speed rpm	250	114	74	60	50	43	36	33	25	13
额定转矩 Rated torque kg.cm	0.09	0.20	0.30	0.38	0.45	0.53	0.63	0.68	0.90	1.80
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.39	0.86	1.31	1.64	1.95	2.29	2.73	2.96	3.90	7.80

GM13-030PK



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-030PK-09220	6.0	11500	35	9000	5.0	140	0.45	23	0.60
KFF-030PK-10180	5.0	11500	45	9000	5.0	200	0.45	23	0.75
KFF-030PK-06400	12.0	12500	20	9750	5.0	75	0.50	23	0.27

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM13-030PK-09220-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	3600	1100	550	310	175	130	96	73	44	30
额定转速 Rated speed rpm	3000	900	450	260	140	105	78	60	38	28
额定转矩 Rated torque kg.cm	0.01	0.03	0.06	0.1	0.19	0.26	0.35	0.45	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.14	0.28	0.48	0.9	1.2	1.6	1.9	2.9	3

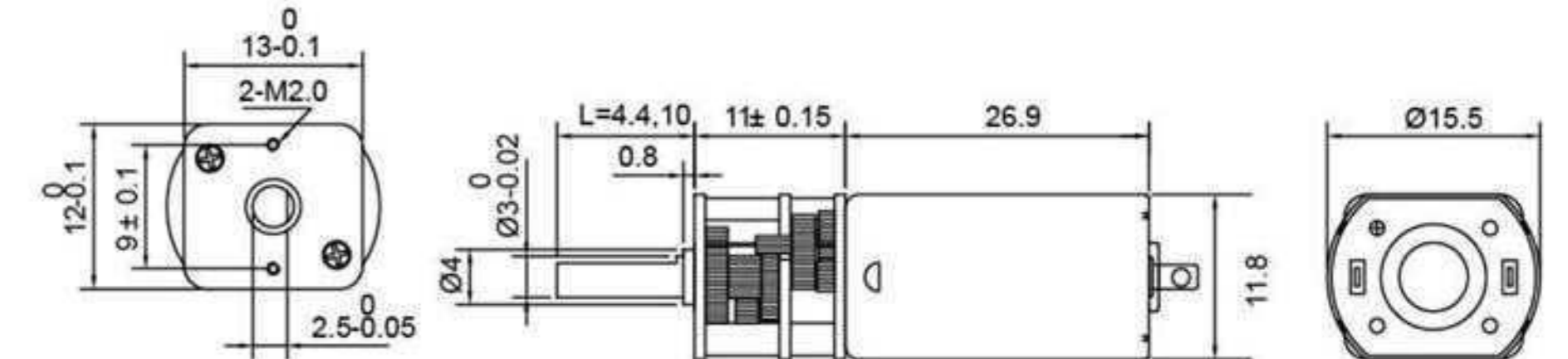
减速电机型号 Gearbox with motor: KC-GM13-030PK-10180-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	3600	1100	550	310	175	130	96	73	44	30
额定转速 Rated speed rpm	3000	900	450	260	140	105	78	60	38	28
额定转矩 Rated torque kg.cm	0.01	0.03	0.06	0.1	0.19	0.26	0.35	0.45	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.14	0.28	0.48	0.9	1.2	1.6	1.9	2.9	3

减速电机型号 Gearbox with motor: KC-GM13-030PK-06400-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	4000	1200	610	350	195	140	105	83	50	35
额定转速 Rated speed rpm	3250	975	485	280	155	110	85	65	41	30
额定转矩 Rated torque kg.cm	0.01	0.03	0.06	0.1	0.19	0.26	0.35	0.45	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.14	0.28	0.48	0.9	1.2	1.6	1.9	2.9	3

GM13-050SH



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-050SH-13120	6.0	12500	45	10000	10.0	255	1.03	50	1.30
KFF-050SH-07360	12.0	8000	30	5700	10.0	110	0.60	33	0.29
KFF-050SH-08240	12.0	12800	35	9500	10.0	150	0.99	43	0.55

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM13-050SH-13120-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	4000	1200	600	340	190	140	105	80	50	35
额定转速 Rated speed rpm	3300	1000	500	285	158	116	92	73	46	33
额定转矩 Rated torque kg.cm	0.024	0.08	0.14	0.25	0.44	0.5	0.5	0.5	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.12	0.4	0.70	1.1	1.9	2.6	3	3	3	3

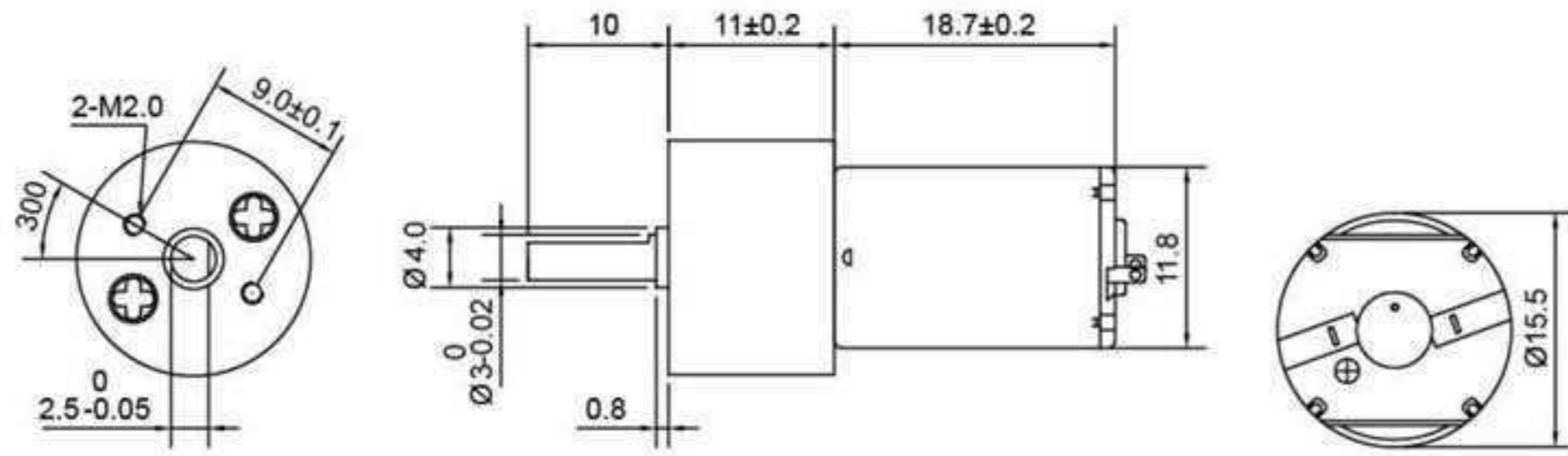
减速电机型号 Gearbox with motor: KC-GM13-050SH-07360-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	2500	750	380	220	120	90	68	52	32	22
额定转速 Rated speed rpm	1900	570	285	160	90	65	53	43	28	20
额定转矩 Rated torque kg.cm	0.024	0.08	0.14	0.25	0.44	0.5	0.5	0.5	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.08	0.26	0.46	0.7	1.2	1.7	2.1	2.7	3	3

减速电机型号 Gearbox with motor: KC-GM13-050SH-08240-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	4100	1230	620	350	200	145	110	85	50	36
额定转速 Rated speed rpm	3150	950	475	270	150	110	82	73	46	33
额定转矩 Rated torque kg.cm	0.024	0.08	0.14	0.25	0.44	0.5	0.5	0.5	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.1	0.34	0.6	0.9	1.6	2.2	2.7	3	3	3

GM16-030PK



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-030PK-09220	6.0	11500	35	9000	5.0	140	0.45	23	0.60
KFF-030PK-10180	5.0	11500	45	9000	5.0	200	0.45	23	0.75
KFF-030PK-06400	12.0	12500	20	9750	5.0	75	0.50	23	0.27

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM16-030PK-09220-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	3600	1100	550	310	175	130	96	73	44	30
额定转速 Rated speed rpm	3000	900	450	260	140	105	78	60	38	28
额定转矩 Rated torque kg.cm	0.01	0.03	0.06	0.1	0.19	0.26	0.35	0.45	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.14	0.28	0.48	0.9	1.2	1.6	1.9	2.9	3.0

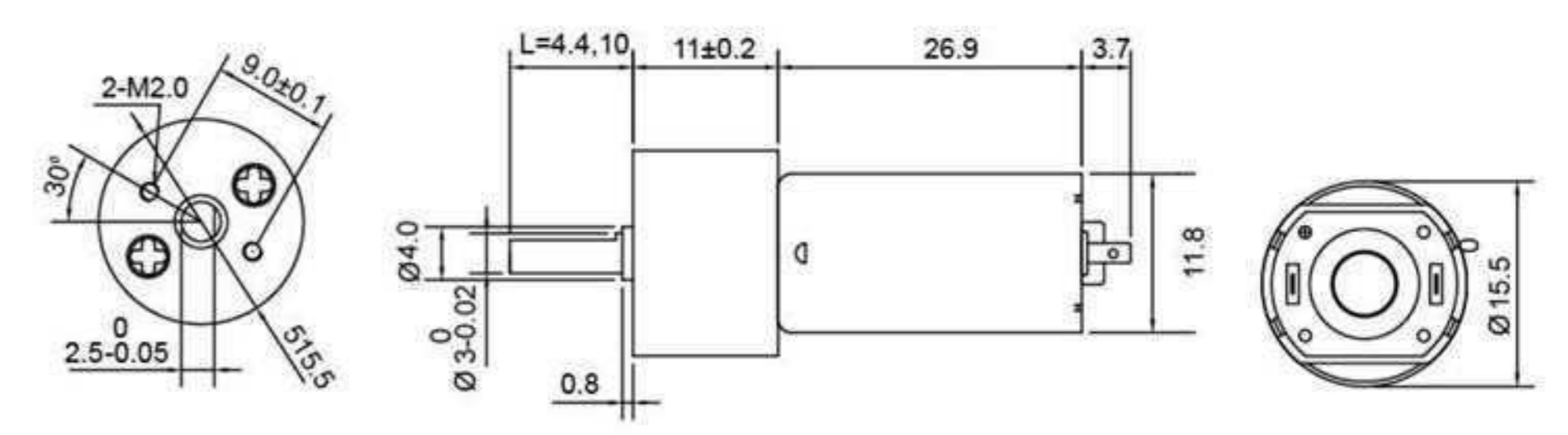
减速电机型号 Gearbox with motor: KC-GM16-030PK-10180-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	3600	1100	550	310	175	130	96	73	44	30
额定转速 Rated speed rpm	3000	900	450	260	140	105	78	60	38	28
额定转矩 Rated torque kg.cm	0.01	0.03	0.06	0.1	0.19	0.26	0.35	0.45	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.14	0.28	0.48	0.9	1.2	1.6	1.9	2.9	3

减速电机型号 Gearbox with motor: KC-GM16-030PK-06400-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	4000	1200	610	350	195	140	105	83	50	35
额定转速 Rated speed rpm	3250	975	485	280	155	110	85	65	41	30
额定转矩 Rated torque kg.cm	0.01	0.03	0.06	0.1	0.19	0.26	0.35	0.45	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.05	0.14	0.28	0.48	0.9	1.2	1.6	1.9	2.9	3

GM16-050SH



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-050SH-13120	6.0	12500	45	10000	10.0	255	1.03	50	1.30
KFF-050SH-07360	12.0	8000	30	5700	10.0	110	0.60	33	0.29
KFF-050SH-08240	12.0	12800	35	9500	10.0	150	0.99	43	0.55

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM16-050SH-13120-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	4000	1200	600	340	190	140	105	80	50	35
额定转速 Rated speed rpm	3300	1000	500	285	158	116	92	73	46	33
额定转矩 Rated torque kg.cm	0.024	0.08	0.14	0.25	0.44	0.5	0.5	0.5	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.12	0.4	0.70	1.1	1.9	2.6	3.0	3.0	3.0	3.0

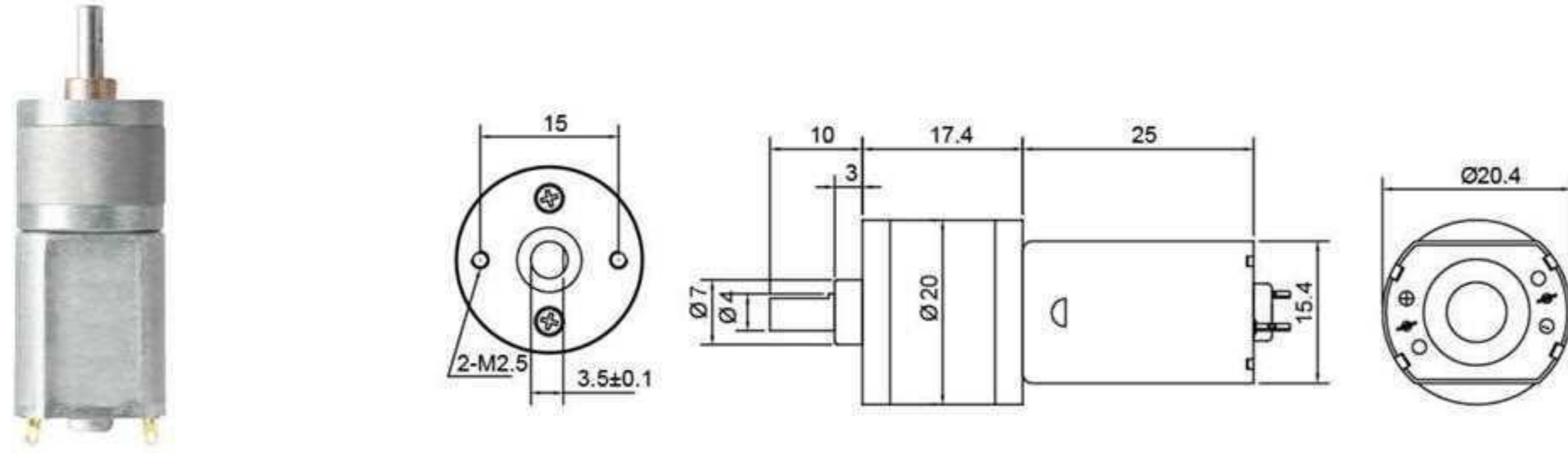
减速电机型号 Gearbox with motor: KC-GM16-050SH-07360-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	2500	750	380	220	120	90	68	52	32	22
额定转速 Rated speed rpm	1900	570	285	160	90	65	53	43	28	20
额定转矩 Rated torque kg.cm	0.024	0.08	0.14	0.25	0.44	0.5	0.5	0.5	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.08	0.26	0.46	0.7	1.2	1.7	2.1	2.7	3.0	3.0

减速电机型号 Gearbox with motor: KC-GM16-050SH-08240-XXX

减速比 Reduction ratio	3	10	20	35	63	86	115	150	250	360
减速器长度 Length mm	11	11	11	11	11	11	11	11	11	11
空载转速 No-load speed rpm	4100	1230	620	350	200	145	110	85	50	36
额定转速 Rated speed rpm	3150	950	475	270	150	110	82	73	46	33
额定转矩 Rated torque kg.cm	0.024	0.08	0.14	0.25	0.44	0.5	0.5	0.5	0.5	0.5
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.1	0.34	0.6	0.9	1.6	2.2	2.7	3.0	3.0	3.0

GM20-130SH



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-130SH-14230	6.0	7200	50	5600	15.0	255	0.87	65	1.10
KFF-130SH-11340	6.0	4800	30	3600	10.0	140	0.38	43	0.50
KFF-130SH-11370	12.0	8800	40	6900	15.0	170	1.10	70	0.70

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM20-130SH-14230-XXX

减速比 Reduction ratio	29	31	56	73	107	182	268	349	456	488
减速器长度 Length mm	15.9	15.9	17.4	17.4	18.9	18.9	20.4	20.4	20.4	20.4
空载转速 No-load speed rpm	240	220	120	95	65	40	27	21	16	15
额定转速 Rated speed rpm	190	180	100	76	52	31	21	16	13	12
额定转矩 Rated torque kg.cm	0.3	0.3	0.5	0.7	0.9	1.5	2.0	2.6	3.0	3.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.3	1.4	2.20	2.8	3.8	5.0	5.0	5.0	5.0	5.0

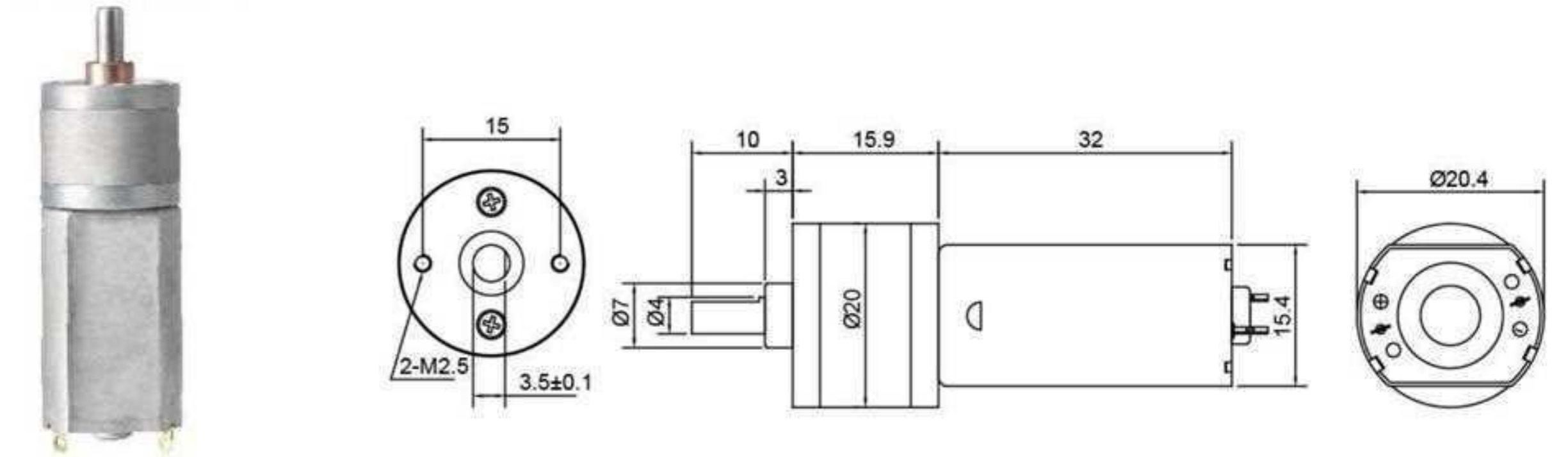
减速电机型号 Gearbox with motor: KC-GM20-130SH-11340-XXX

减速比 Reduction ratio	29	31	56	73	107	182	268	349	456	488
减速器长度 Length mm	15.9	15.9	17.4	17.4	18.9	18.9	20.4	20.4	20.4	20.4
空载转速 No-load speed rpm	155	145	80	62	42	25	17	13	10	9.2
额定转速 Rated speed rpm	131	123	68	52	36	21	14	11	8.3	7.8
额定转矩 Rated torque kg.cm	0.14	0.16	0.3	0.4	0.5	0.9	1.3	1.5	1.9	2.1
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.75	0.8	1.4	1.9	2.7	4	5.0	5.0	5.0	5.0

减速电机型号 Gearbox with motor: KC-GM20-130SH-11370-XXX

减速比 Reduction ratio	29	31	56	73	107	182	268	349	456	488
减速器长度 Length mm	15.9	15.9	17.4	17.4	18.9	18.9	20.4	20.4	20.4	20.4
空载转速 No-load speed rpm	290	270	150	115	80	48	33	25	19	18
额定转速 Rated speed rpm	235	220	120	95	65	38	26	20	16	15
额定转矩 Rated torque kg.cm	0.3	0.3	0.5	0.7	0.9	1.5	2.0	2.6	3.0	3.00
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.4	1.5	2.3	3.1	4.1	5.0	5.0	5.0	5.0	5.0

GM20-180SH



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-180SH-09450	12.0	4400	25	3500	13.0	90	0.50	60	0.35
KFF-180SH-18140	6.0	7000	90	5300	20.0	450	1.10	85	1.90
KFF-180SH-10400	24.0	10200	30	8700	20.0	140	1.80	155	0.85

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM20-180SH-09450-XXX

减速比 Reduction ratio	29	31	56	73	107	182	268	349	456	488
减速器长度 Length mm	15.9	15.9	17.4	17.4	18.9	18.9	20.4	20.4	20.4	20.4
空载转速 No-load speed rpm	145	135	75	57	39	23	16	12	9	9
额定转速 Rated speed rpm	120	113	62	48	33	19	13	10	8	8
额定转矩 Rated torque kg.cm	0.23	0.24	0.44	0.6	0.8	1.4	1.9	2.3	3.0	3.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.0	1.1	2.0	2.6	3.8	5.0	5.0	5.0	5.0	5.0

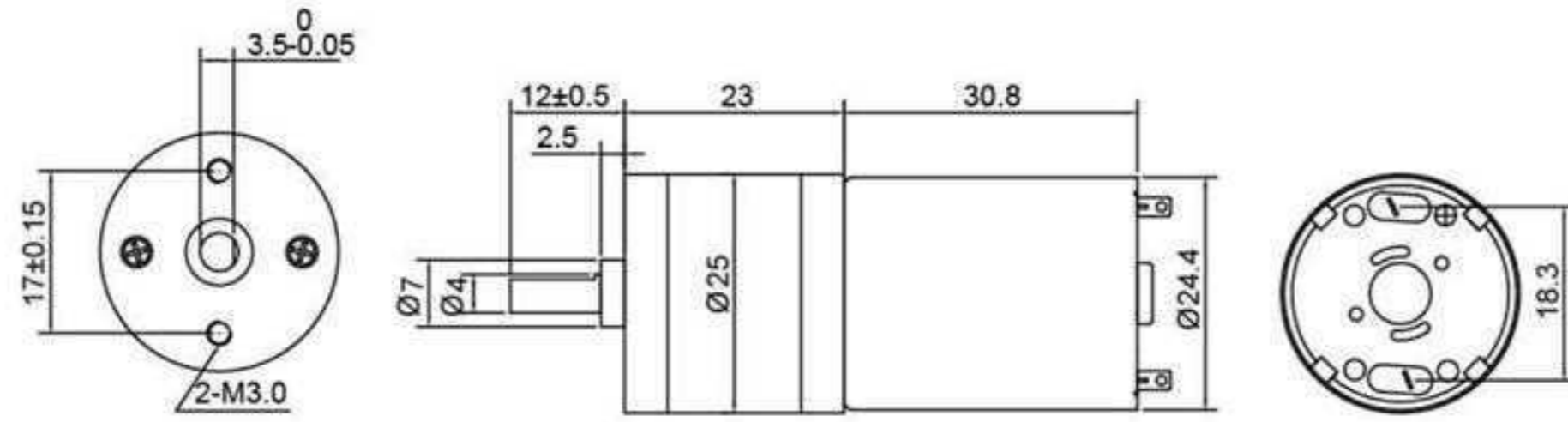
减速电机型号 Gearbox with motor: KC-GM20-180SH-18140-XXX

减速比 Reduction ratio	29	31	56	73	107	182	268	349	456	488
减速器长度 Length mm	15.9	15.9	17.4	17.4	18.9	18.9	20.4	20.4	20.4	20.4
空载转速 No-load speed rpm	230	215	120	90	62	37	25	19	15	14
额定转速 Rated speed rpm	180	170	95	73	50	29	20	16	13	13
额定转矩 Rated torque kg.cm	0.4	0.4	0.7	0.9	1.3	2.2	3.0	3.0	3.0	3.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.5	1.6	2.8	3.7	5	5	5.0	5.0	5.0	5.0

减速电机型号 Gearbox with motor: KC-GM20-180SH-10400-XXX

减速比 Reduction ratio	29	31	56	73	107	182	268	349	456	488
减速器长度 Length mm	15.9	15.9	17.4	17.4	18.9	18.9	20.4	20.4	20.4	20.4
空载转速 No-load speed rpm	340	310	175	135	95	55	38	29	22	21
额定转速 Rated speed rpm	300	280	155	120	81	48	32	26	20	20
额定转矩 Rated torque kg.cm	0.4	0.4	0.7	0.9	1.3	2.2	3.0	3.0	3.0	3.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	3.1	3.4	5.2	5.0	5	5.0	5.0	5.0	5.0	5.0

GM25-370CA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-370CA-22170	6.0	5600	50	4800	24.0	300	1.18	186	2.10
KFF-370CA-15360	12.0	5600	25	4800	24.0	160	1.18	186	1.06
KFF-370CA 12560	12.0	3700	20	3000	20.0	90	0.62	125	0.46

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM25-370CA-22170-XXX

减速比 Reduction ratio	4	10	21	34	47	78	103	130	227	499
减速器长度 Length mm	17	19	19	21	21	23	23	25	25	27
空载转速 No-load speed rpm	1280	510	245	150	110	68	50	42	24	11
额定转速 Rated speed rpm	1200	480	230	137	102	62	47	37	21	10
额定转矩 Rated torque kg.cm	0.06	0.15	0.3	0.5	0.7	1.1	1.5	1.7	2.7	5.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.45	1.1	2.3	3.9	5.2	10	10	10	10	10

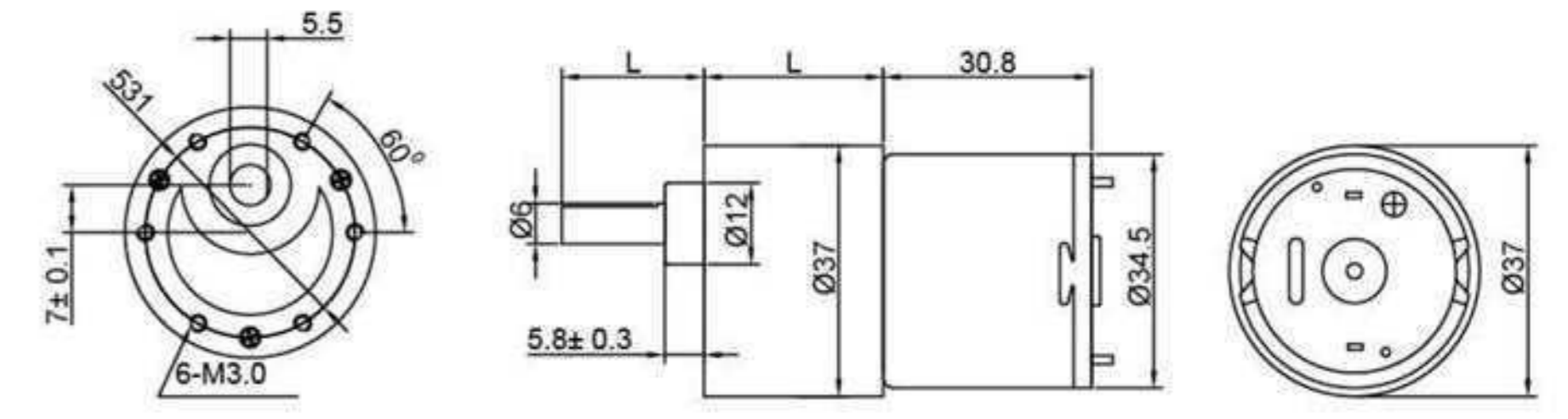
减速电机型号 Gearbox with motor: KC-GM25-370CA-15360-XXX

减速比 Reduction ratio	4	10	21	34	47	78	103	130	227	499
减速器长度 Length mm	17	19	19	21	21	23	23	25	25	27
空载转速 No-load speed rpm	1280	510	245	150	110	68	50	42	24	11
额定转速 Rated speed rpm	1200	480	230	137	102	62	47	37	21	10
额定转矩 Rated torque kg.cm	0.06	0.15	0.3	0.5	0.7	1.1	1.5	1.7	2.7	5.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.45	1.1	2.3	3.9	5.2	10	10	10	10	10

减速电机型号 Gearbox with motor: KC-GM25-370CA-12560-XXX

减速比 Reduction ratio	4	10	21	34	47	78	103	130	227	499
减速器长度 Length mm	17	19	19	21	21	23	23	25	25	27
空载转速 No-load speed rpm	850	340	165	100	75	48	34	27	7.5	7
额定转速 Rated speed rpm	750	300	145	86	64	38	29	23	6.3	6
额定转矩 Rated torque kg.cm	0.05	0.12	0.26	0.4	0.6	0.9	1.2	1.4	2.5	5.0
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.3	0.75	1.5	2.6	3.5	10	10	10	10	10

GM37-3530PM



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-3530PM-1240	12.0	4000	35	3300	40.0	180	1.4	220	1.0
KFF-3530PM-1250	12.0	5000	45	4200	40.0	250	1.80	250	1.20
KFF-3530PM-2460	24.0	6000	20	5300	50.0	180	3.1	400	1.30

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM37-3530PM-1240-XXX

减速比 Reduction ratio	6	10	30	44	56	90	169	270	506	810
减速器长度 Length mm	19	19	21.5	24	24	24	26.5	26.5	29	29
空载转速 No-load speed rpm	600	360	120	85	65	45	24	15	8	5
额定转速 Rated speed rpm	550	330	110	75	59	36	19	12	6	4
额定转矩 Rated torque kg.cm	0.2	0.3	0.8	1.1	1.3	2.2	3.7	5.4	10	10
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.10	1.8	4.6	5.8	7.4	10	15	15	15	15

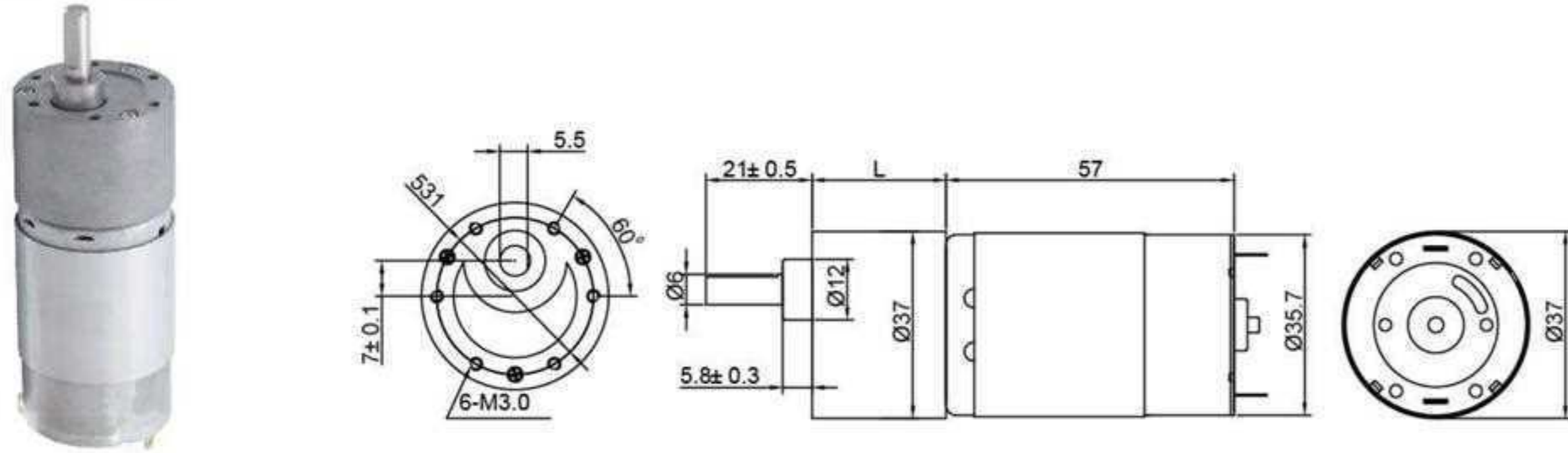
减速电机型号 Gearbox with motor: KC-GM37-3530PM-1250-XXX

减速比 Reduction ratio	6	10	30	44	56	90	169	270	506	810
减速器长度 Length mm	19	19	21.5	24	24	24	26.5	26.5	29	29
空载转速 No-load speed rpm	800	490	165	110	88	55	30	18	10	6
额定转速 Rated speed rpm	670	420	140	95	75	46	25	16	8	5
额定转矩 Rated torque kg.cm	0.2	0.3	0.8	1.1	1.3	2.2	3.7	5.4	10	10
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.2	2.0	5.2	6.6	8.4	13.5	15	15	15	15

减速电机型号 Gearbox with motor: KC-GM37-3530PM-2460-XXX

减速比 Reduction ratio	6	10	30	44	56	90	169	270	506	810
减速器长度 Length mm	19	19	21.5	24	24	24	26.5	26.5	29	29
空载转速 No-load speed rpm	950	570	190	130	100	65	35	22	12	7
额定转速 Rated speed rpm	880	530	175	120	95	59	31	20	10	7
额定转矩 Rated torque kg.cm	0.24	0.4	1.1	1.3	1.7	2.7	4.6	6.7	10	10
瞬间允许转矩 Max.momentary tolerance torque kg.cm	1.9	3.2	8.4	10.6	13.4	15	15	15	15	15

GM37-555PM



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-555PM-1233	12.0	3300	200	2800	200.0	1000	5.7	1150	5.5
KFF-555PM-1260	12.0	6000	300	5250	290.0	2400	16.00	2200	15.00
KFF-555PM-2440	24.0	4000	150	3150	200.0	700	6.4	1000	2.70

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: KC-GM37-555PM-1233-XXX

减速比 Reduction ratio	6	10	19	30	56	90	169	270	506	810
减速器长度 Length mm	19	19	21.5	21.5	24	24	26.5	26.5	29	29
空载转速 No-load speed rpm	500	300	160	105	57	36	20	12	6.5	4
额定转速 Rated speed rpm	450	280	150	90	60	31	18	11	6.3	4
额定转矩 Rated torque kg.cm	1.0	1.6	2.7	4.2	6.7	10	10	10	10	10
瞬间允许转矩 Max.momentary tolerance torque kg.cm	5.5	9.2	15.0	15	15	15	15	15	15	15

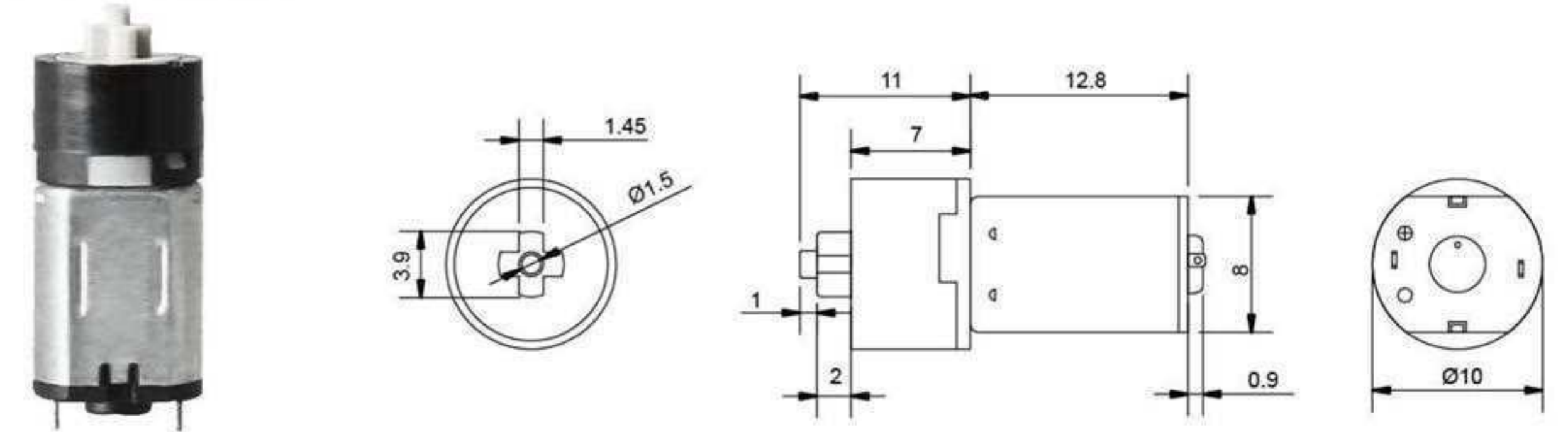
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减速比 Reduction ratio	6	10	19	30	56	90	169	270	506	810
减速器长度 Length mm	19	19	21.5	21.5	24	24	26.5	26.5	29	29
空载转速 No-load speed rpm	900	550	300	190	100	65	35	22	12	7
额定转速 Rated speed rpm	870	525	275	175	90	61	34	22	12	7
额定转矩 Rated torque kg.cm	1.4	2.3	3.8	6.1	10	10	10	10	10	10
瞬间允许转矩 Max.momentary tolerance torque kg.cm	10	15.0	15.0	15	15	15	15	15	15	15

减速电机型号 Gearbox with motor: KC-GM37-555PM-2440-XXX

减速比 Reduction ratio	6	10	19	30	56	90	169	270	506	810
减速器长度 Length mm	19	19	21.5	21.5	24	24	26.5	26.5	29	29
空载转速 No-load speed rpm	600	360	200	120	65	45	24	15	8	5
额定转速 Rated speed rpm	520	315	165	105	56	36	21	14	8	5
额定转矩 Rated torque kg.cm	1.0	1.6	2.7	4.2	6.7	10	10	10	10	10
瞬间允许转矩 Max.momentary tolerance torque kg.cm	4.8	8.0	15	15	15	15	15	15	15	15

GMP10-M10VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-M10VA-08Z120	1.5	10500	65	7600	0.86	150	0.10	2.0	0.35
KFF-M10VA-06245	3.0	11000	23	8500	0.76	65	0.10	2.5	0.18
KFF-M10VA-05350	6.0	16500	20	12500	1.00	55	0.15	3.0	0.17

齿轮电机技术参数 Gear motor Technical Data

减速电机型号 Gearbox with motor: GMP10-M10VA-08Z120-XXX

减速比 Reduction ratio	171									
减速器长度 Length mm	7									
空载转速 No-load speed rpm	61									
额定转速 Rated speed rpm	44									
额定转矩 Rated torque kg.cm	0.09									
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.2									

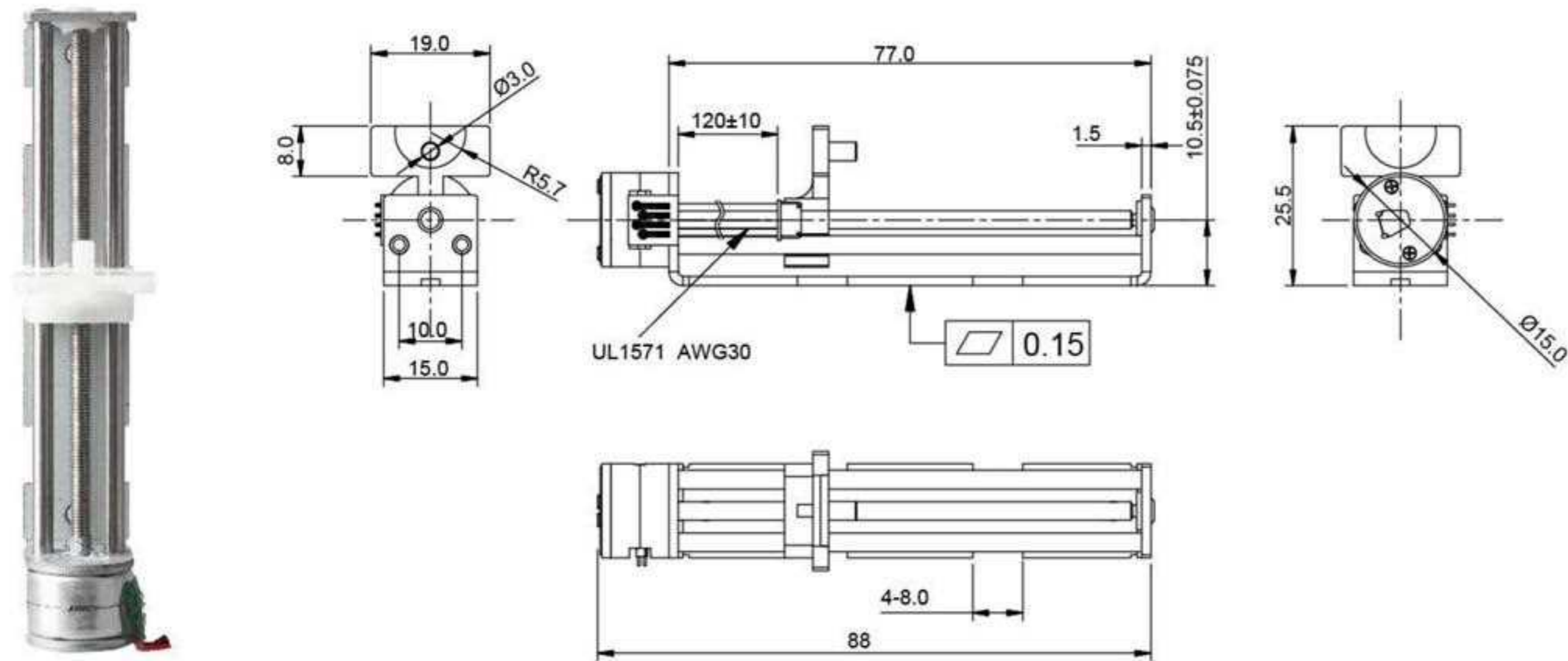
减速电机型号 Gearbox with motor: GMP10-M10VA-06245-XXX

减速比 Reduction ratio	171									
减速器长度 Length mm	7									
空载转速 No-load speed rpm	64									
额定转速 Rated speed rpm	50									
额定转矩 Rated torque kg.cm	0.08									
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.26									

减速电机型号 Gearbox with motor: GMP10-M10VA-05350-XXX

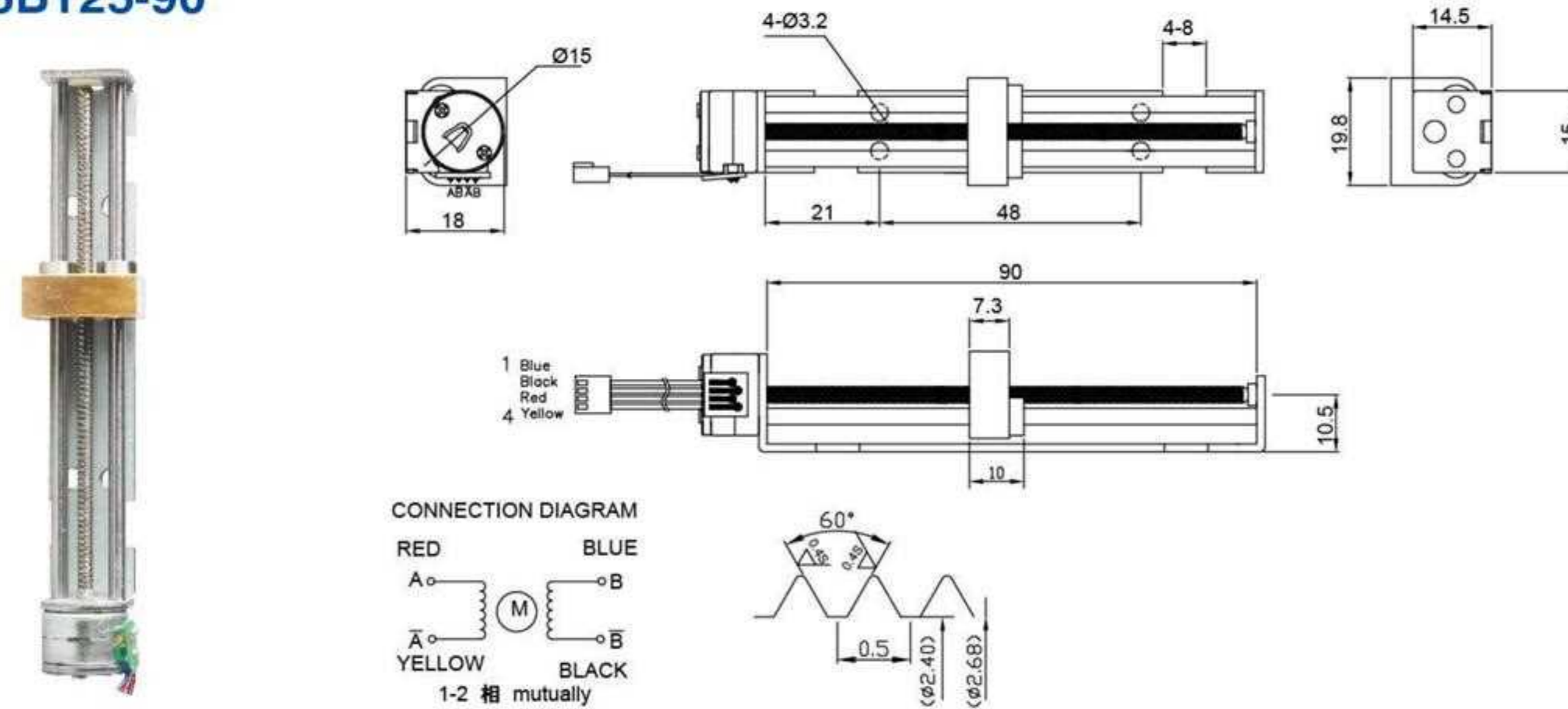
减速比 Reduction ratio	171									
减速器长度 Length mm	7									
空载转速 No-load speed rpm	96									
额定转速 Rated speed rpm	49									
额定转矩 Rated torque kg.cm	0.10									
瞬间允许转矩 Max.momentary tolerance torque kg.cm	0.31									

15BY25-77



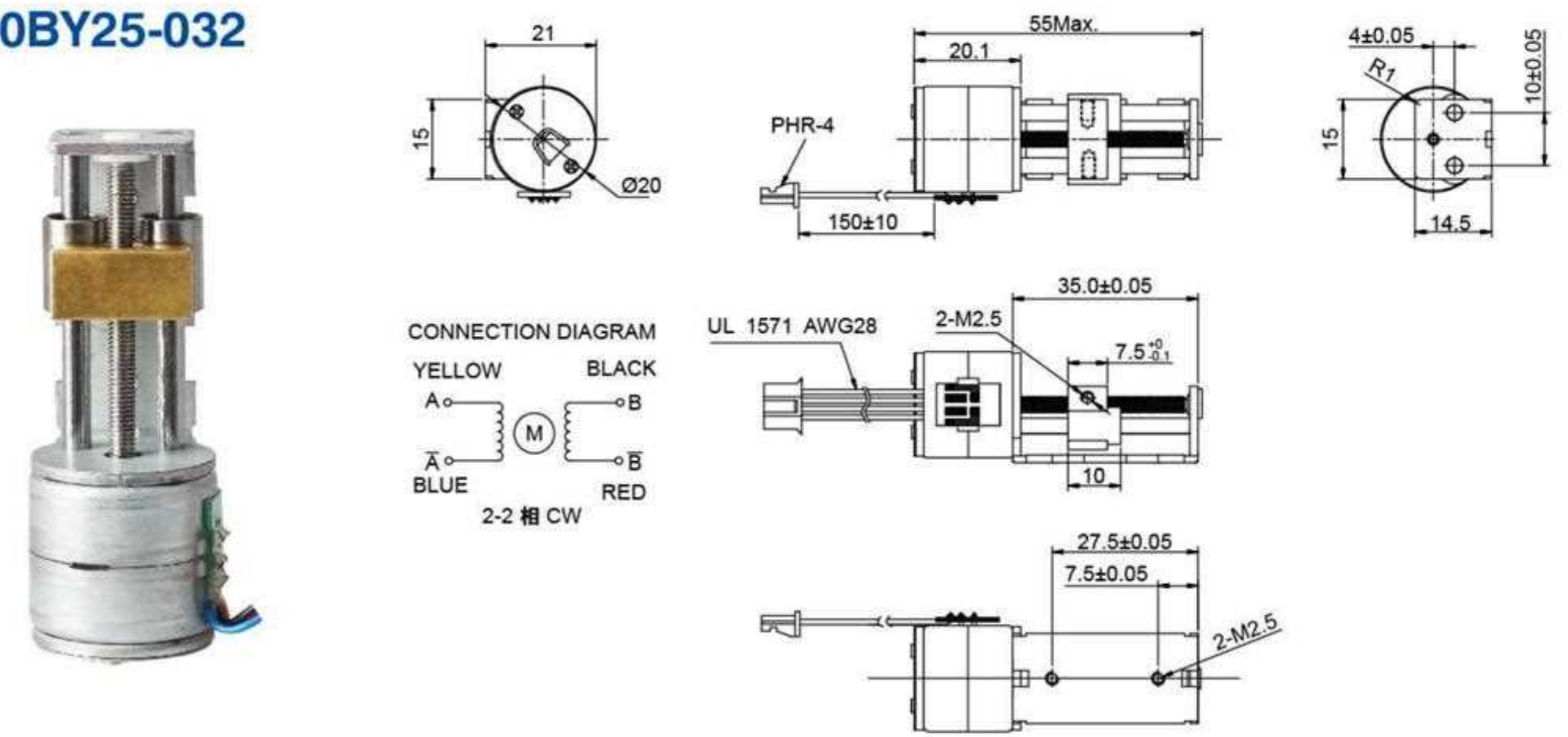
滑台式样									
Model	Step angle	Voltage	Resistance	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)	
	degree	V DC	$\Omega \pm 10\%$					Pull out	Pitch
15BY25-77	18	9	20	2	Bipolar	1300	900	230g/125pps	0.5

15BY25-90



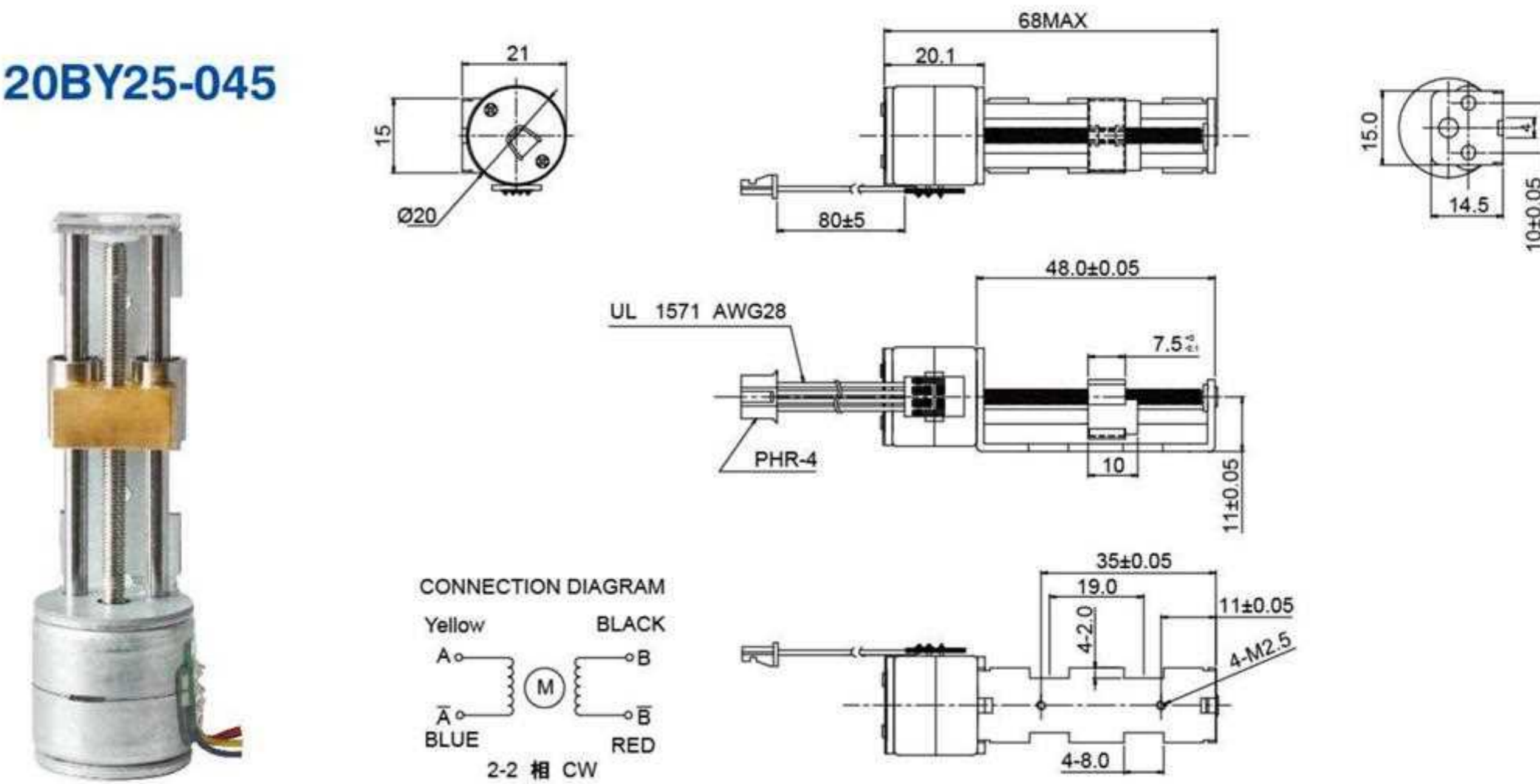
滑台式样									
Model	Step angle	Voltage	Resistance	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)	
	degree	V DC	$\Omega \pm 7\%$					Pull out	Pitch
15BY25-90	18	12	15	1-2	Bipolar	1100	1600	500g/125pps	0.5

20BY25-032



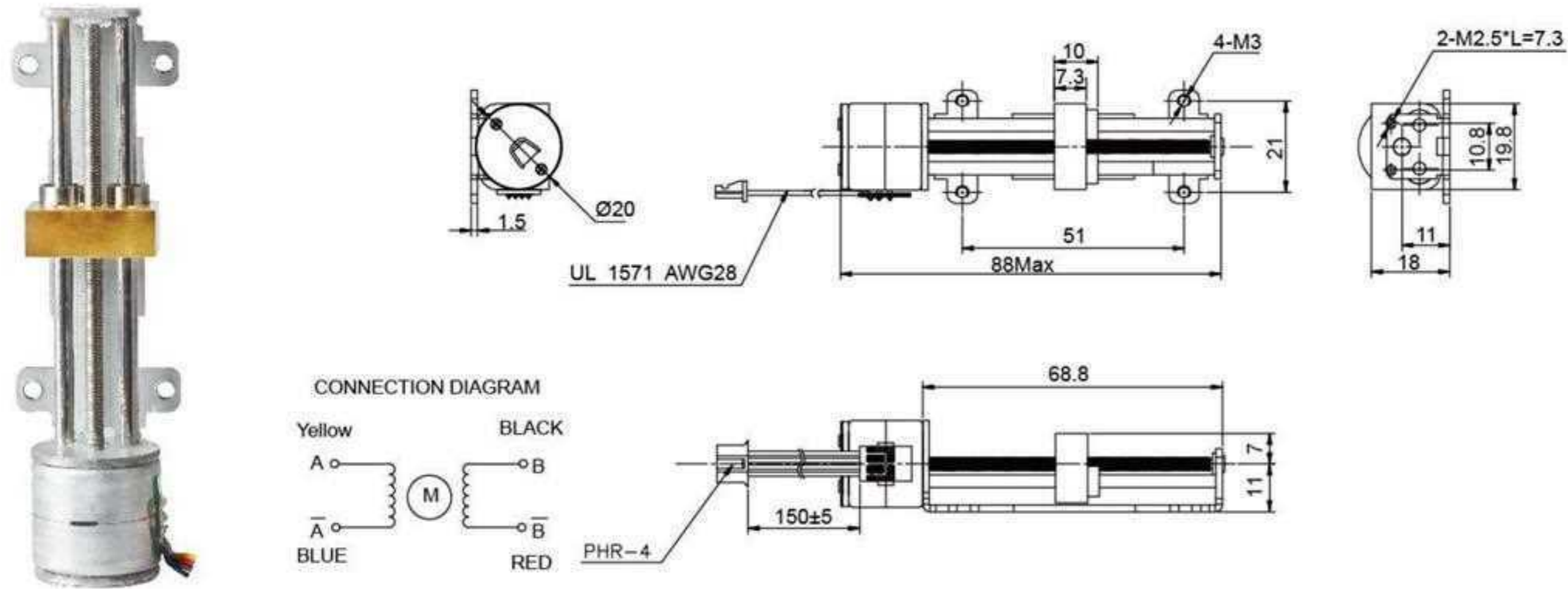
滑台式样									
Model	Step angle	Voltage	Resistance	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)	
	degree	V DC	$\Omega \pm 7\%$					Pull out	Pitch
20BY25-032	18	12	20	2	Bipolar	1000	1300	1000g/700pps	0.5

20BY25-045



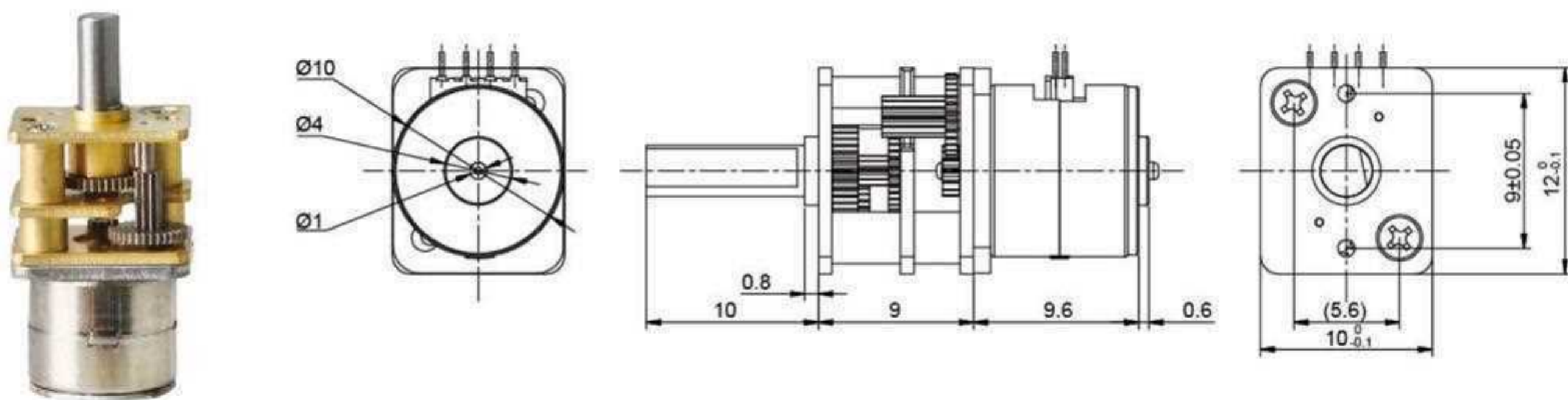
滑台式样									
Model	Step angle	Voltage	Resistance	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)	
	degree	V DC	$\Omega \pm 7\%$					Pull out	Pitch
20BY25-045	18	12	20	2	Bipolar	1000	1300	1000g/700pps	0.5

20BY25-068



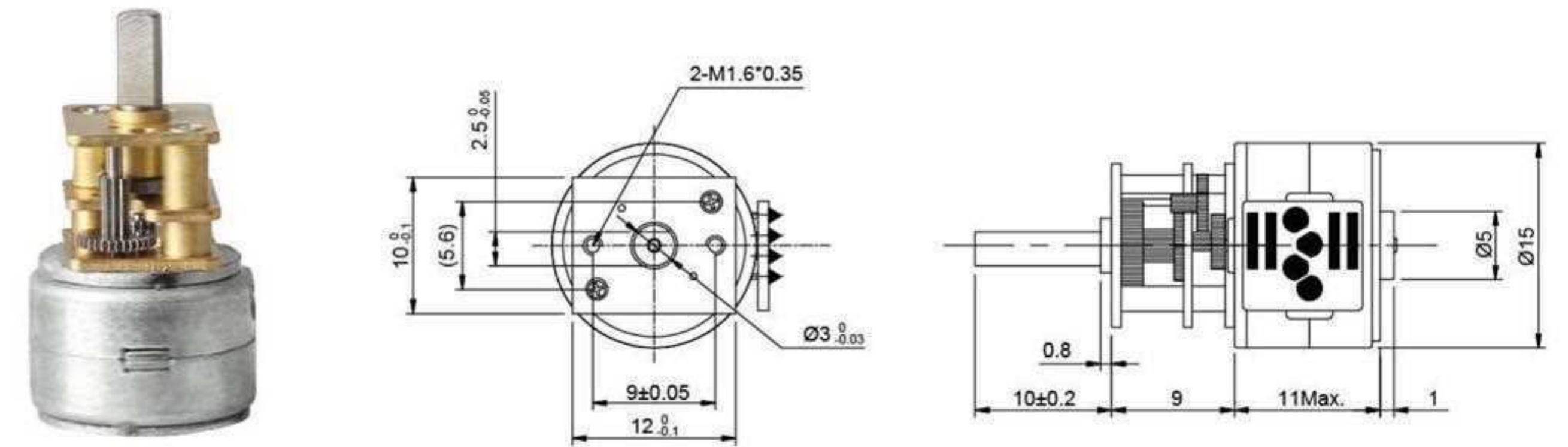
滑台式样										
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)		Lead Screw Pitch
								Pull out		
20BY25-068	18	12	20	2	Bipolar	1000	1300	1000g/700pps	0.5	

GM12-10BY



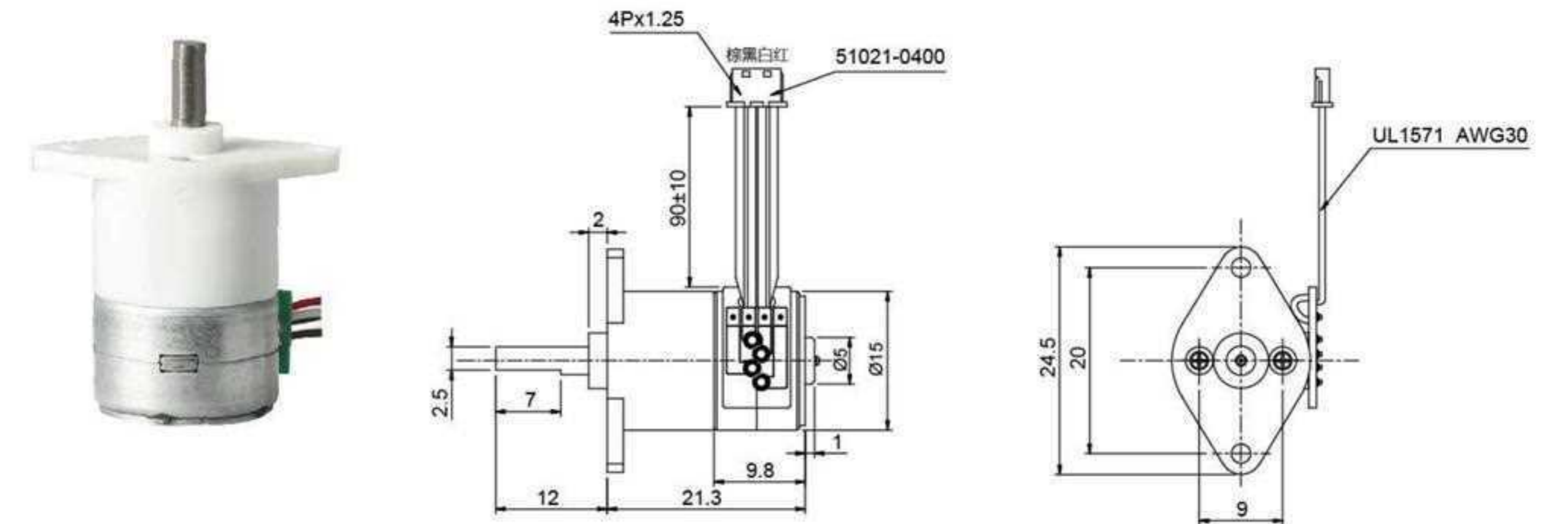
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)		减速比
								Holding	Pull out	
GM12-10BY 系列	18/100	5	18	2	Bipolar	900	1100	960	380/500pps	1:100
	18/20	5	15	2	Bipolar	1000	1500	480	70/500pps	1:20

GM12-15BY



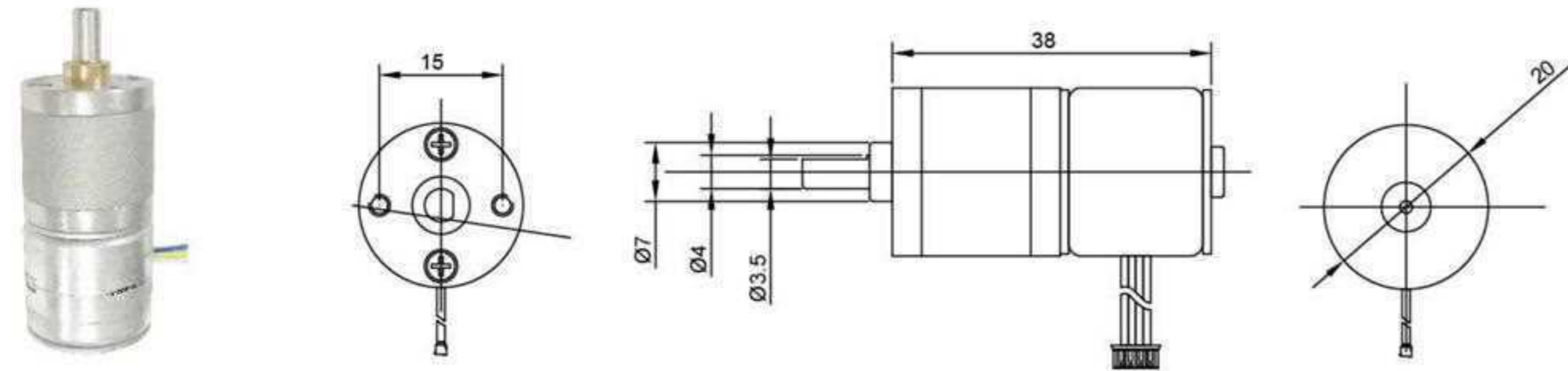
减速箱										
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)		减速比
								Holding	Pull out	
GM12-15BY 系列	18/10	12	50	2	Bipolar	1100	1500	300	120/650pps	1:10

GM12-15BY



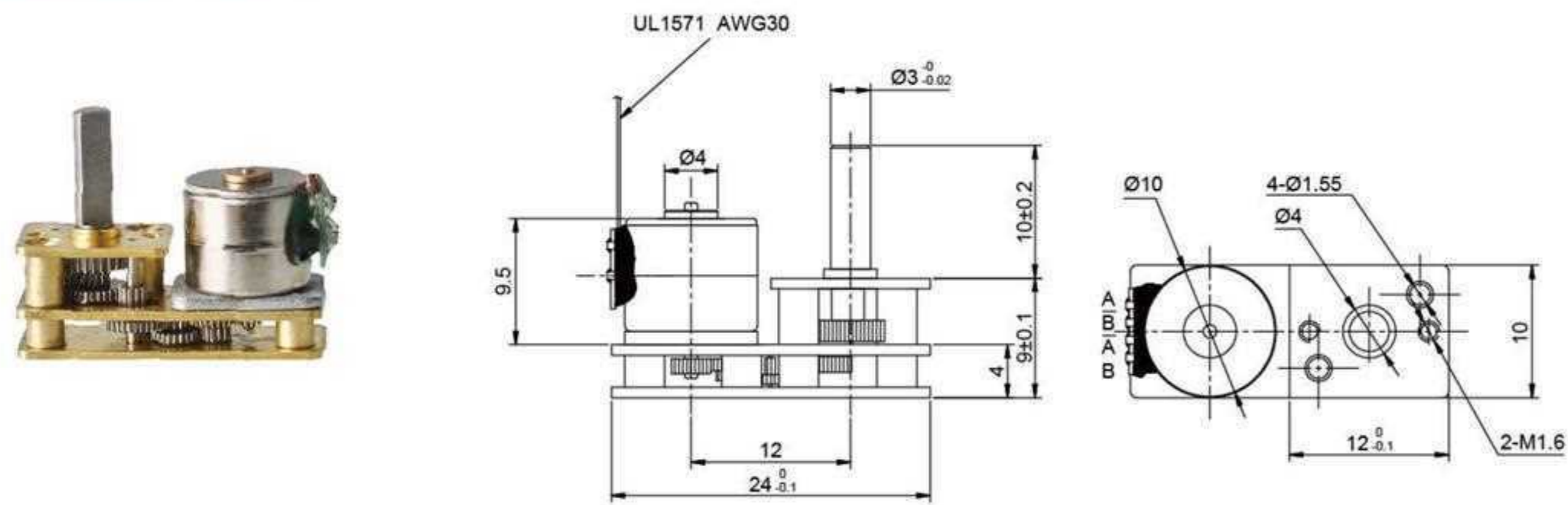
减速箱										
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)		减速比
								Holding	Pull out	
GM12-15BY 系列	18/10	12	50	2	Bipolar	1100	1500	300	120/650pps	01:10

GM20-20BY



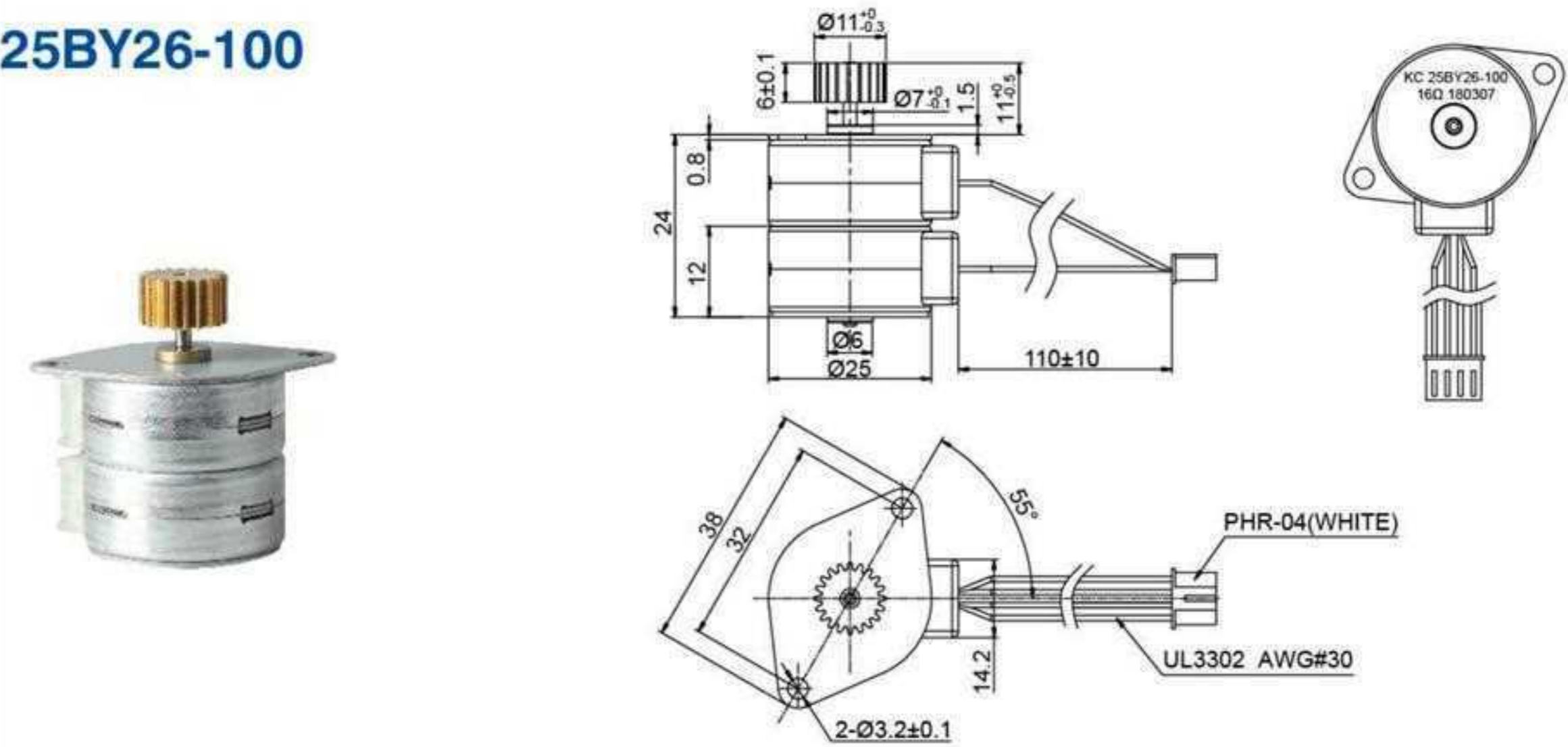
减速箱										
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)		减速比
								Holding	Pull out	
GM20-20BY 系列	18/125	12	20	2	Bipolar	700	1100	-	2000g/700pps	1:125

GM1024-10BY



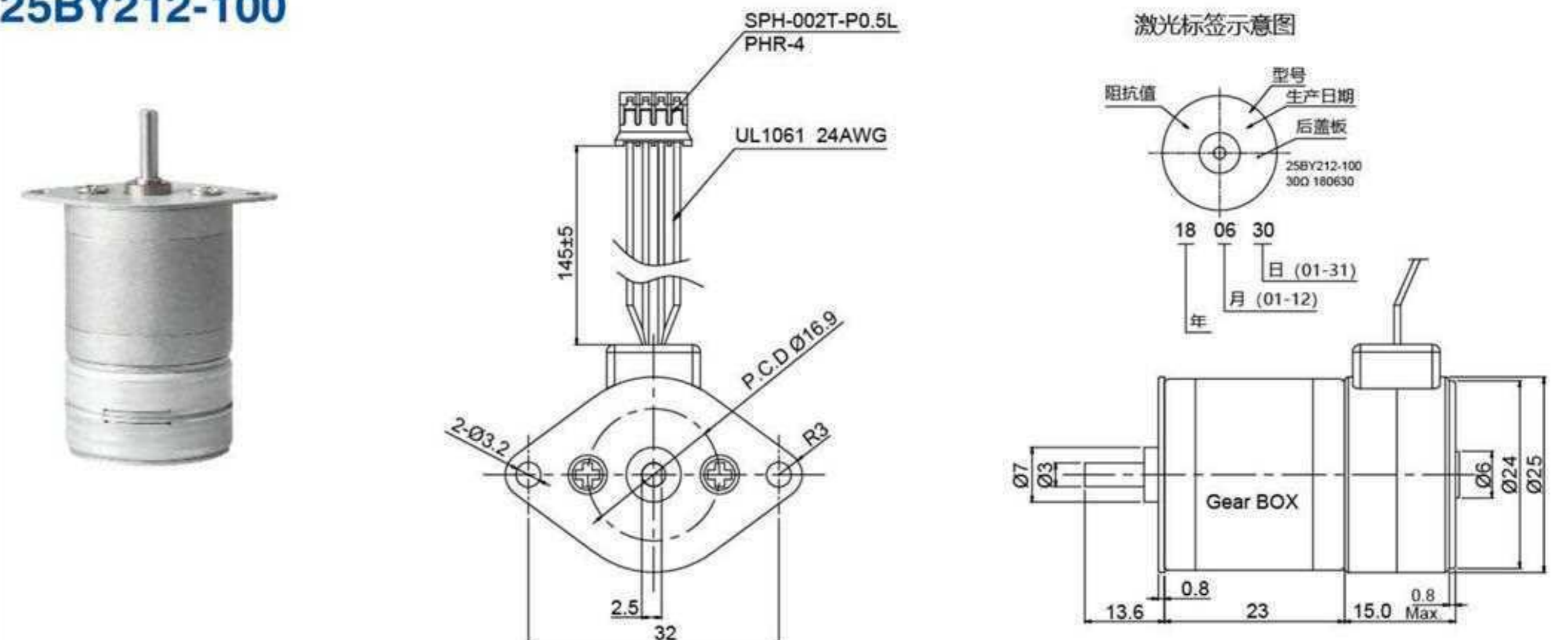
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	current mA	Phase	Drive Mode	Holding Torque (gf.cm)	Pull out	减速比
	18/100	5	10	500	2	Bipolar	290	300g/800pps	1:100

25BY26-100



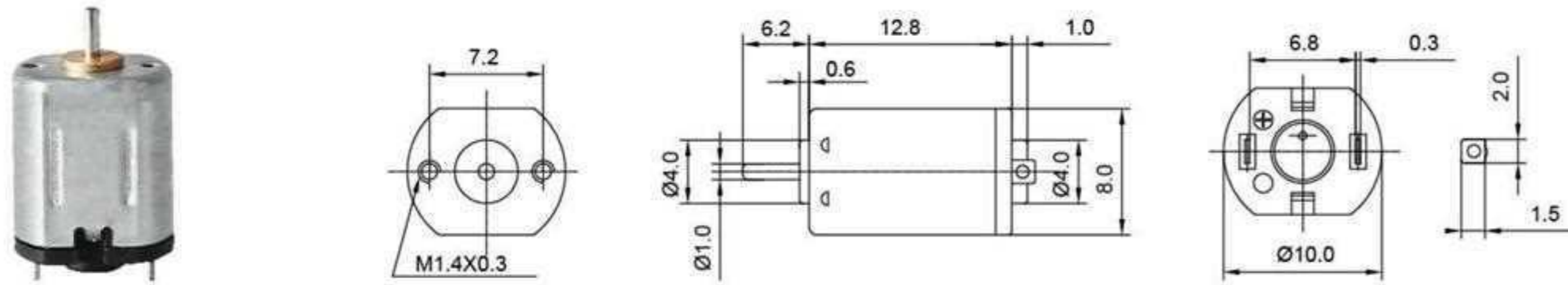
Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 7\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Torque(gf.cm)	
								Holding	Pull out
25BY26-100	15	24	16	2	Bipolar	800	1100	220	150g/200pps

25BY212-100



Model	Step angle degree	Voltage V DC	Resistance $\Omega \pm 10\%$	Phase	Drive Mode	Max. Starting Frequency (pps)	Max. slew Speed (pps)	Pull out

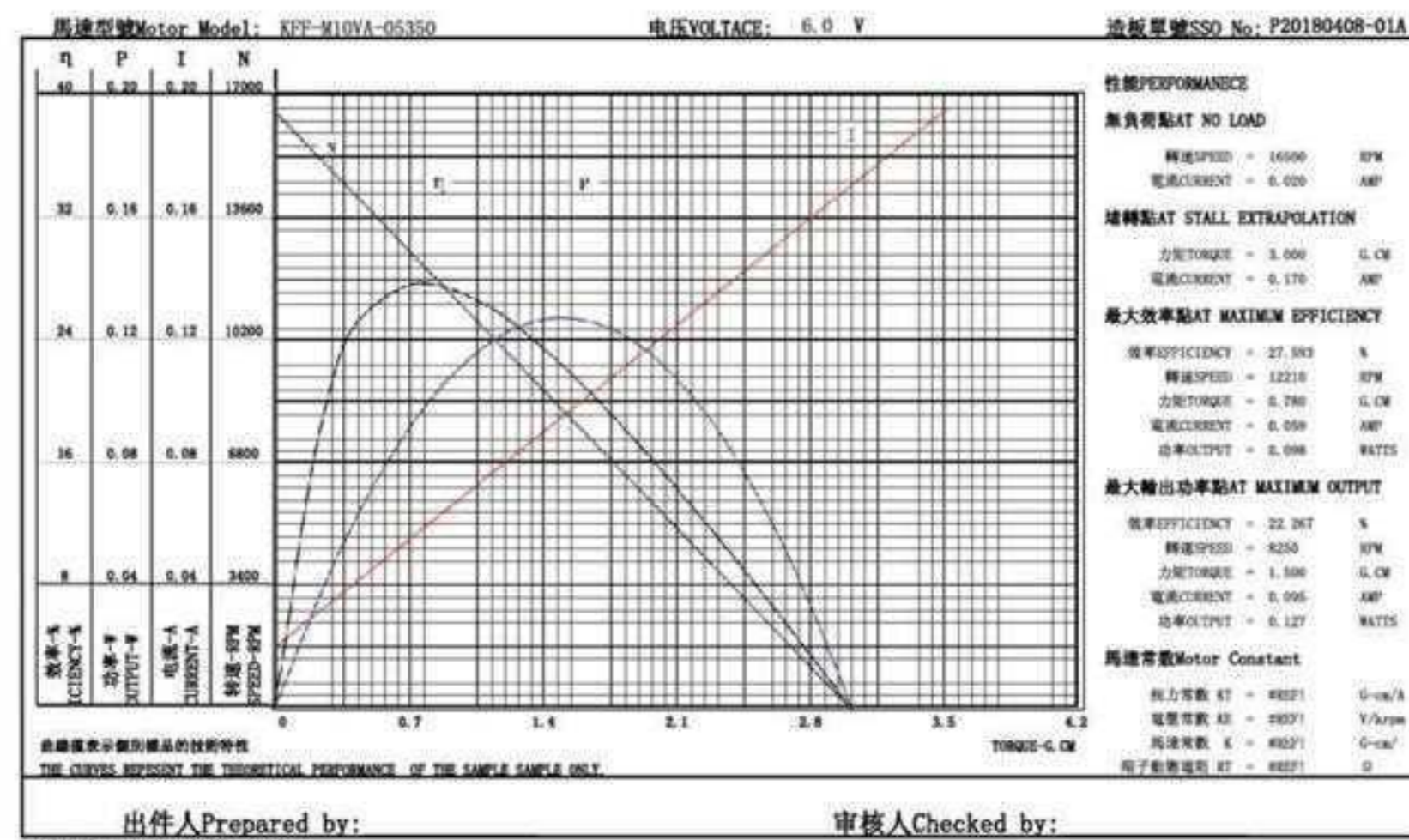
KC-M10VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-M10VA-08Z120	1.5	10500	65	7600	0.86	150	0.10	2.0	0.35
KFF-M10VA-06245	3.0	11000	23	8500	0.76	65	0.10	2.5	0.18
KFF-M10VA-05350	6.0	16500	20	12500	1.00	55	0.15	3.0	0.17

电机特性曲线 Motor Performance Curves and Characteristics



出件人 Prepared by: 表格编号: 修改水平: 00

审核人 Checked by:

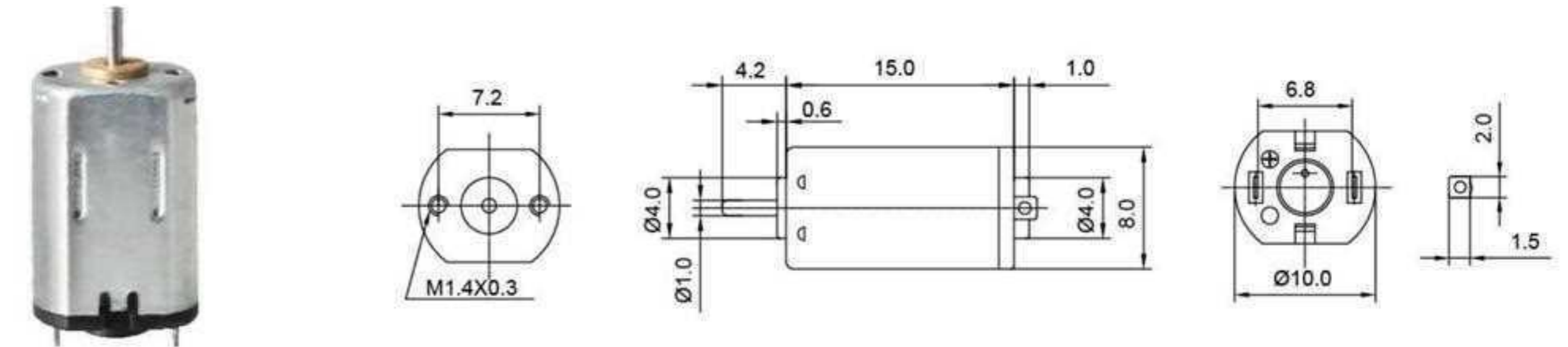
电机特性曲线 Motor Performance Curves and Characteristics



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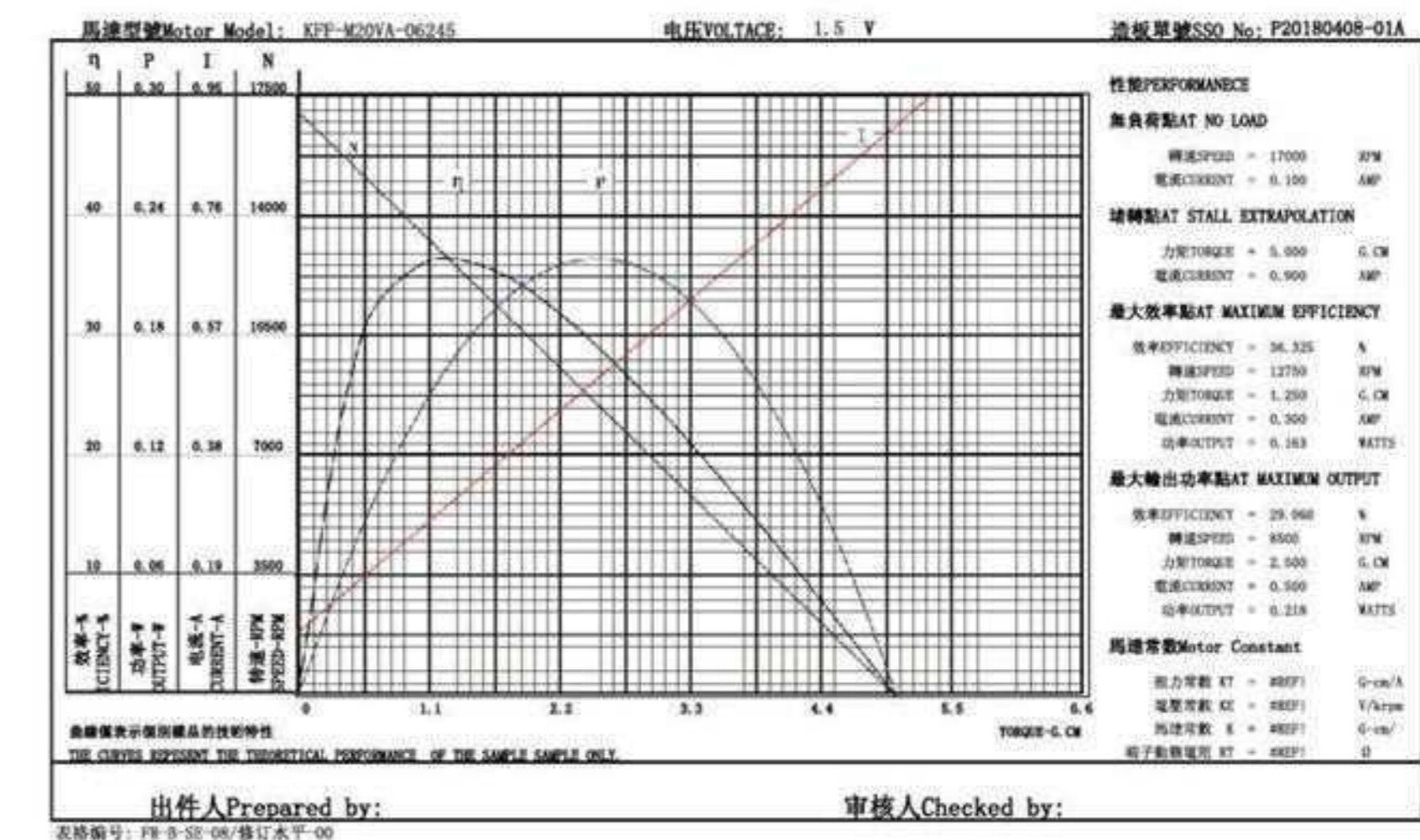
KC-M20VA



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-M20VA-1257	1.5	17000	100	13000	1.50	290	0.20	5.0	0.90
KFF-M20VA-06245	3.7	10000	20	7200	1.00	60	0.10	3.0	0.14
KFF-M20VA-05350	6.0	11500	15	8500	1.07	40	0.10	3.5	0.11

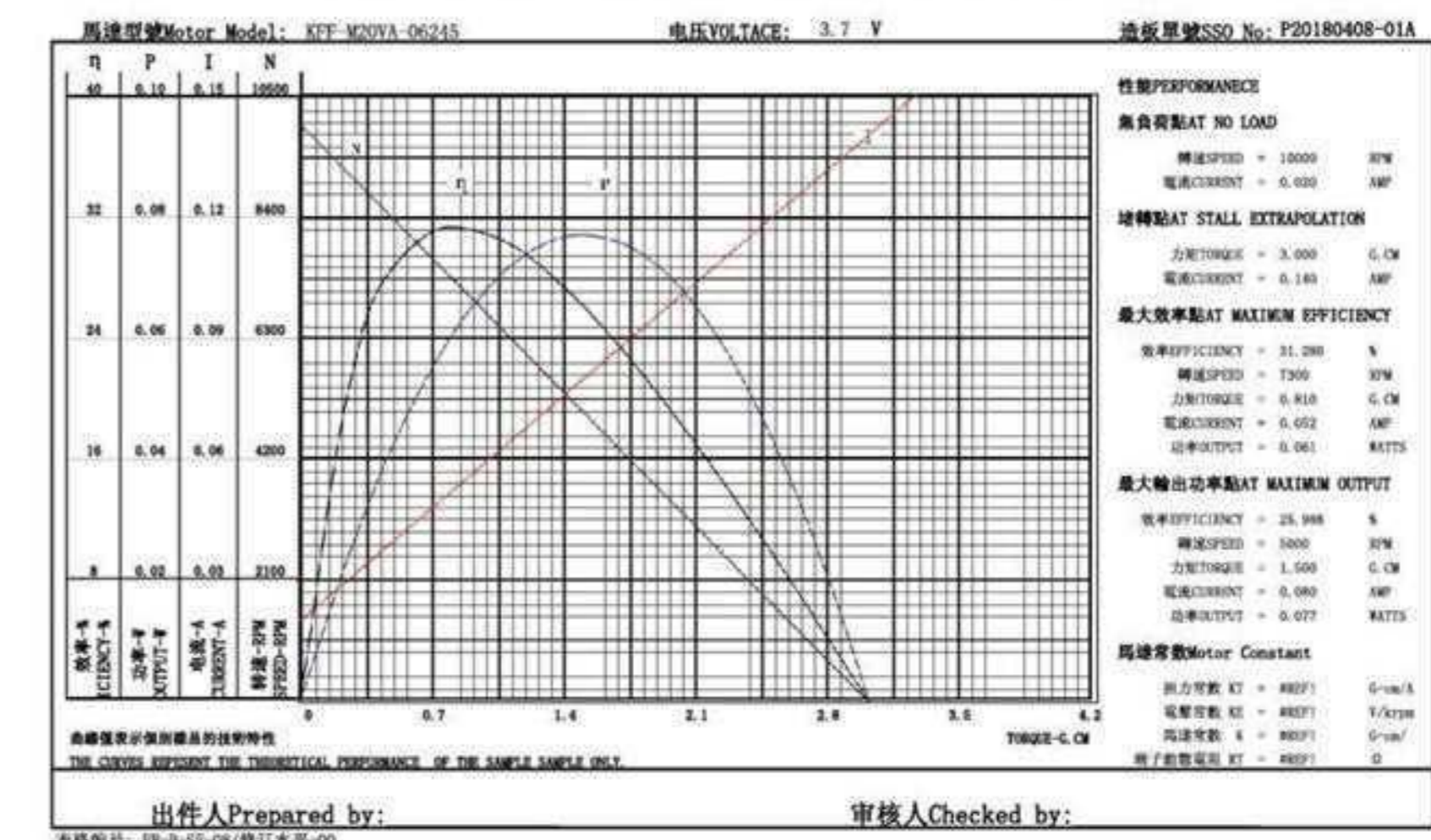
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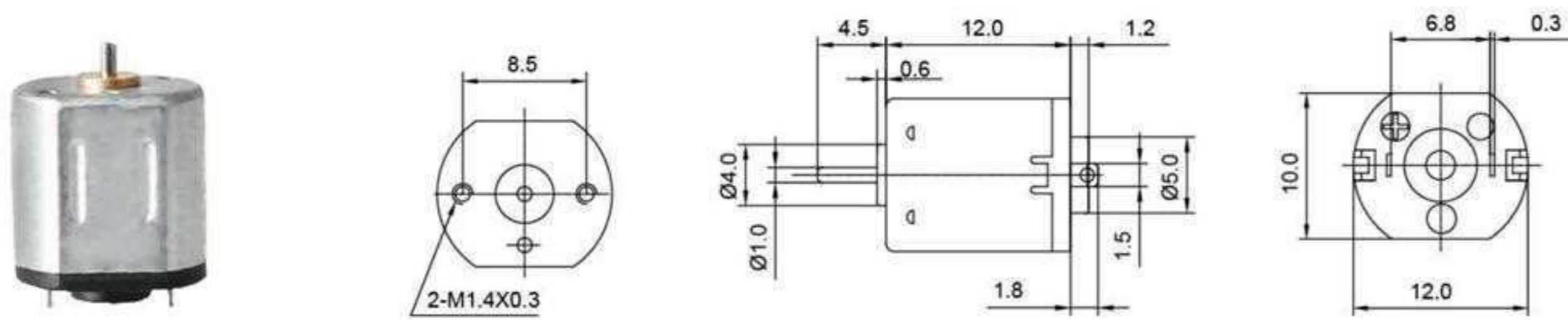
电机特性曲线 Motor Performance Curves and Characteristics



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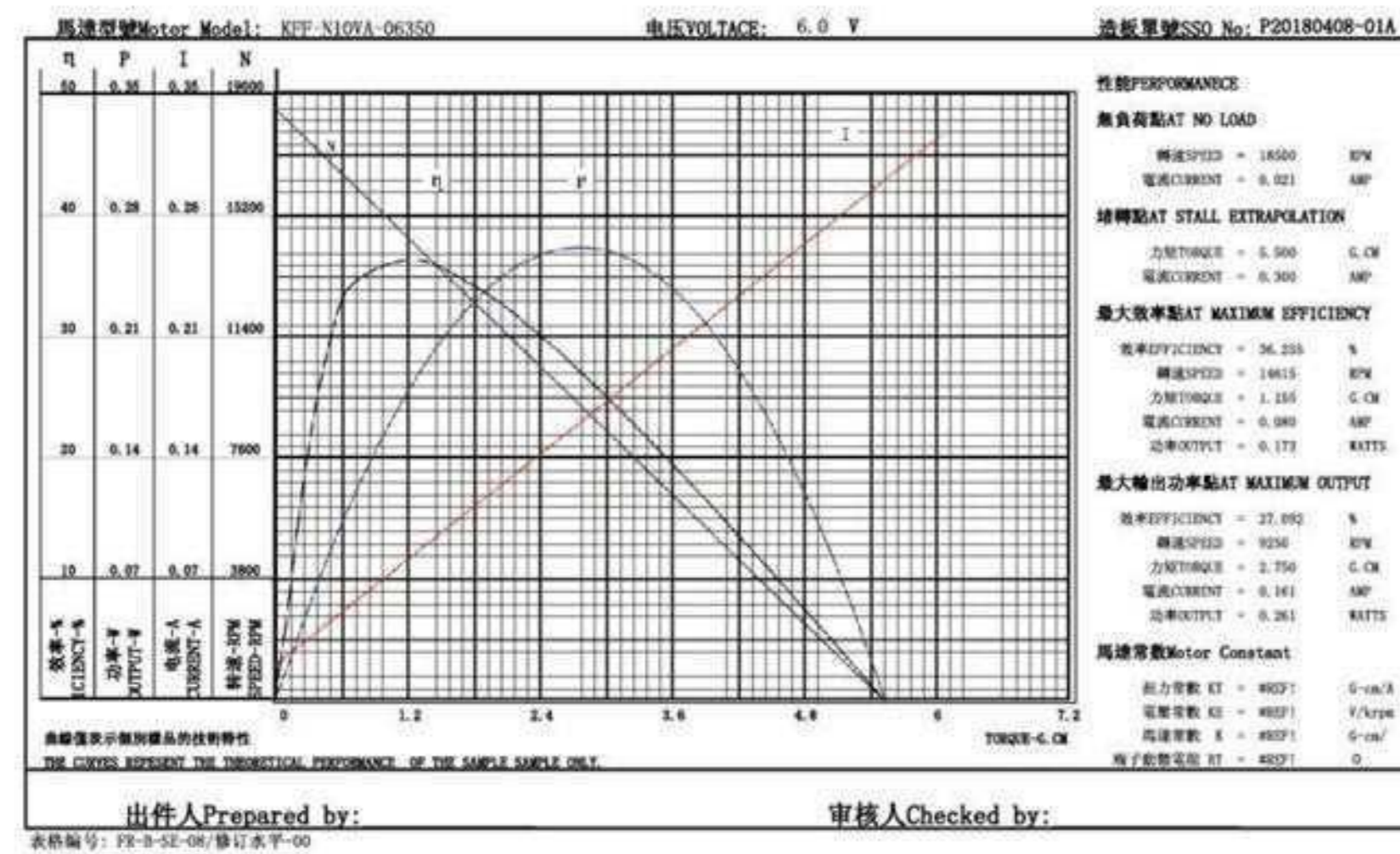
KC-N10VA



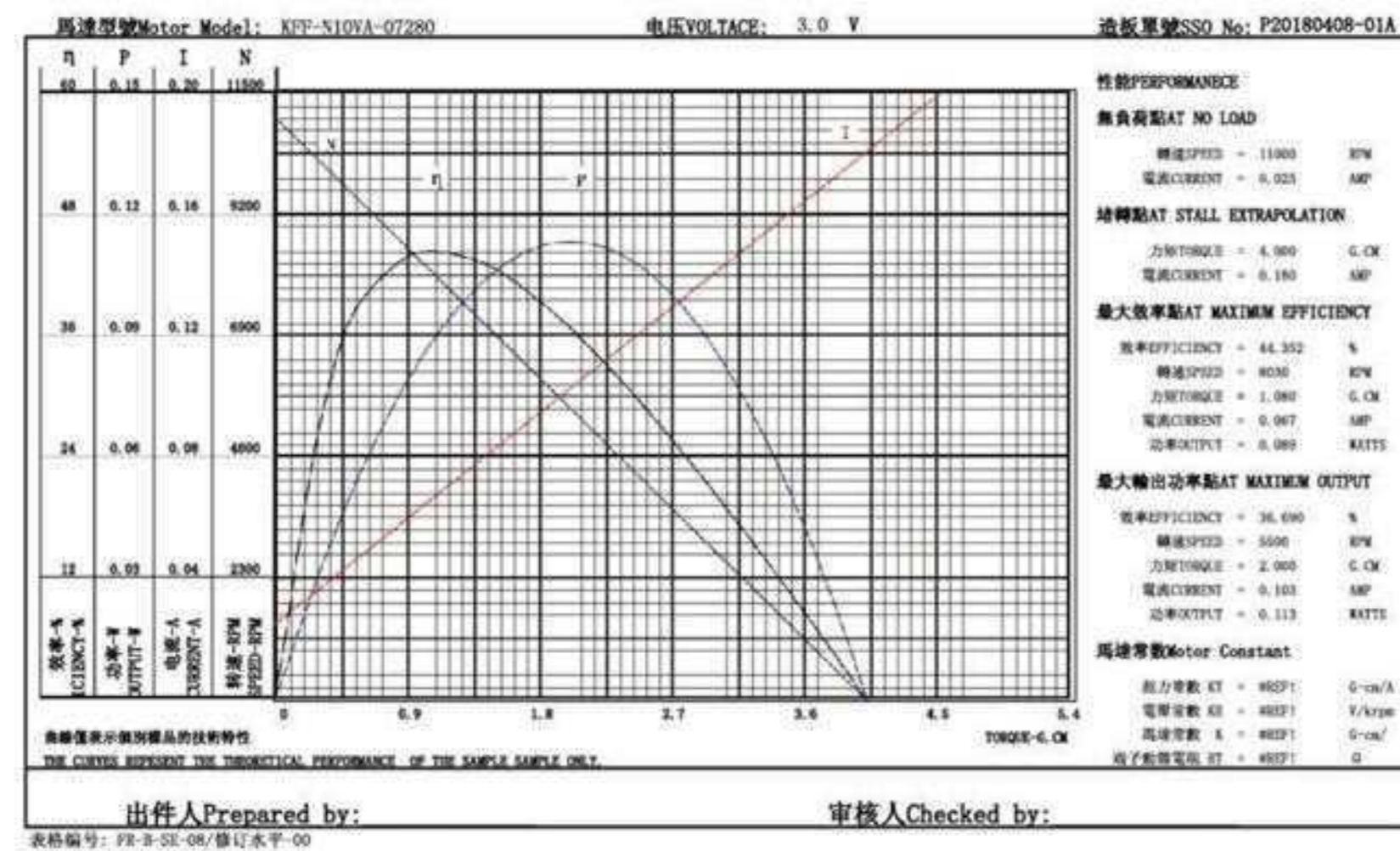
电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-N10VA-12110	1.5	14000	75	10500	1.18	220	0.13	4.0	0.56
KFF-N10VA-07280	3.0	11000	25	8300	0.95	70	0.10	4.0	0.18
KFF-N10VA-06350	6.0	18500	21	14500	1.28	70	0.20	5.5	0.30

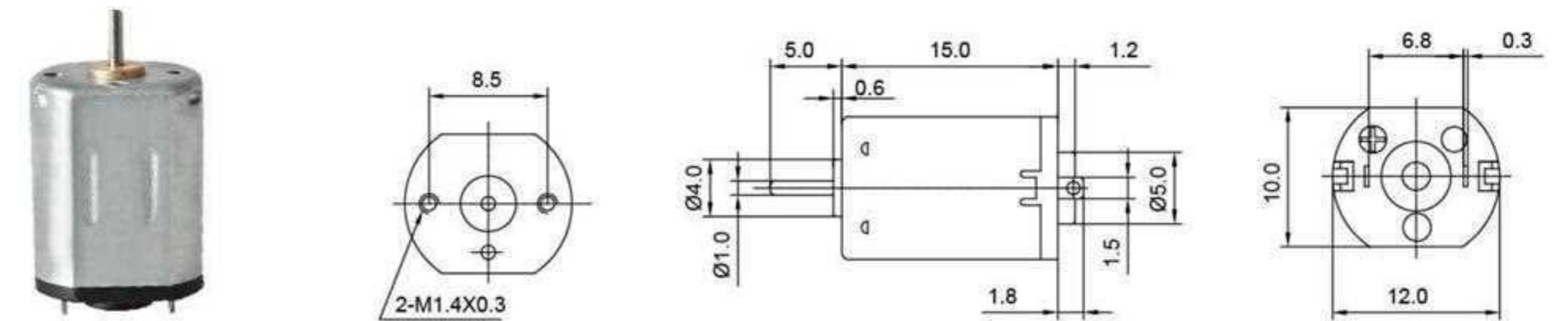
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



KC-N20VA



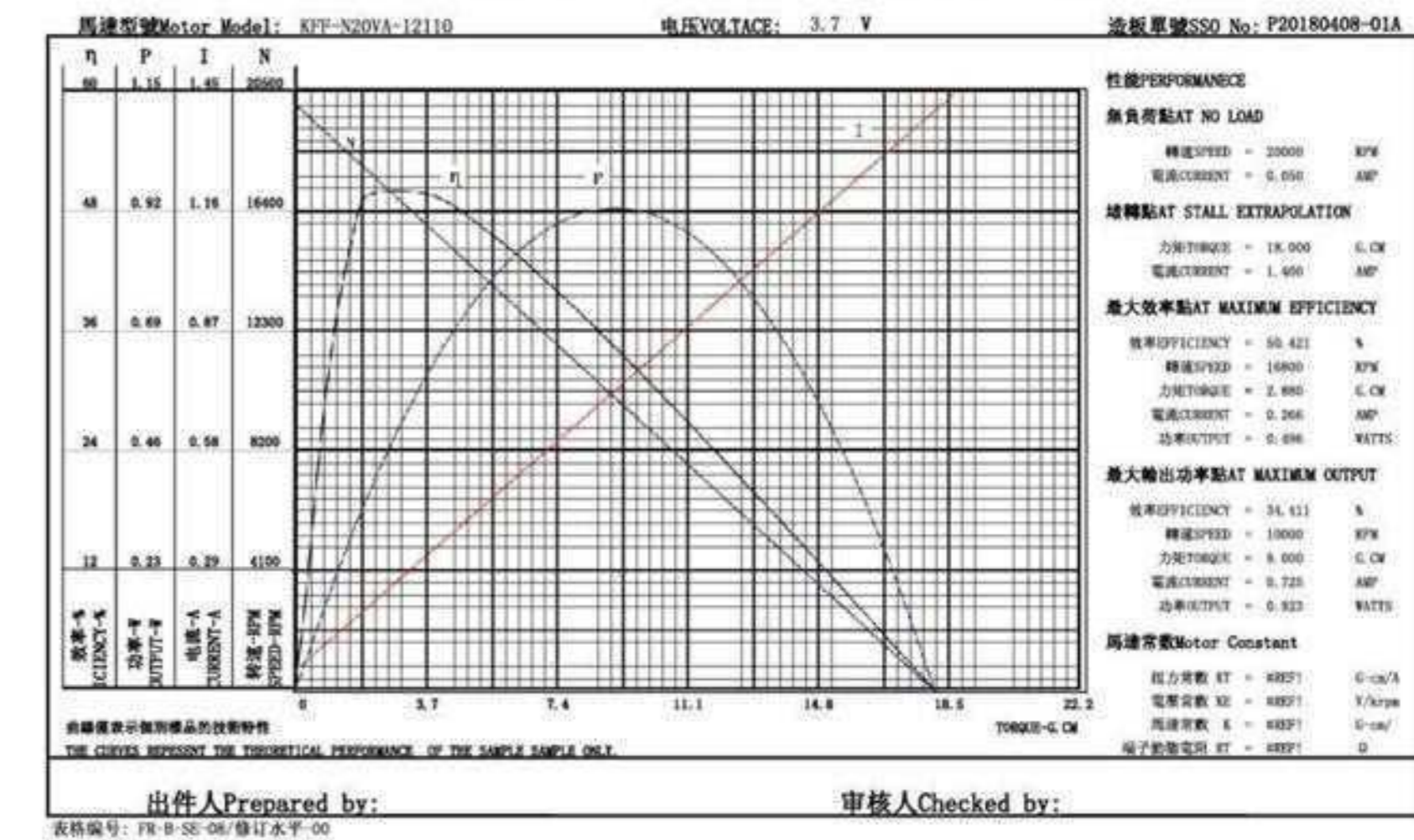
电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-N20VA-12110	3.7	20000	50	17200	3.12	250	0.55	18.0	1.40
KFF-N20VA-07290	6.0	12000	18	10000	2.10	70	0.22	10.0	0.30
KFF-N20VA-06350	12.0	20000	16	17000	2.86	70	0.50	16.0	0.30

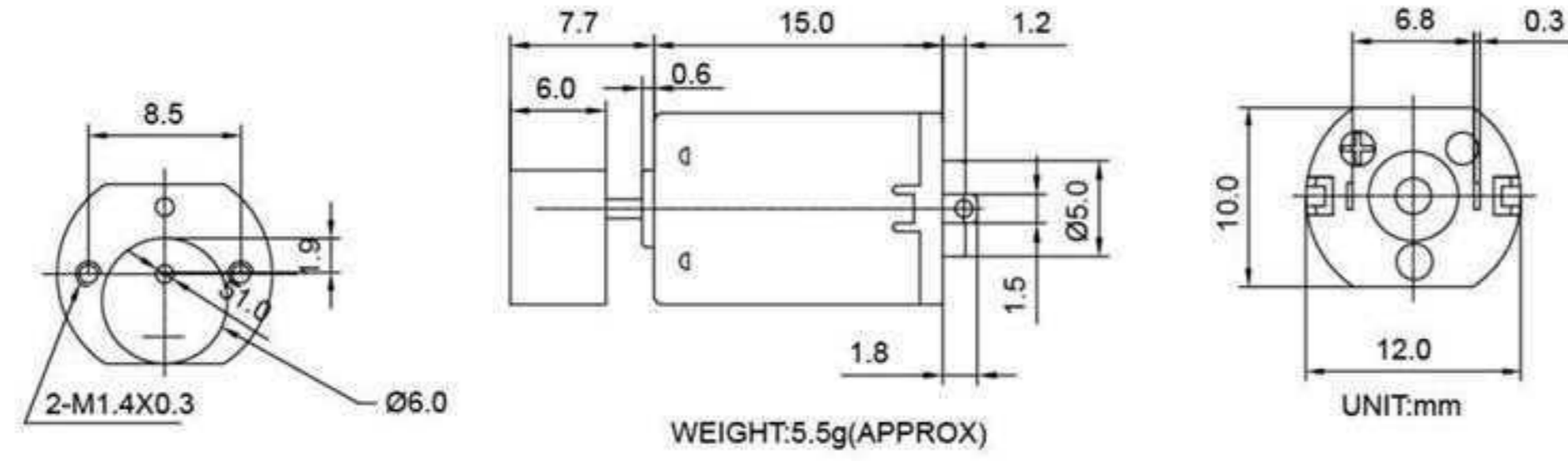
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



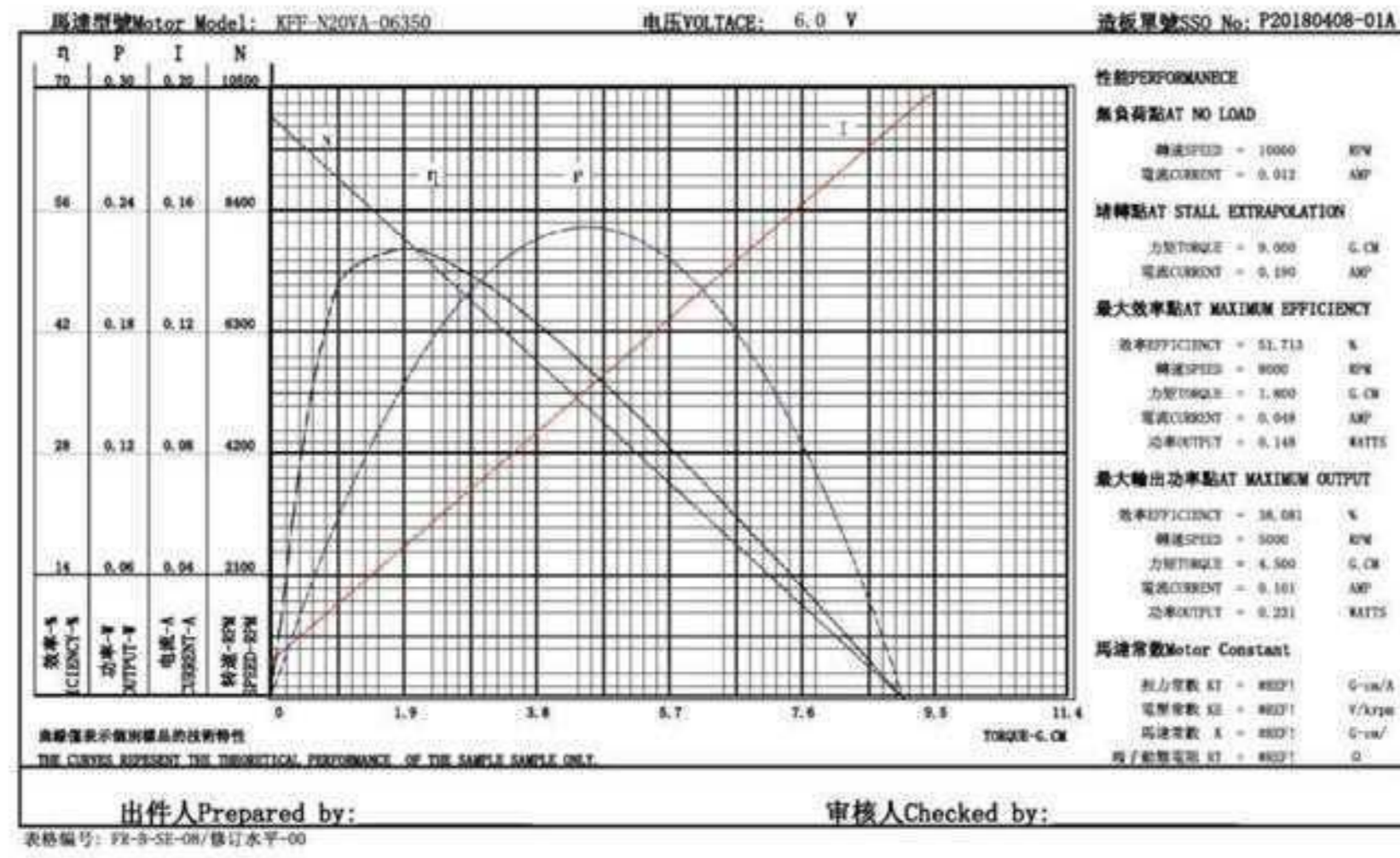
KC-N20VA-Z



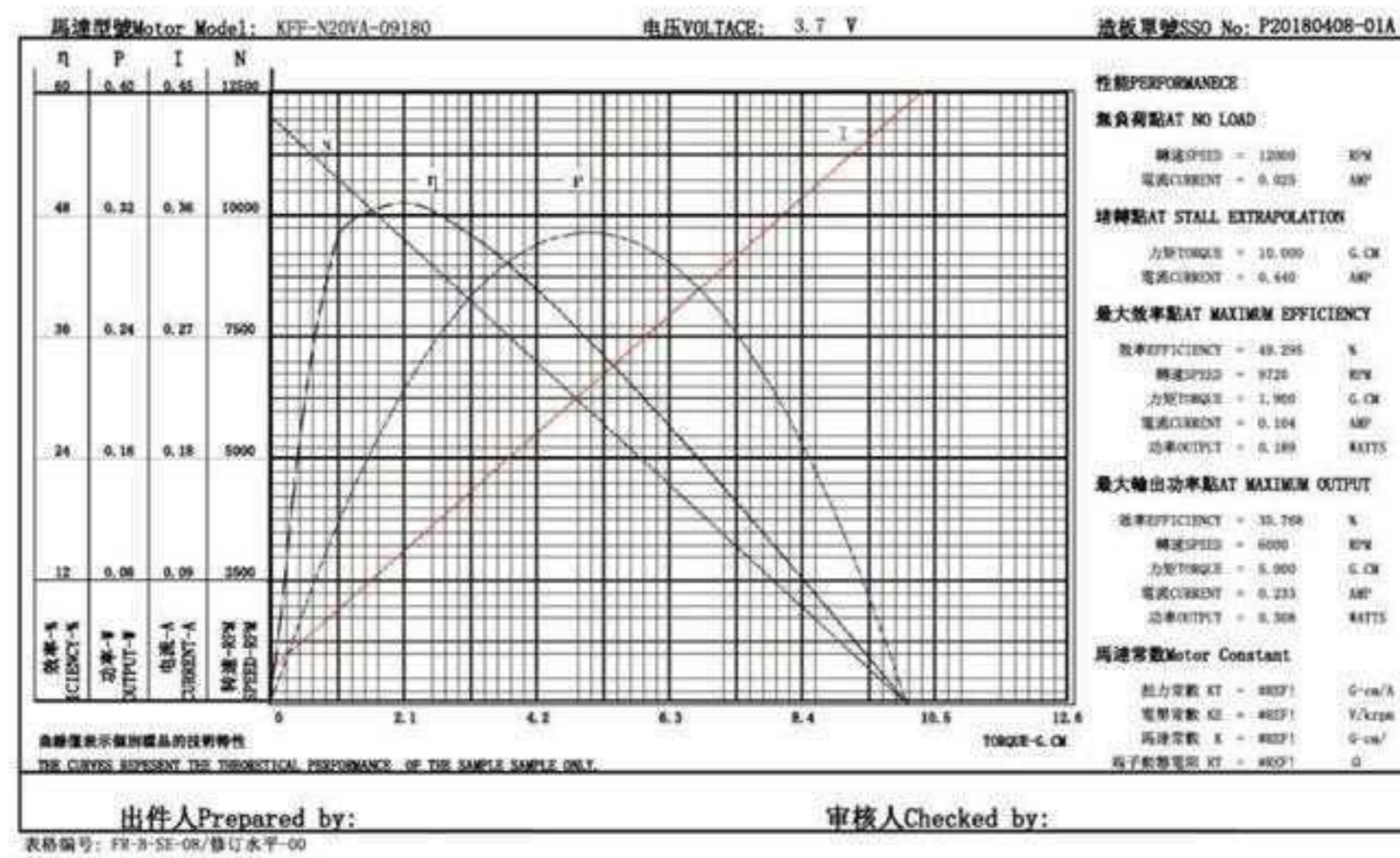
电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N20VA-06350	6.0	10000	12	8263	φ6x6x1.5	50	0.16	9.0	0.19
KFF-N20VA-09180	3.7	12000	25	10000	φ6x4x1.2	80	0.21	10.0	0.44
KFF-N20VA-08210	3.7	10000	22	7600	R5.5X6	100	0.17	9.0	0.31

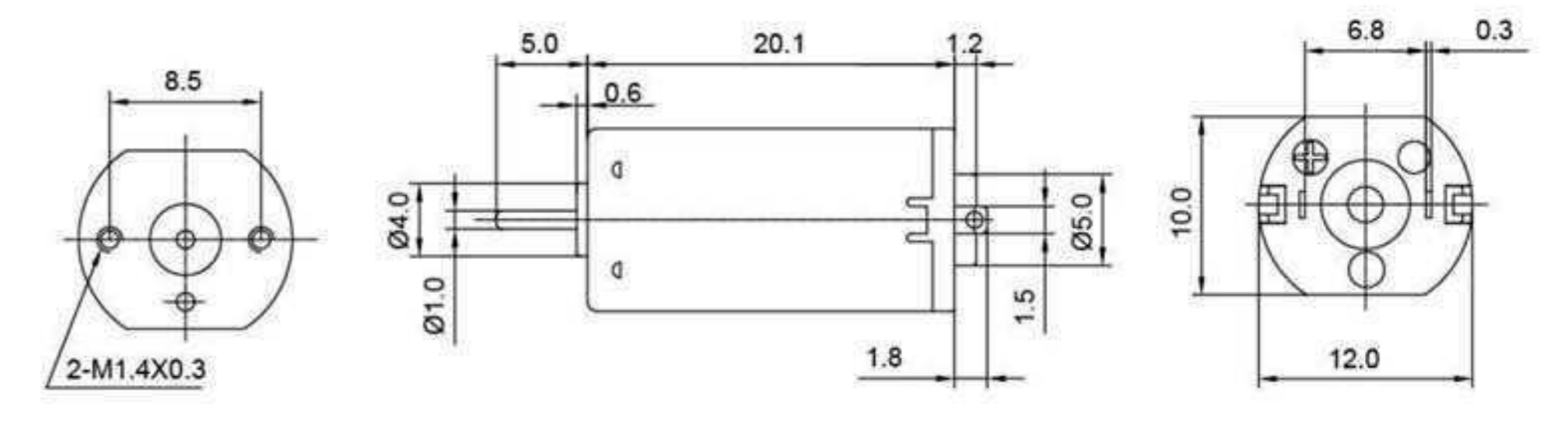
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



KC-N30VA



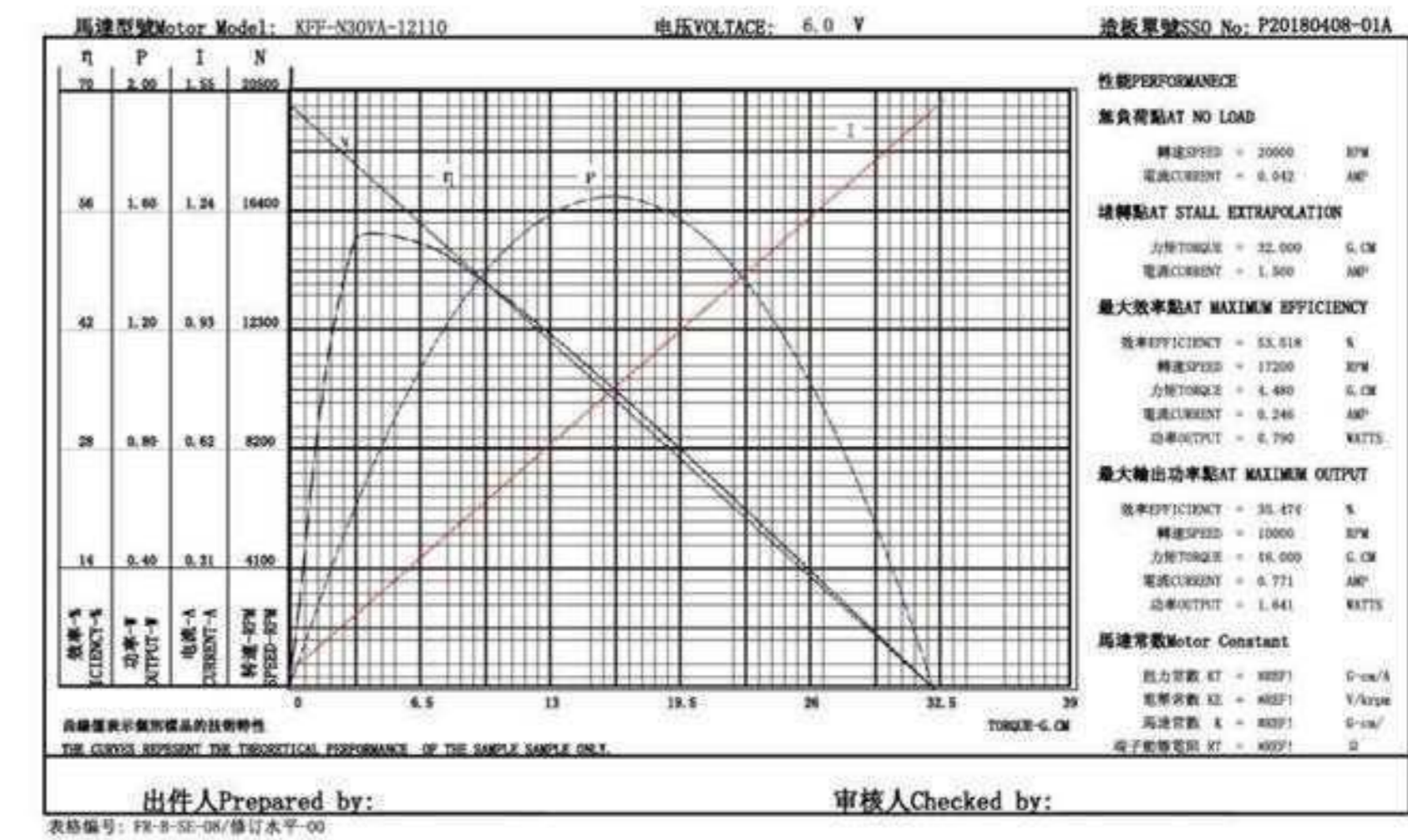
电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-N30VA-10130	3.7	10000	35	8500	3.00	130	0.28	14.0	0.57
KFF-N30VA-12110	6.0	20000	42	17200	5.10	230	0.90	32.0	1.50
KFF-N30VA-07290	12.0	15000	18	12300	4.18	75	0.52	21.0	0.38

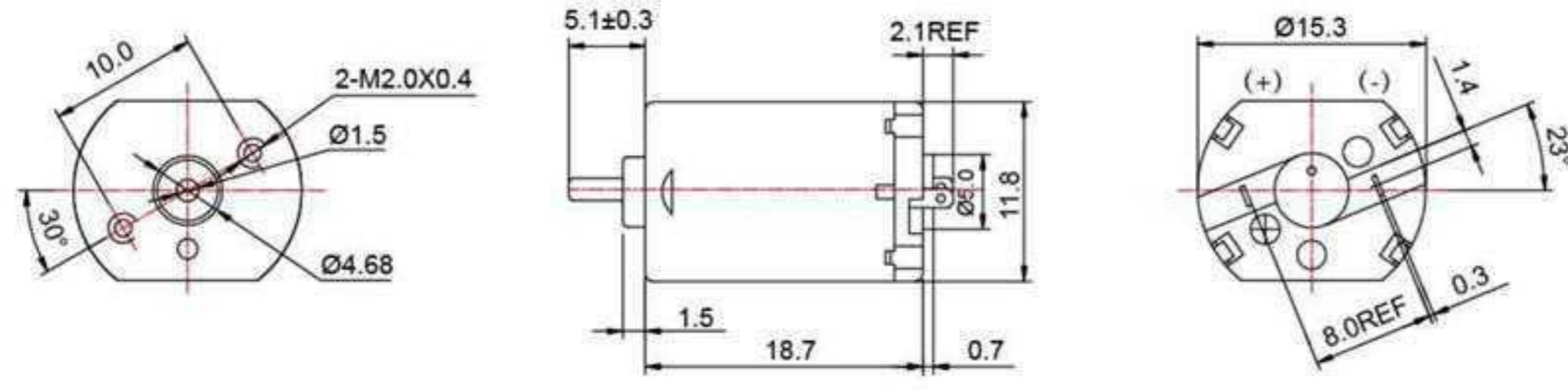
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



KC-030PK



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-030PK-2065	1.5	9100	100	7600	4.60	420	0.36	24.0	1.98
KFF-030PK-11160	3.0	7300	50	5800	3.90	160	0.25	18.0	0.61
KFF-030PK-07380	12.0	12600	20	10200	6.10	90	0.65	28.0	0.39

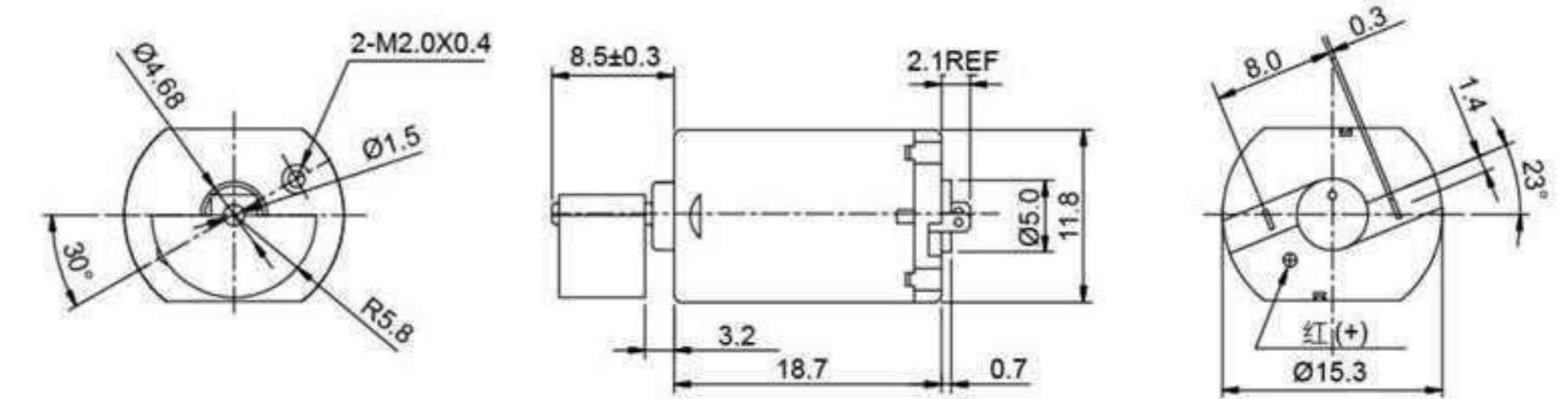
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



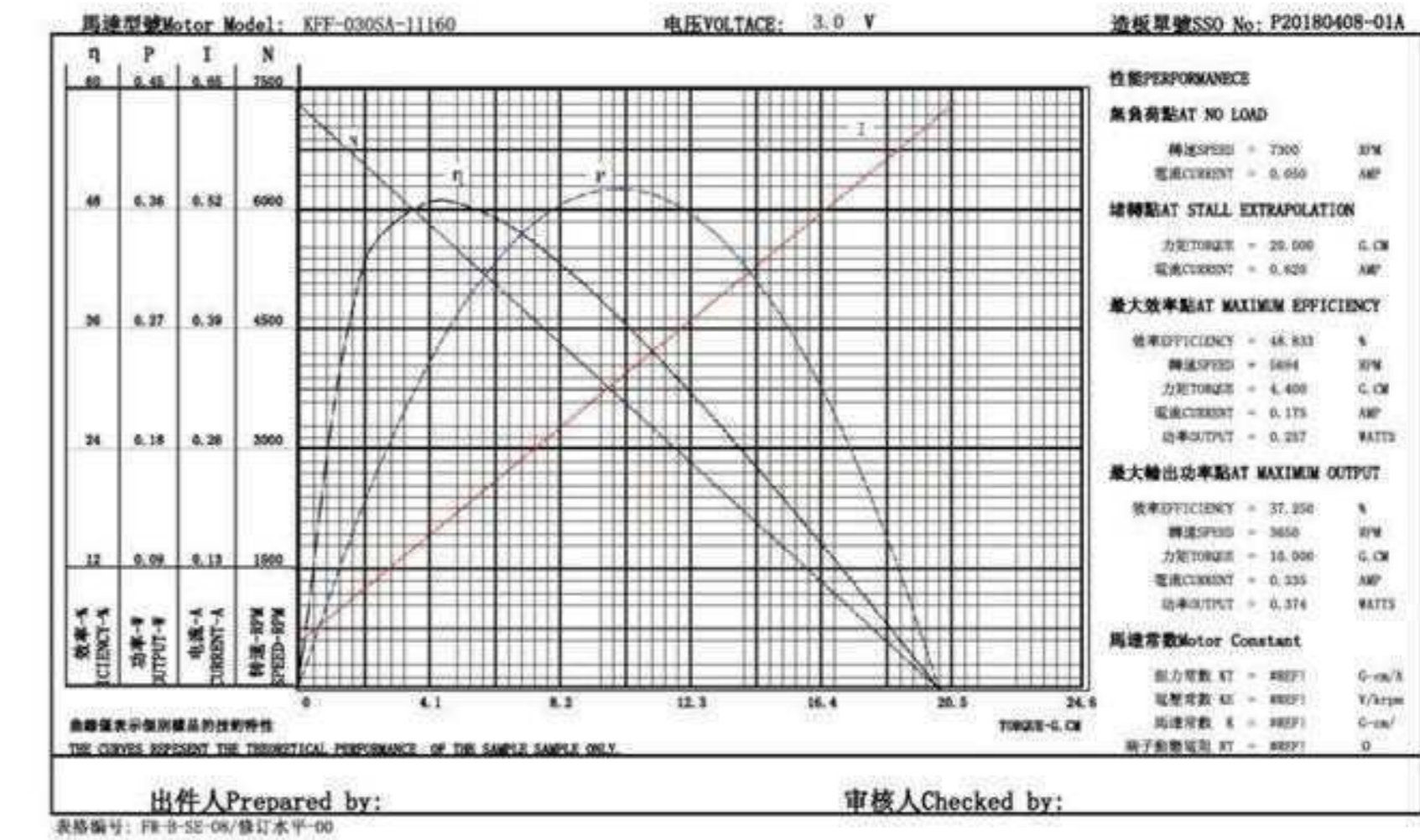
KC-030PB-Z



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-030PB-2065	1.5	9100	100	7600	4.60	420	0.36	24.0	1.98
KFF-030PB-11160	3.0	7300	50	5800	3.90	160	0.25	18.0	0.61
KFF-030PB-07380	12.0	12600	20	10200	6.10	90	0.65	28.0	0.39

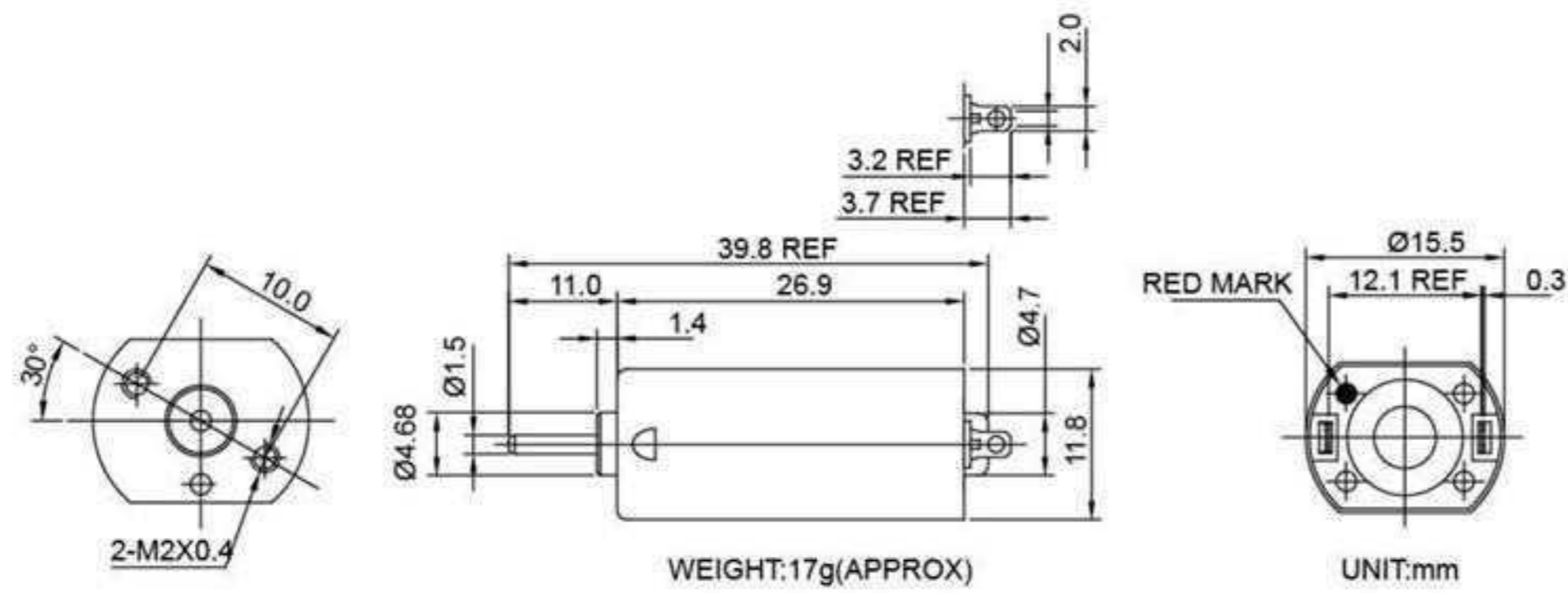
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



KC-050SH



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-050SH-12140	7.0	12500	60	9800	12.00	300	1.20	54.0	1.10
KFF-050SH-11160	7.0	10400	46	8400	8.50	200	0.73	45.0	0.85
KFF-050SH-09250	8.0	8100	23	6600	6.40	100	0.44	35.0	0.45

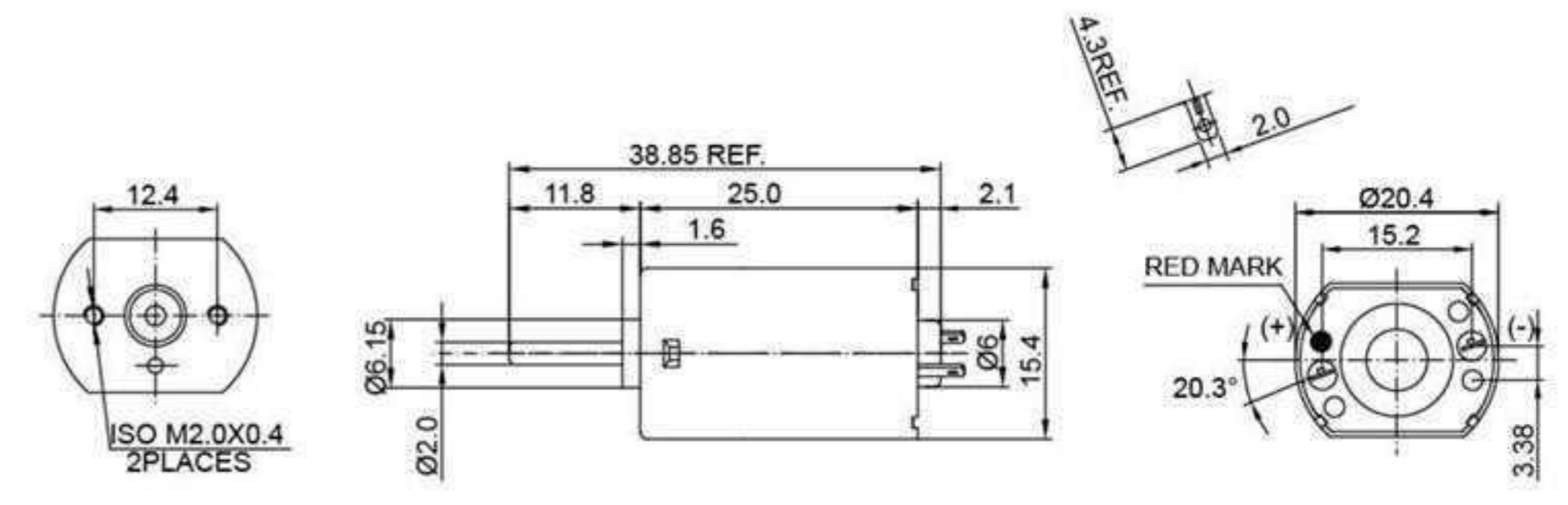
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



KC-130SH



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-130SH-17105	3.7	8500	95	7100	12.31	410	0.90	66.0	1.95
KFF-130SH-11280	6.0	5100	28	4200	8.46	110	0.37	40.0	0.51
KFF-130SH-11330	12.0	8600	30	7450	14.40	145	1.10	85.0	0.86

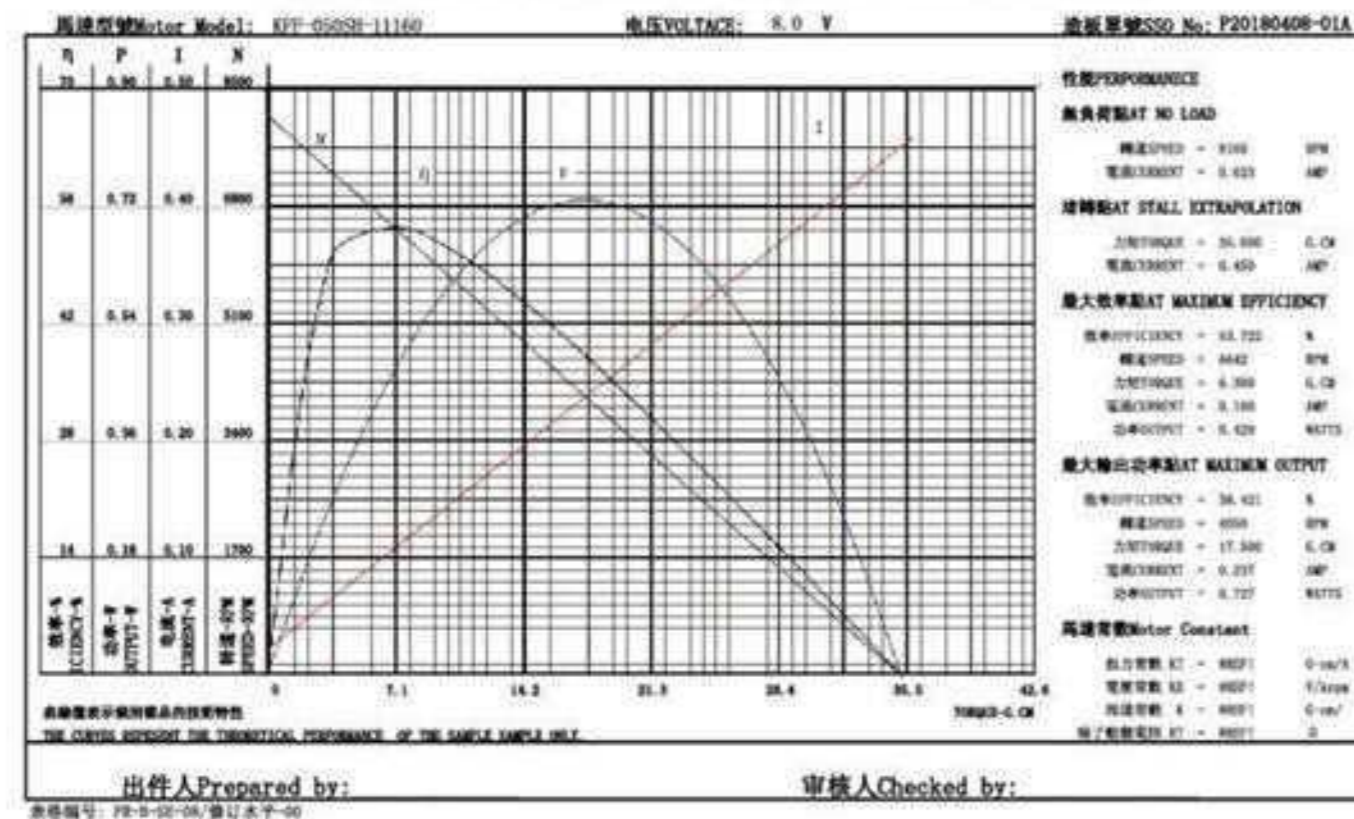
电机特性曲线 Motor Performance Curves and Characteristics



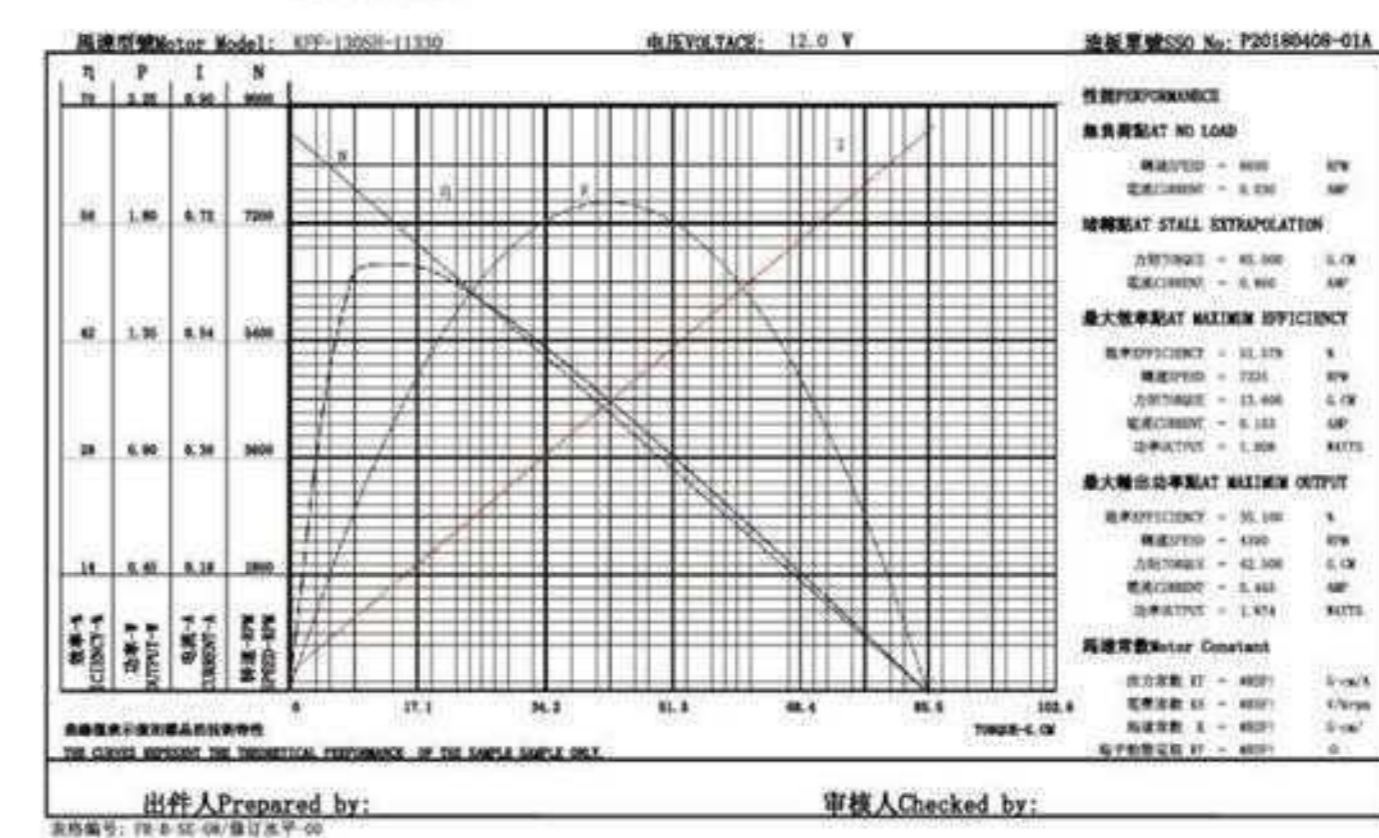
电机特性曲线 Motor Performance Curves and Characteristics



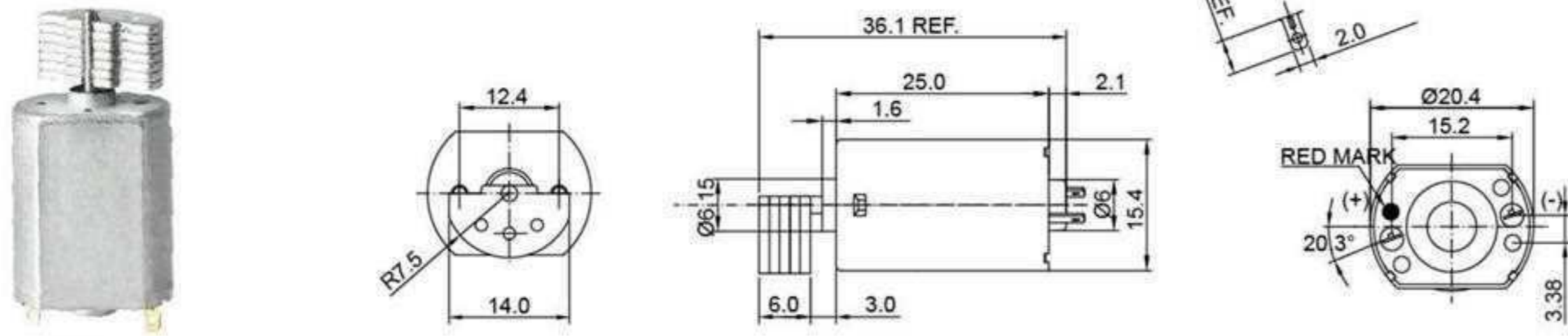
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



KC-130SH-Z



电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-130SH-17105	3.0	6800	95	5500	R8.0x6	380	0.62	51.0	1.80
KFF-130SH-07520	12.0	5900	30	5500	φ8x6x1.5	50	0.38	35.0	0.24

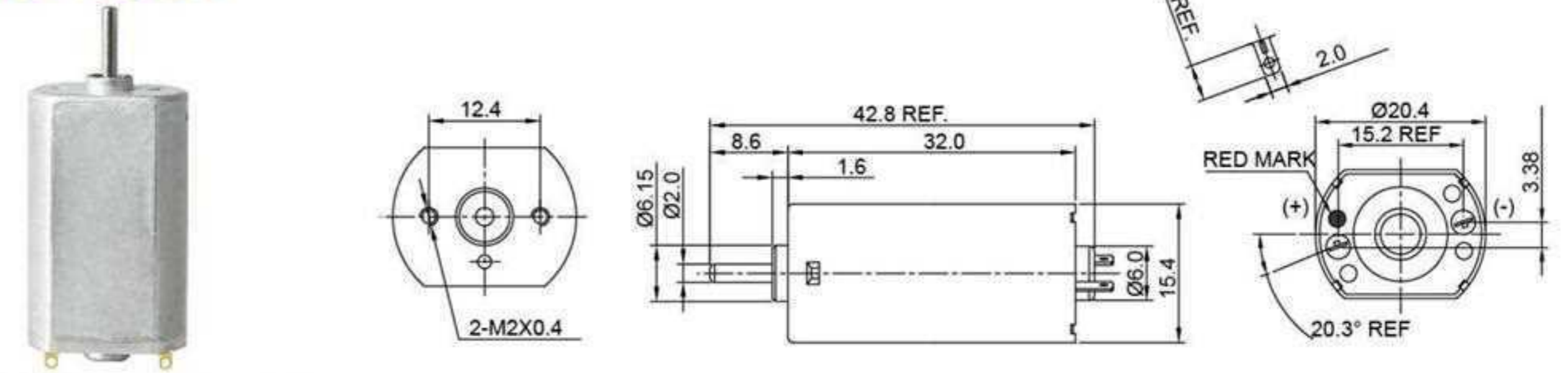
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



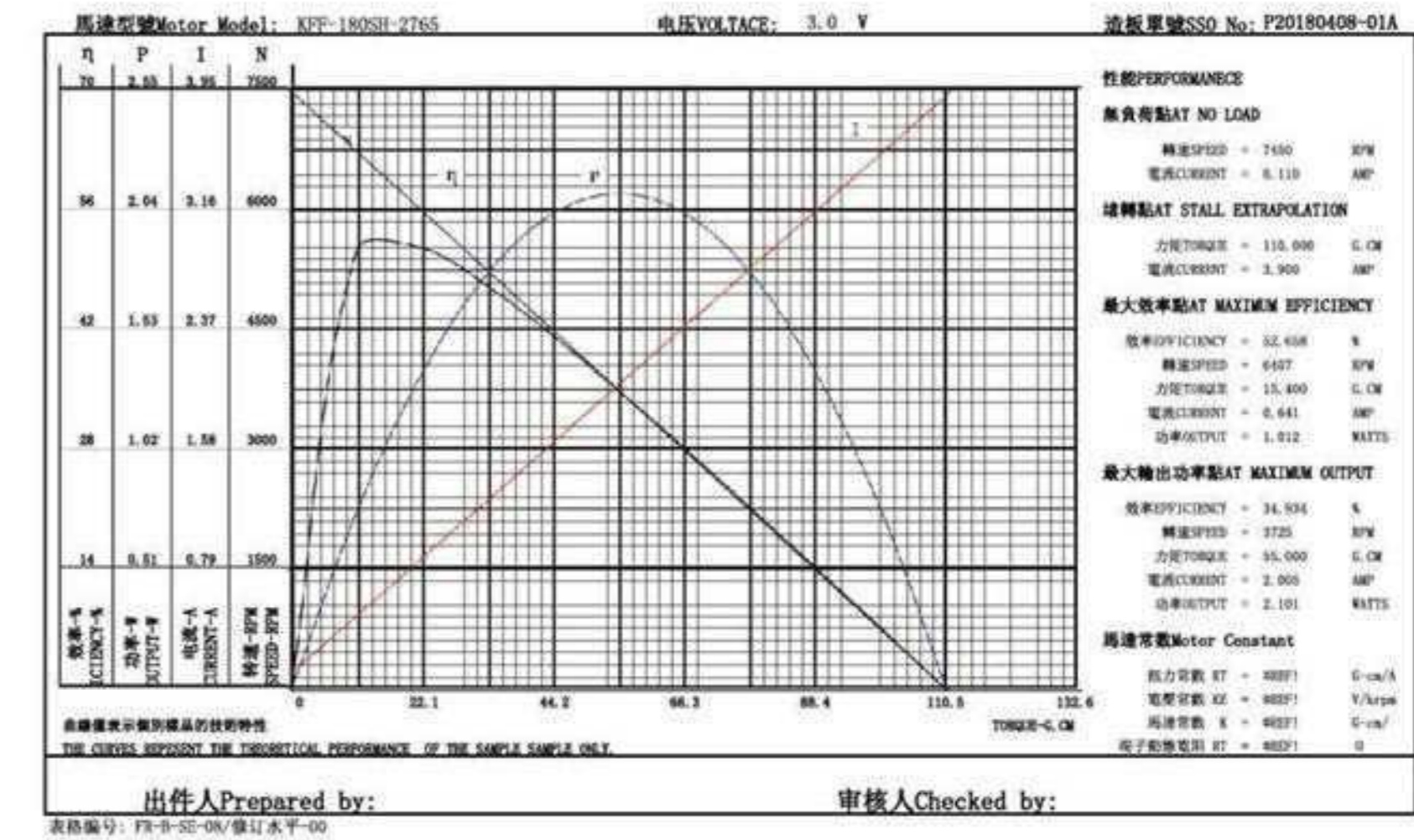
KC-180SH



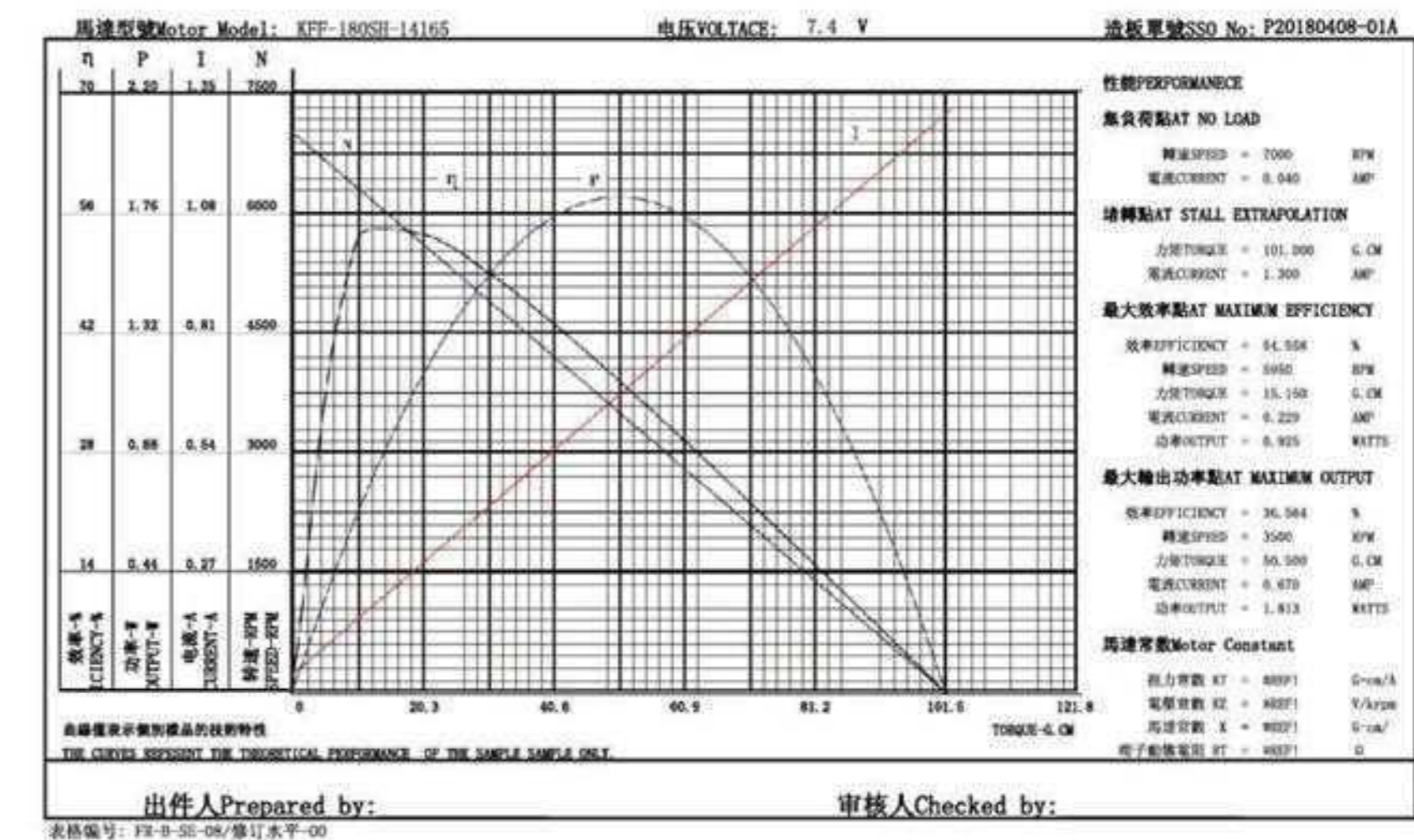
电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
KFF-180SH-2765	3.0	7450	110	6300	19.90	640	1.29	110.0	3.90
KFF-180SH-14D165	7.4	7000	40	6080	16.35	210	1.05	101.0	1.30
KFF-180SH-11295	12.0	6500	23	5600	15.60	120	0.90	98.0	0.73

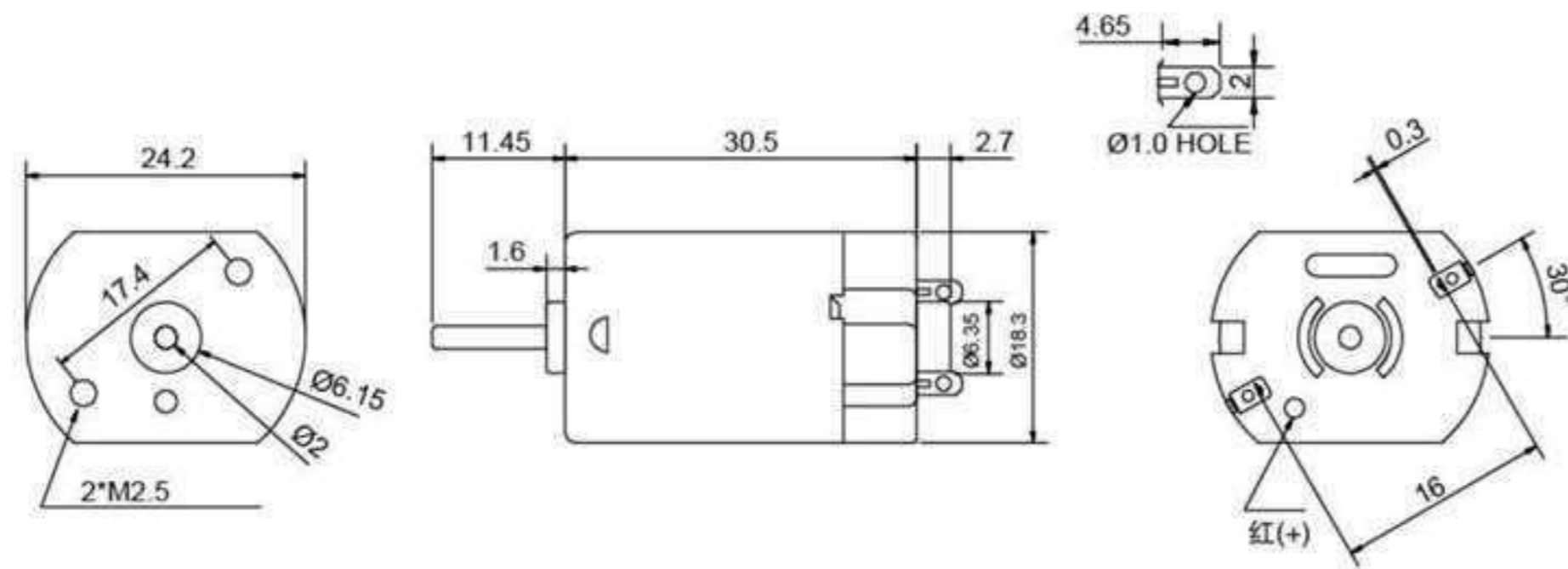
电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics

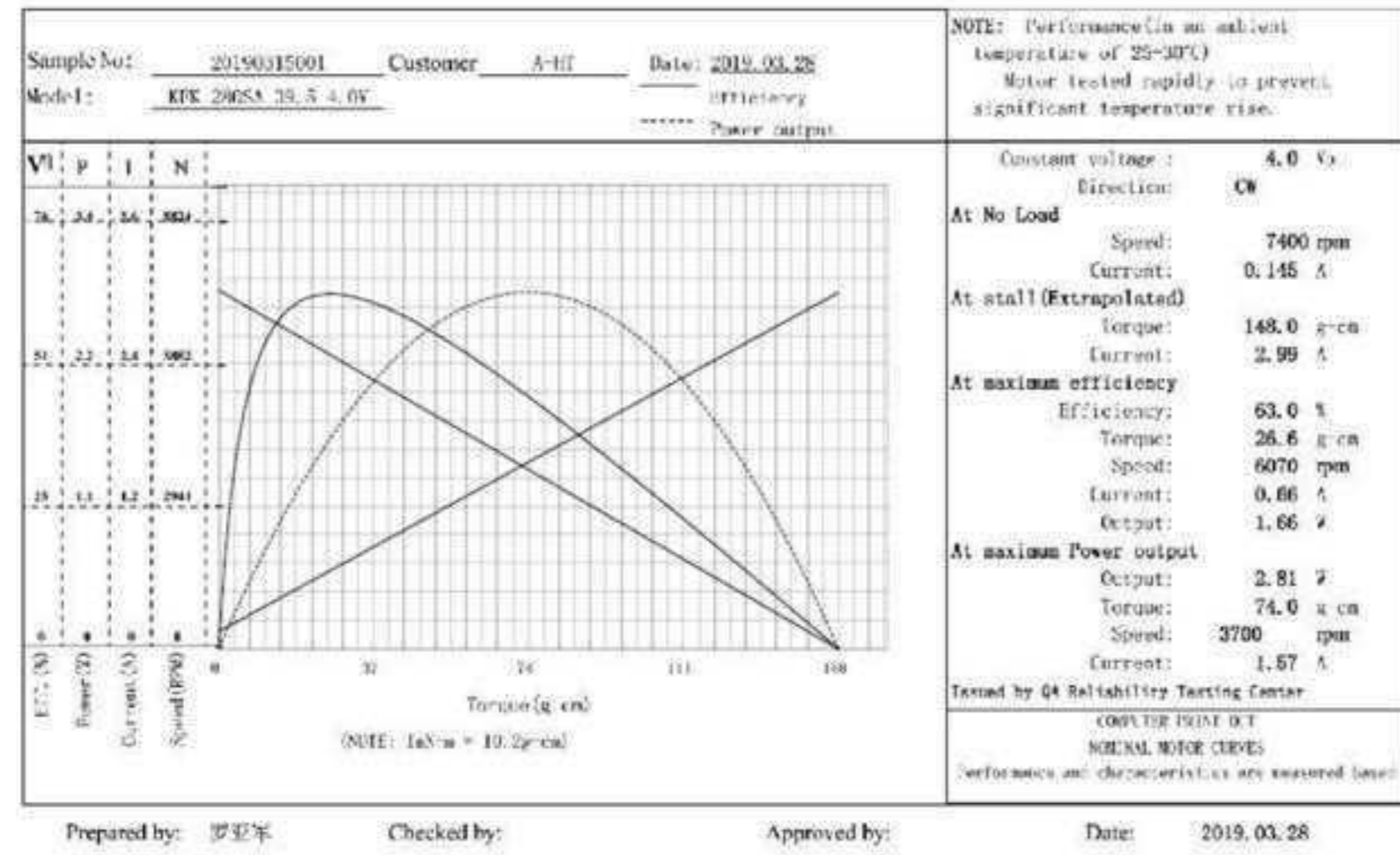
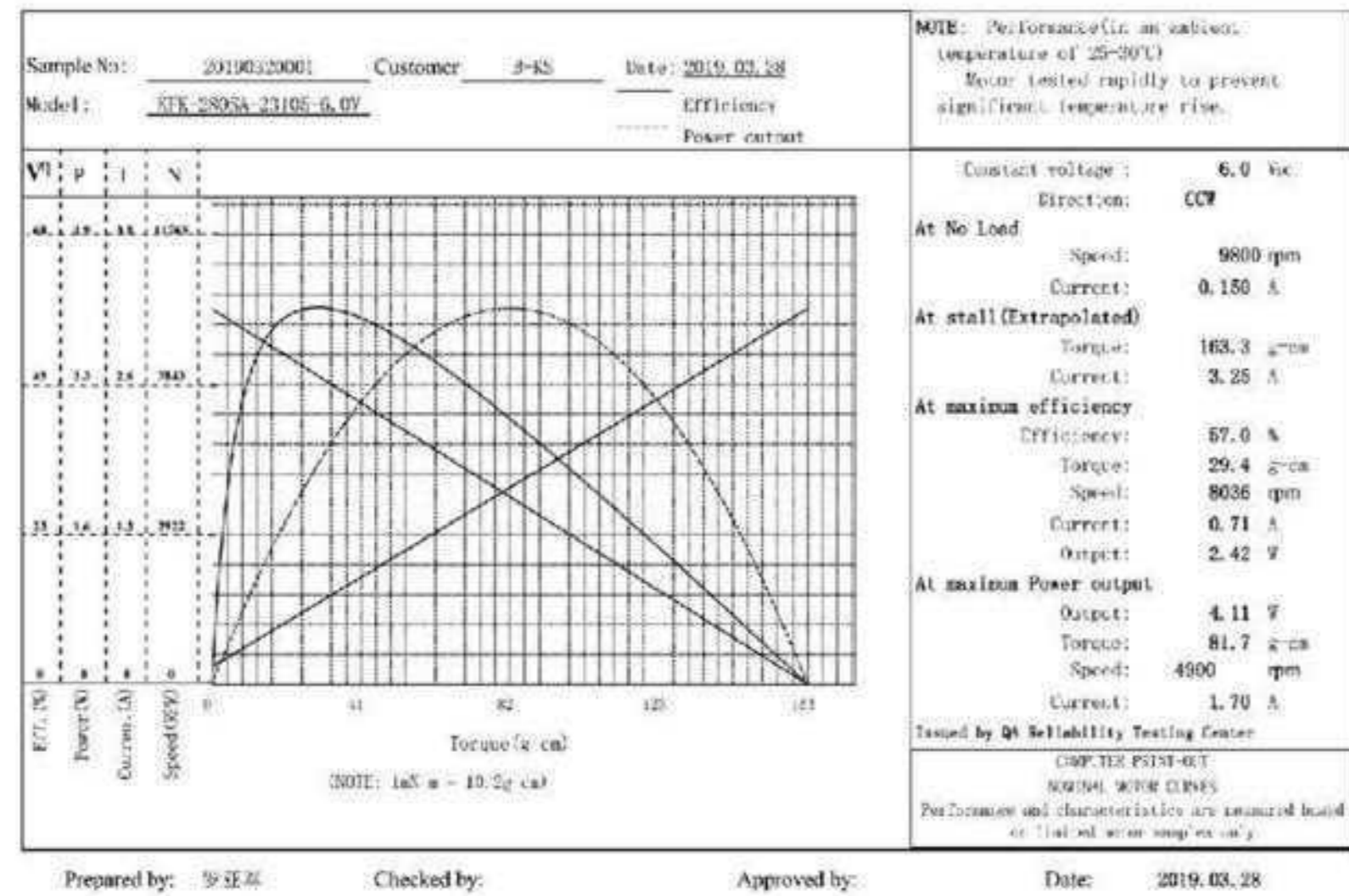


KC-280SA

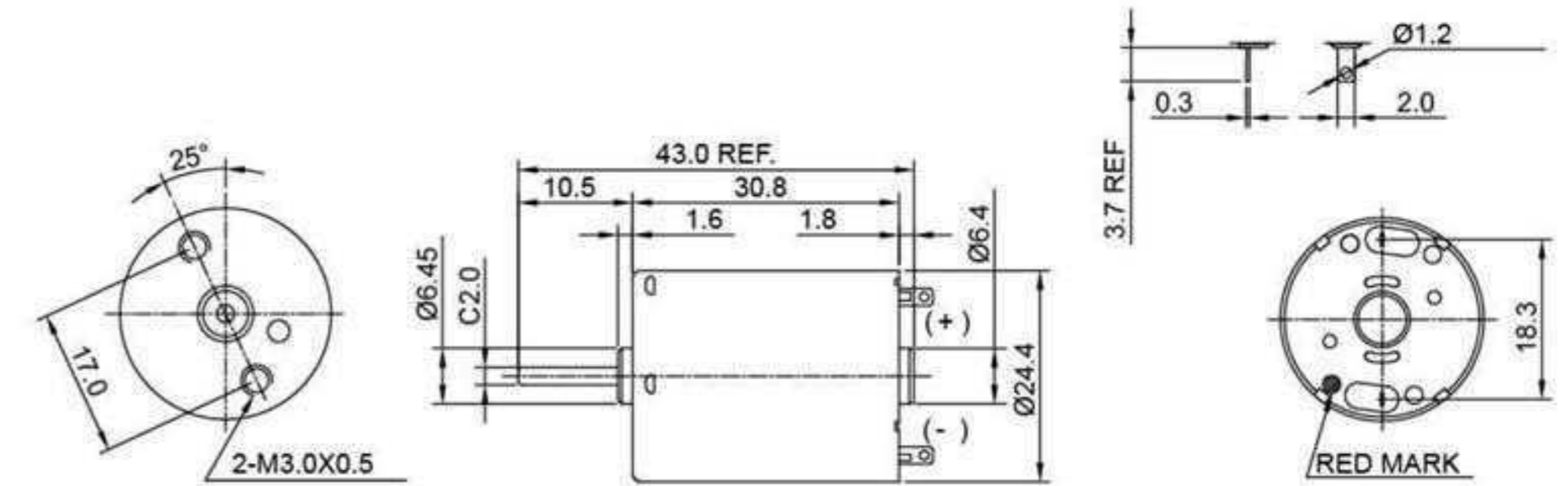


电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-280SA-2682	4.0	7400	145	6400	20.00	560	2.80	130.0	3.90
KFF-280SA-23105	6.0	9800	150	8000	30.00	720	4.11	160.0	3.50



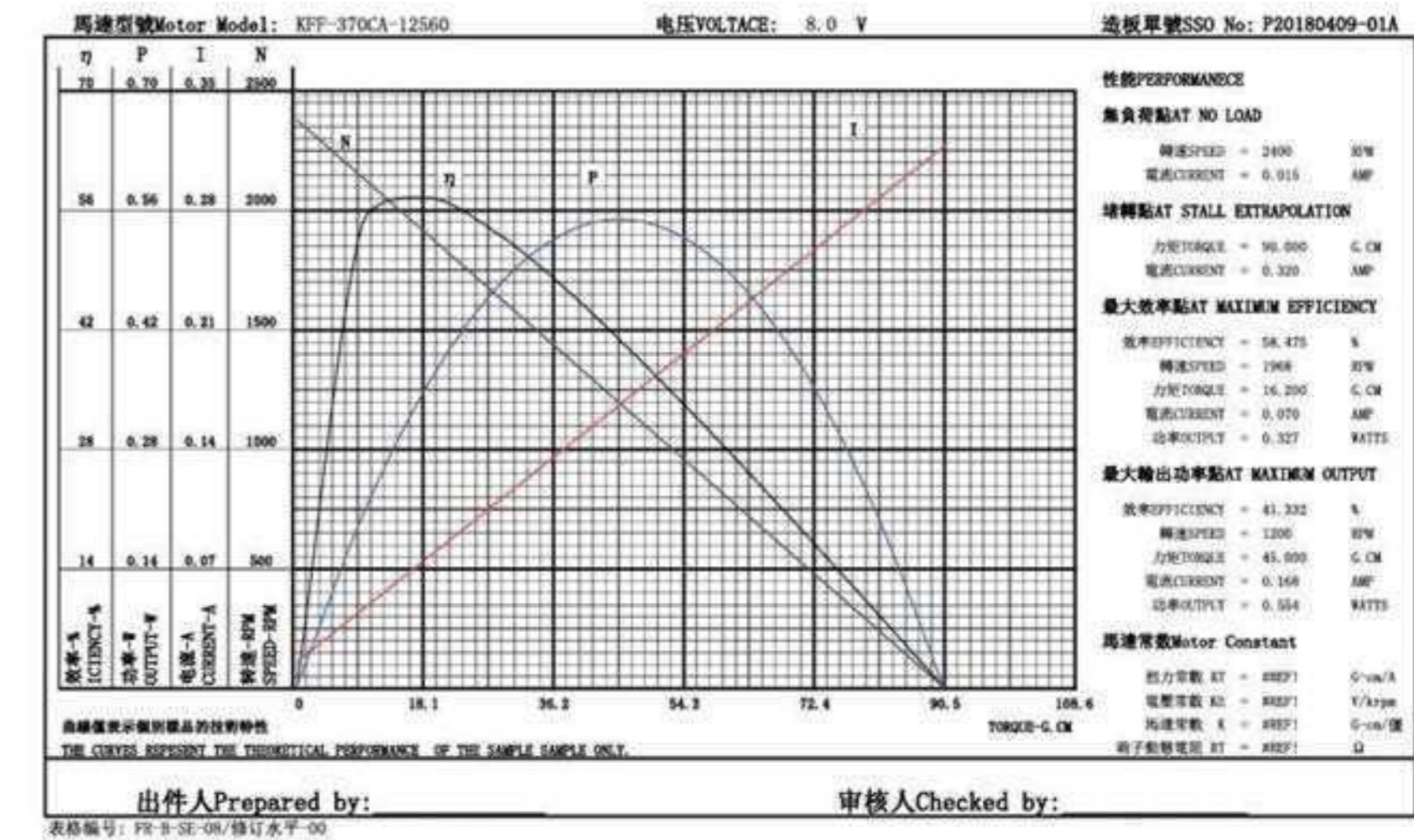
KC-370CA



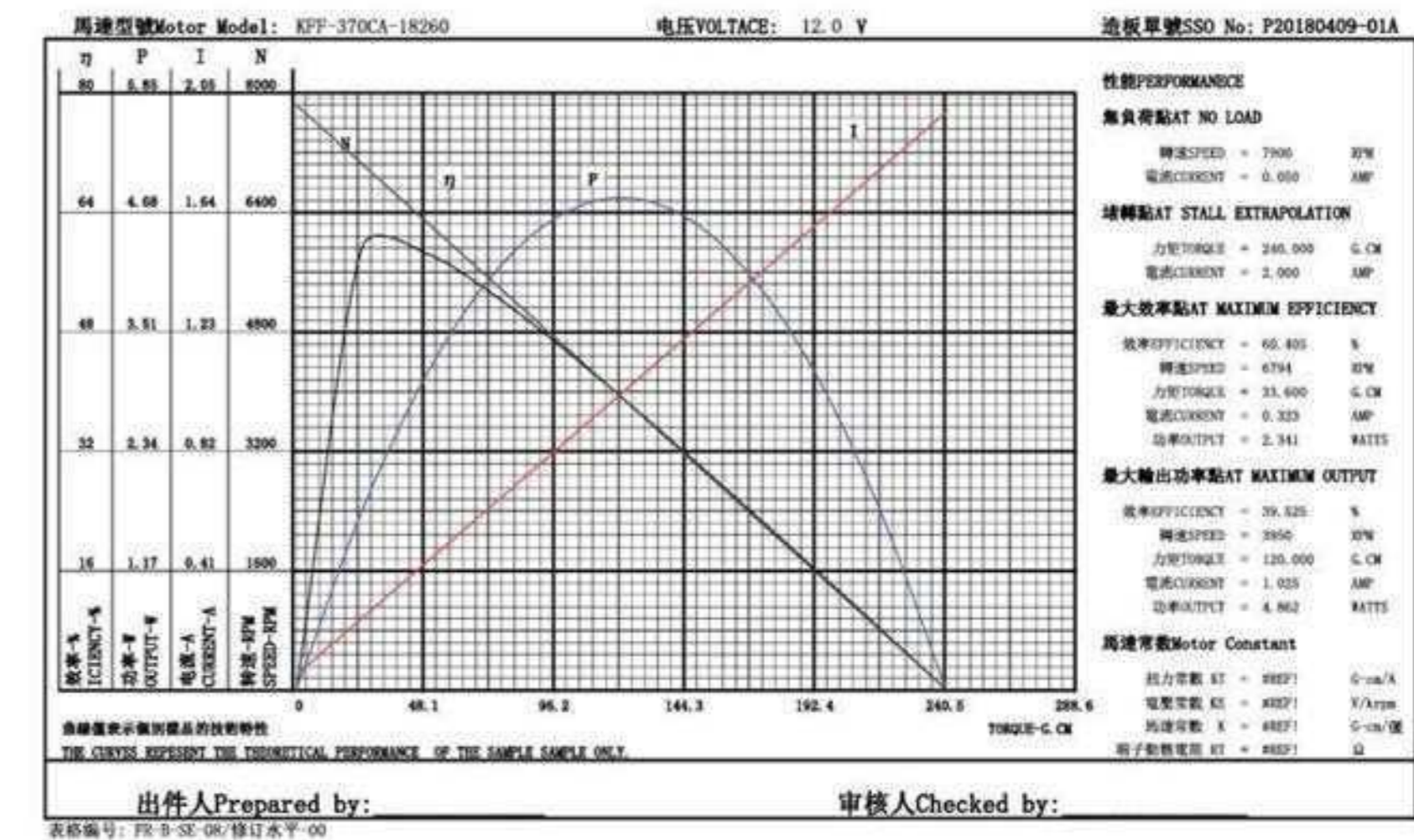
电机技术参数 Motor Technical Data

电机型号 Motor model No.	电压 voltage	空载 No-load		负载 AT Maximum Efficiency			功率 Output	堵转 Stall	
		转速 speed	电流 current	转速 speed	转矩 torque	电流 current		转矩 torque	电流 current
		VDC	r/min	mA	r/min	g.cm		mA	W
KFF-370CA-12560	8.0	2400	15	1970	16.00	69	0.32	90.0	0.32
KFF-370CA-18260	12.0	7900	50	6820	32.70	320	2.29	240.0	2.00
KFF-370CA-10800	24.0	5100	15	4310	26.30	82	1.16	170.0	0.45

电机特性曲线 Motor Performance Curves and Characteristics



电机特性曲线 Motor Performance Curves and Characteristics



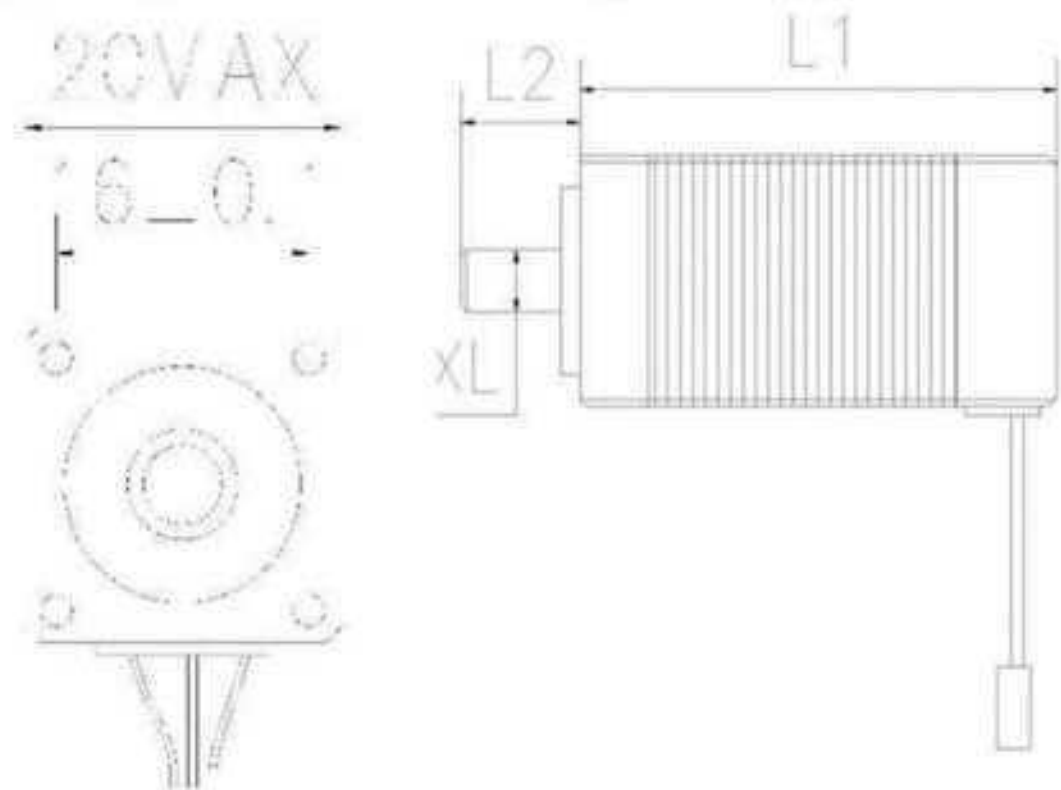
20系列
20 Series

产品参数/Product parameters



型号	Model	规格	Specification
项目	project		
步距角精度	Step angle accuracy		± 5%
电阻精度	Resistance accuracy		± 10% ohm
电感精度	Inductance accuracy		± 20% mh
温升	Temperature rise		80°Cmax
绝缘电阻	Insulation resistance		≥ 100m Ω min. 500v
绝缘等级	Insulation grade		B
介电强度	Dielectric strength		AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout		Radial thrust 1Kgf ≤ s0.02mm
运行温度	Operating temperature		-20~50°C
使用环境湿度	Use ambient humidity		90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
24	10	φ4	10	φ4	3.5
38	10	φ5	10	φ5	4.5

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻 Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
20HN24-8-25Y	1.8°	24	0.45	8	10	4
20HN38-11-14Y	1.8°	38	0.3	11	20	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor, the length of shaft and Parameters can be customized according to customer requirements.

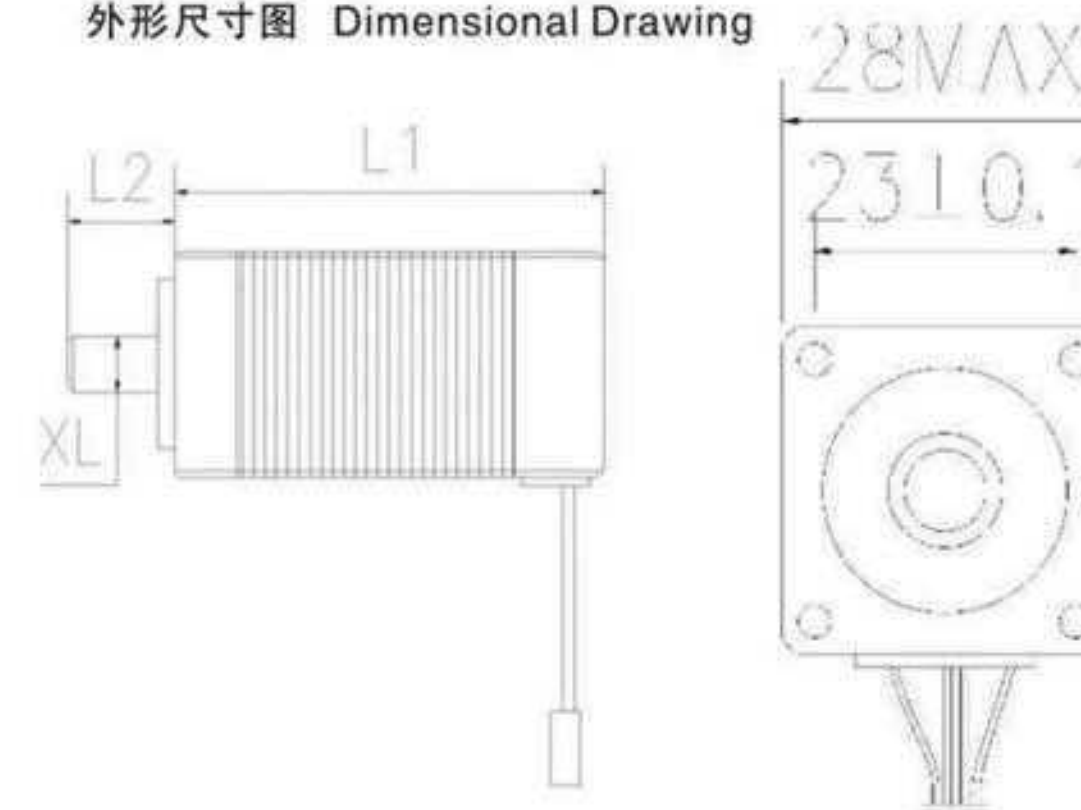
28系列
28 Series

产品参数/Product parameters



型号	Model	规格	Specification
项目	project		
步距角精度	Step angle accuracy		± 5%
电阻精度	Resistance accuracy		± 10% ohm
电感精度	Inductance accuracy		± 20% mh
温升	Temperature rise		80°Cmax
绝缘电阻	Insulation resistance		≥ 100m Ω min. 500v
绝缘等级	Insulation grade		B
介电强度	Dielectric strength		AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout		Radial thrust 1Kgf ≤ s0.02mm
运行温度	Operating temperature		-20~50°C
使用环境湿度	Use ambient humidity		90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
25	15	φ5	10	φ5	4.5
30	15	φ5	10	φ5	4.5
40	17	φ5	10	φ5	4.5
50	15	φ5	10	φ5	4.5

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻 Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
28HN25-8-15Y	1.8°	25	0.45	8	50	4
28HN30-8-15Y	1.8°	30	0.45	8	66	4
28HN40-8-15Y	1.8°	40	0.45	8	90	4
28HN50-3-15A	1.8°	50	1.2	3	150	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor, the length of shaft and Parameters can be customized according to customer requirements.

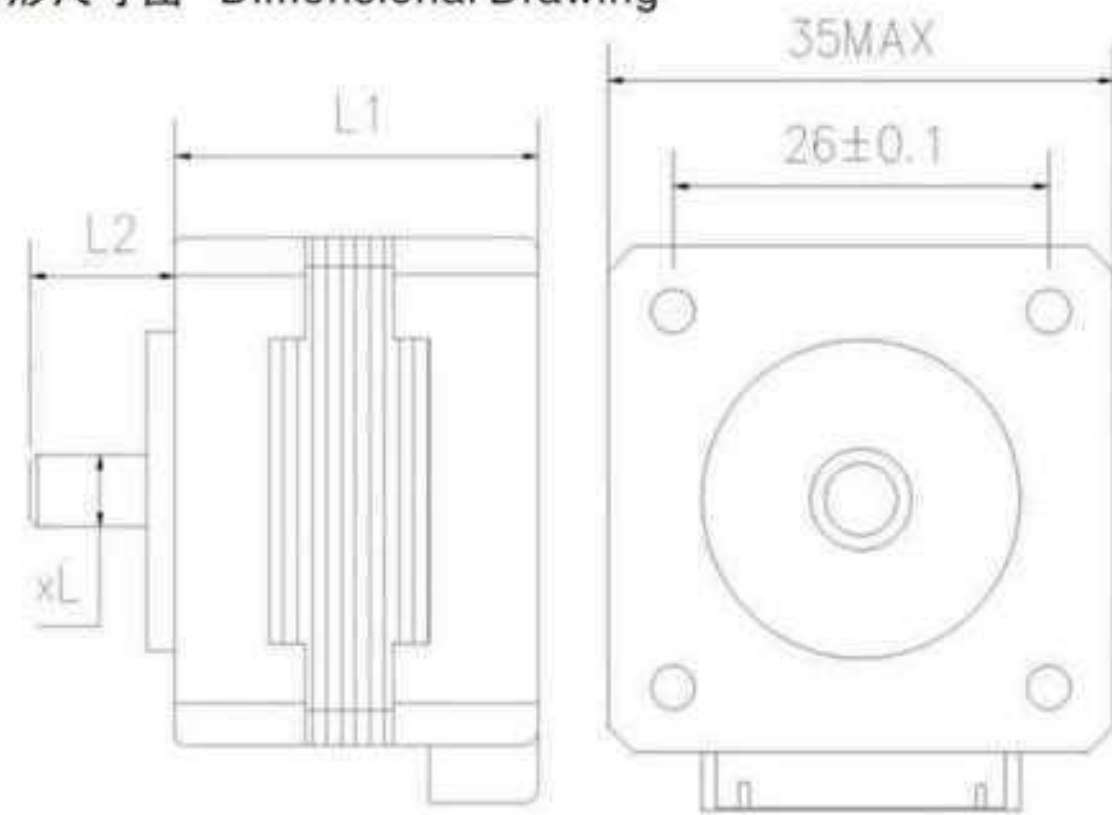
35系列
35 Series

产品参数/Product parameters



型号	Model	规格 Specification
项目	project	
步距角精度	Step angle accuracy	± 5%
电阻精度	Resistance accuracy	± 10% ohm
电感精度	Inductance accuracy	± 20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ sO.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
20	10-30	φ5	10	φ5	4.5
23	10-30	φ5	10	φ5	4.5
25	10-30	φ5	10	φ5	4.5
28	10-30	φ5	10	φ5	4.5

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
35HY20-20-13A	1.8°	20	0.38	20	60	4
35HY23-20-15A	1.8°	23	0.35	20	100	4
35HY25-20-18A	1.8°	25	0.35	20	160	4
35HY30-20-20A	1.8°	30	0.35	20	190	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor ,the length of shaft and Parameters can be customized according to customer requirements.

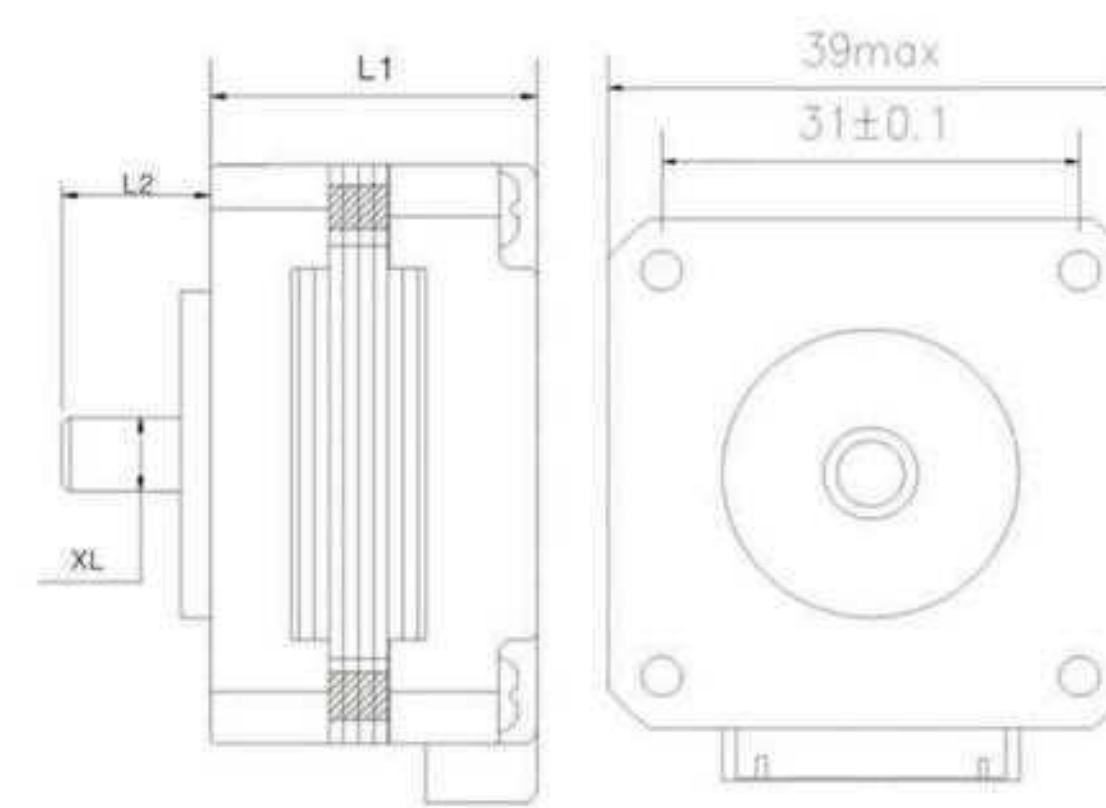
39系列
39 Series

产品参数/Product parameters



型号	Model	规格 Specification
项目	project	
步距角精度	Step angle accuracy	± 5%
电阻精度	Resistance accuracy	± 10% ohm
电感精度	Inductance accuracy	± 20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ sO.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
25	10-30	φ5	10	φ5	4.5
30	10-30	φ5	10	φ5	4.5
40	10-30	φ5	10	φ5	4.5
50	10-30	φ5	10	φ5	4.5

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
39HY20-20-15A	1.8°	20	0.35	20	120	4
39HY22-24-15A	1.8°	22	0.35	24	150	4
39HY25-20-18A	1.8°	25	0.35	20	190	4
39HY28-28-20A	1.8°	28	0.35	28	210	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor ,the length of shaft and Parameters can be customized according to customer requirements.

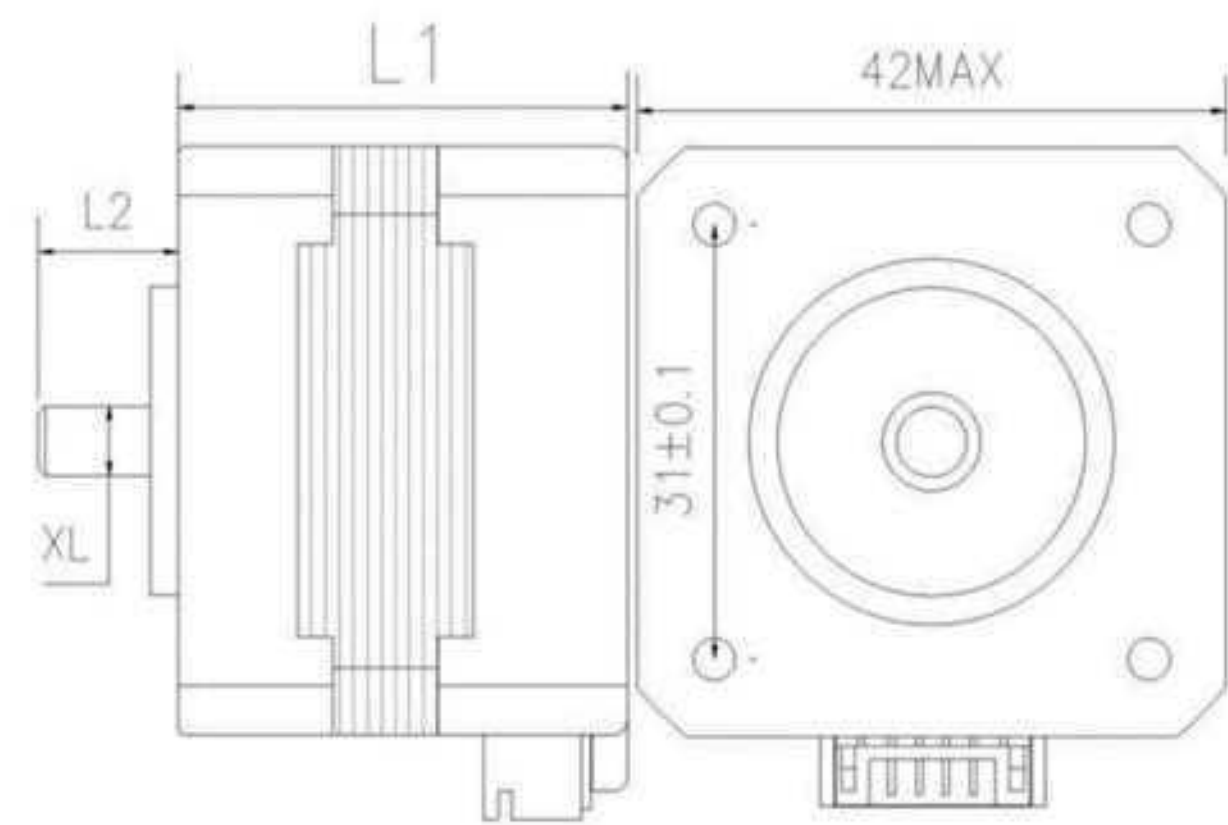
42系列
42 Series

产品参数/Product parameters



型号	Model	规格 Specification
项目	project	
步距角精度	Step angle accuracy	±5%
电阻精度	Resistance accuracy	±10% ohm
电感精度	Inductance accuracy	±20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ s0.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
34	10-30	φ5	10-30	φ5	4.5
40	10-30	φ5	10-30	φ5	4.5
48	10-30	φ5	10-30	φ5	4.5
60	10-30	φ5	10-30	φ5	4.5

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
42HY34-12-15A	1.8°	34	0.4	12	230	4
42HY40-1.8-24A	1.8°	40	1.5	1.8	420	4
42HN48-1.8-22A	1.8°	48	1.5	1.8	500	4
42HNN60-3-24A	1.8°	60	1.5	1.8	650	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment:L1 is the length of motor ,the length of shaft and Parameters can be customized according to customer requirements.

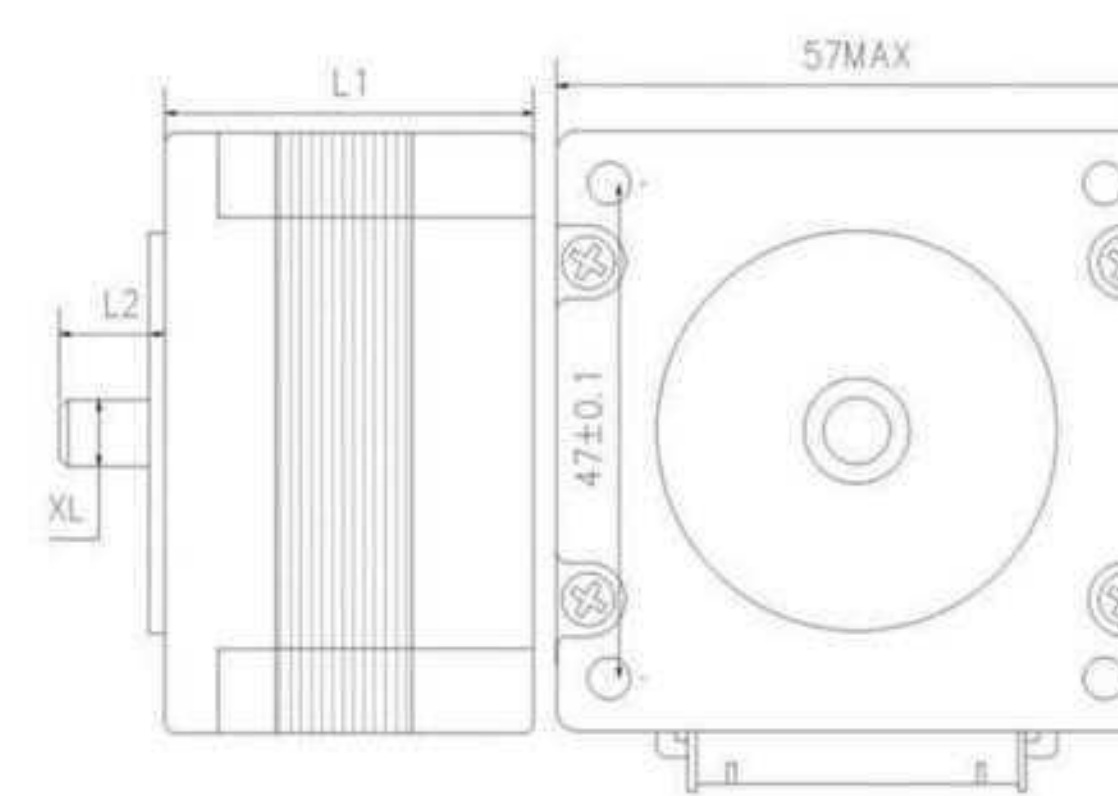
57系列
57 Series

产品参数/Product parameters



型号	Model	规格 Specification
项目	project	
步距角精度	Step angle accuracy	±5%
电阻精度	Resistance accuracy	±10% ohm
电感精度	Inductance accuracy	±20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ s0.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
45	10-30	φ6.35	10-30	φ6.35	4.5
56	10-30	φ8	10-30	φ8	7.5
76	10-30	φ8	10-30	φ8	7.5
97	10-30	φ8	10-30	φ8	7.5

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
57HN45-8-27B	1.8°	45	0.8	12	550	4
57HN56-1-28B	1.8°	56	1.8	1	800	4
57HN76-1.1-28B	1.8°	76	2	1.1	1200	4
57HN97-0.9-30B	1.8°	97	3	0.9	2200	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment:L1 is the length of motor ,the length of shaft and Parameters can be customized according to customer requirements.

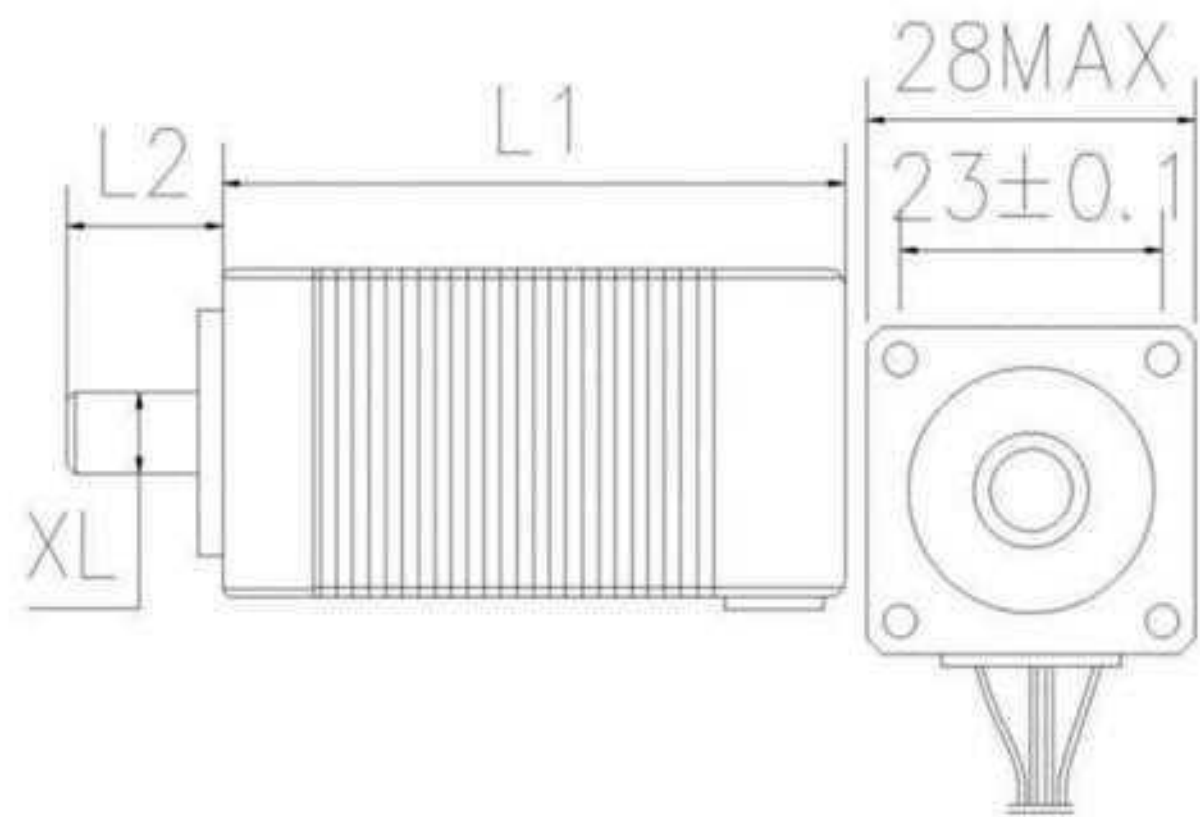
28丝杆系列
28 Screw Series

产品参数/Product parameters

型号	Model	规格 Specification
项目	project	规格 Specification
步距角精度	Step angle accuracy	± 5%
电阻精度	Resistance accuracy	± 10% ohm
电感精度	Inductance accuracy	± 20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ sO.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max



外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
25	20-80	Tr5X0.8	20-80		
30	20-80	Tr8X8	20-80		
40	20-80	Tr6.5X6	20-80		
50	20-80	Tr8X2	20-80		

参数表 Parameters Table

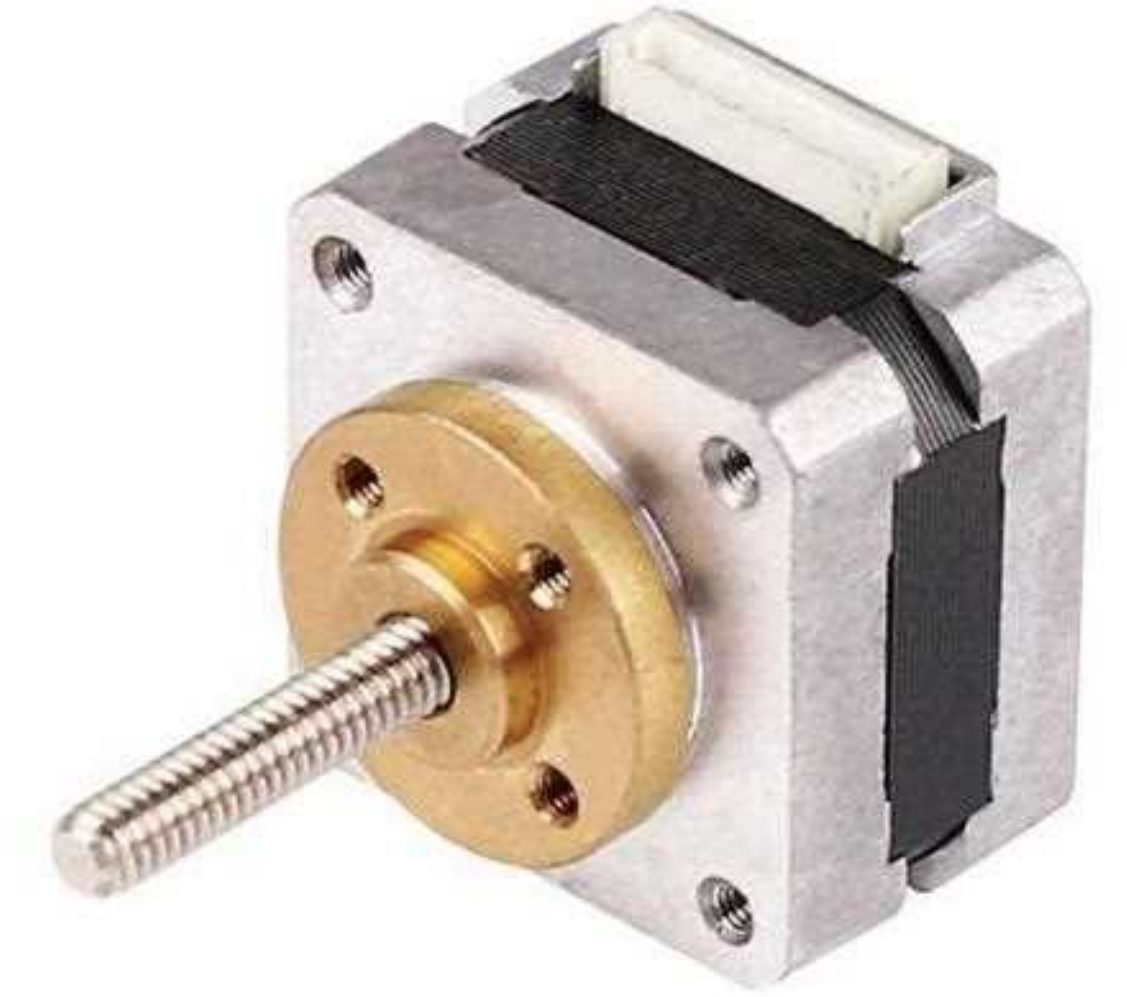
型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻 Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
28HN25-3-40Y(Tr5X0.8)	1.8°	25	0.8	3	56	4
28HN30-2.7-50A(Tr8X8)	1.8°	30	1.2	2.7	78	4
28HN40-3-50Y(Tr6.5X6)	1.8°	40	1.2	3	100	4
28HN50-4-100A(Tr8X2)	1.8°	50	1.5	4	130	4

备注: L1代表机身长度, 出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor, the length of shaft and Parameters can be customized according to customer requirements.

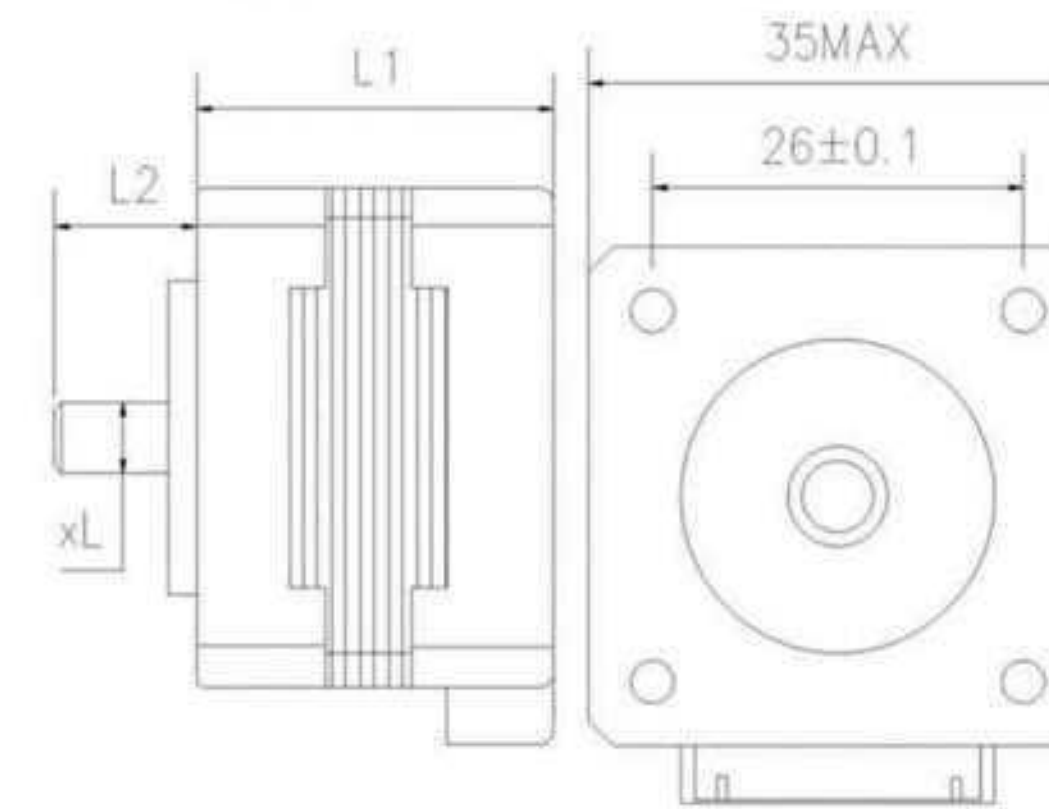
35丝杆系列
35 Screw Series

产品参数/Product parameters

型号	Model	规格 Specification
项目	project	规格 Specification
步距角精度	Step angle accuracy	± 5%
电阻精度	Resistance accuracy	± 10% ohm
电感精度	Inductance accuracy	± 20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ sO.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max



外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
23	20-80	Tr5X0.8	20-80		
25	20-80	Tr8X8	20-80		
28	20-80	Tr6.5X6	20-80		

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻 Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
35HY23-20-40Y(Tr5X0.8)	1.8°	23	0.35	20	120	4
35HY25-20-50A(Tr8X8)	1.8°	25	0.4	20	150	4
35HY28-20-50Y(Tr6.5X6)	1.8°	28	0.45	20	170	4

备注: L1代表机身长度, 出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor, the length of shaft and Parameters can be customized according to customer requirements.

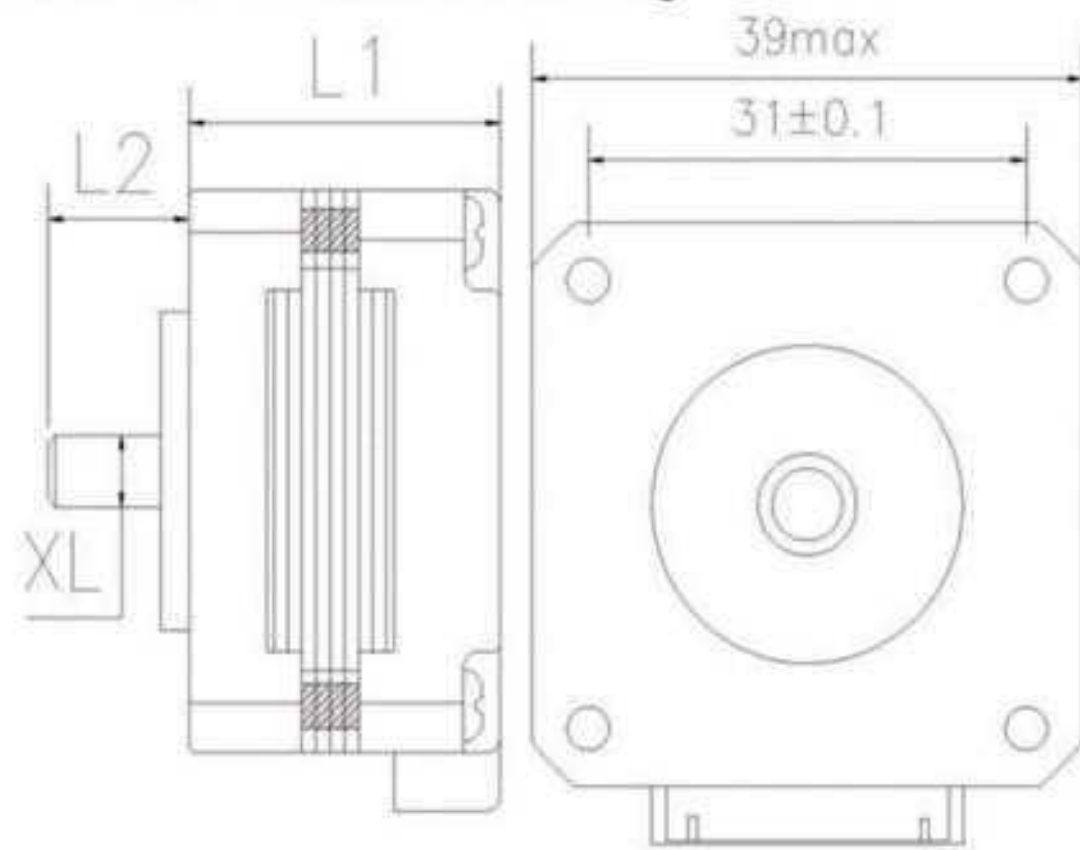
39丝杆系列 39 Screw Series

产品参数/Product parameters



型号	Model	规格 Specification
项目	project	规格 Specification
步距角精度	Step angle accuracy	± 5%
电阻精度	Resistance accuracy	± 10% ohm
电感精度	Inductance accuracy	± 20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ sO.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
22	40	Tr5X0.8			
25	20-80	Tr8X8	20-80		
28	20-80	Tr6.5X6	20-80		

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻 Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
39HY22-24-40Y(Tr5X0.8)	1.8°	22	0.3	24	160	4
39HY25-13-50A(Tr8X8)	1.8°	25	0.4	13	210	4
39HY28-28-50Y(Tr6.5X6)	1.8°	28	0.3	28	230	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor, the length of shaft and Parameters can be customized according to customer requirements.

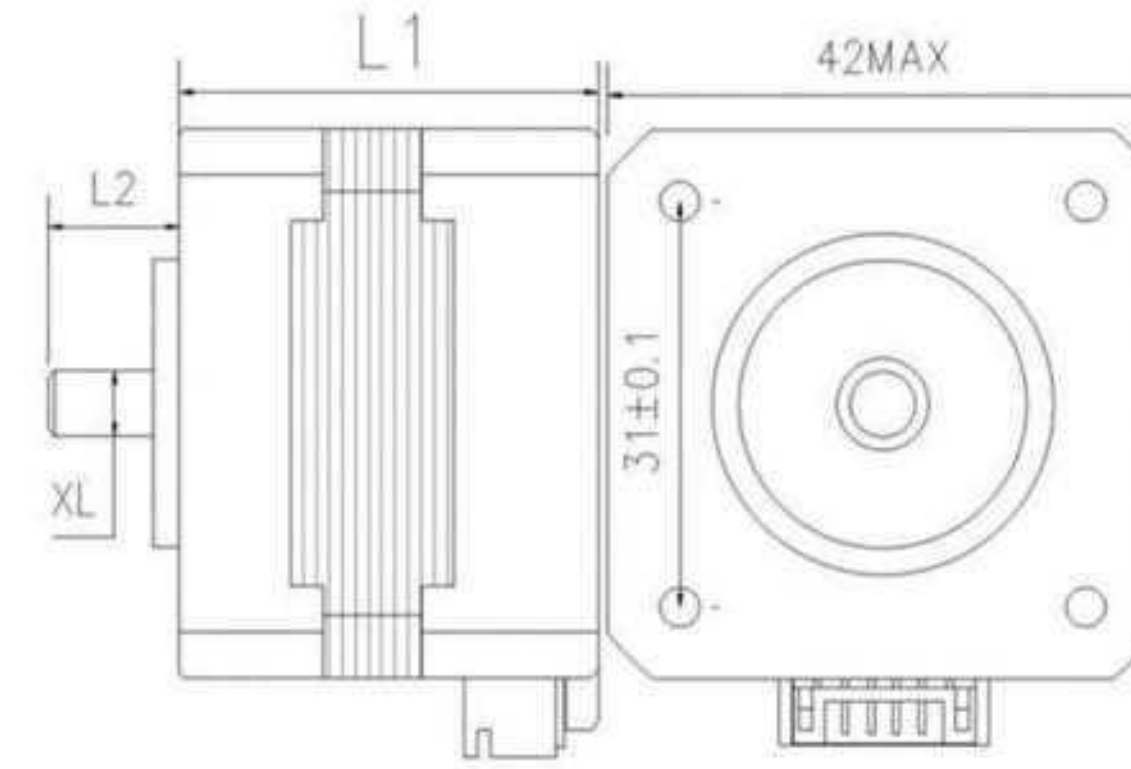
42丝杆系列 42 Screw Series

产品参数/Product parameters



型号	Model	规格 Specification
项目	project	规格 Specification
步距角精度	Step angle accuracy	± 5%
电阻精度	Resistance accuracy	± 10% ohm
电感精度	Inductance accuracy	± 20% mh
温升	Temperature rise	80°Cmax
绝缘电阻	Insulation resistance	≥ 100m Ω min. 500v
绝缘等级	Insulation grade	B
介电强度	Dielectric strength	AC600/ 50Hz/ 1mA/ 1S
径向跳动	Radial runout	Radial thrust 1Kgf ≤ sO.02mm
运行温度	Operating temperature	-20~50°C
使用环境湿度	Use ambient humidity	90%max

外形尺寸图 Dimensional Drawing



L1	L2	XL	HL	WL	DL
34	20-500	Tr8X2	20-200		
40	20-500	Tr8X4	20-200		
48	20-100	Tr6.5X6	20-200		
60	20-500	Tr8X8	20-200		

参数表 Parameters Table

型号 Model	步距角° Step angle °	机身mm Body mm	电流A Current A	电阻 Ω Current A resistance Ω	力距mN.m Force distance mN.m	引线数 Number of leads
42HN32-3-50Y(Tr8X2)	1.8°	32	1	3	340	4
42HN40-1.8-100A(Tr8X4)	1.8°	40	1.5	1.8	440	4
42HN48-1.8-200Y(Tr6.5X6)	1.8°	48	1.7	1.8	560	4
42HN60-3-300Y(Tr8X8)	1.8°	60	1.5	3	700	4

备注：L1代表机身长度，出轴长度和参数可根据客户要求定制。
Comment: L1 is the length of motor, the length of shaft and Parameters can be customized according to customer requirements.