



深圳市新和电机有限公司

Coreless Motor Co.,Ltd



工业级精密空心杯电机研发制造商
creative ideas for drive

COMPANY PROFILE

Coreless Motor Co., Ltd is located in Shenzhen, the core technological innovation

capital of the Greater Bay Area of China. We have a strong research and development team and manufacturing capacity, with a professional coreless motor production line, through product customization and technical innovation, to help you create high-quality transmission system. Our micro transmission solutions are widely used in medical beauty, power tools, AI intelligent robots, electronic door locks, aviation and other fields, improving the level of accurate application of products.

Based on nearly 10 years of experience in the field of coreless motor technology, we offer both brush coreless motors and brushless coreless motors with diameters ranging from 12 to 45MM, and provide with the matching DC brushless drive, speed reduction box and encoder for your choice. We provide you with accurate selection, through team work, design practical solutions; By customizing and adjusting the product parameters on demand, it can flexibly meet the power needs of various industrial automation application fields. We have passed the ISO9001:2015 quality management system certification, to ensure the consistency of the production process, delivery efficiency and traceable plasticity, to provide customers with durable, efficient, low maintenance rate of high quality motor products.

"Technology-based, innovation, and harmony." has been the development of the company's business philosophy, serving customers, committed to providing more scientific and reasonable solutions and products, and ultimately achieving "mutual benefit and win-win".

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Tattoo
Tattoo beauty



Power tools
Manipulator
Electronic door lock



AI intelligent robot
Industrial automation



Aerospace
Medical equipment

公司简介

深圳市新和电机有限公司位于中国大湾区核心科技创新之都---深圳!我们拥有强大的研发团队和制造能力,拥有专业的空心杯电机生产线,通过产品定制化和技术革新,协助您创造出优质的传动系统。我们的微型传动解决方案广泛应用于医疗美容、电动工具、AI智能机器人、电子门锁、航空等领域,提高了产品精准应用的水平。

基于在空心杯电机技术领域近十年的经验,我们有刷空心电机和无刷空心杯电机直径从12到45MM都有推出,与之配套的直流无刷驱动器,减速箱和编码器都有完整的产品供应挑选。我们为您提供精准选型,通过团队合作,设计出实用的解决方案;通过订制化按需调整产品参数,灵活的满足各种工业自动化应用场的动力需求。我们通过ISO9001:2015质量管理体系认证,确保产品生产制程的一致性和出货效率及可追塑性,为客户提供耐用、高效、维修率极低的优质电机产品。

“科技为本,创新,和谐。”一直作为公司的发展经营理念,服务于客户,致力于提供更加科学、合理的方案和产品,最终达到“互利、共赢”。

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纹身
纹绣美容



电动工具
机械手
电子门锁



A1智能机器人
工业自动化



航天航空
医疗设备



MOTOR Coreless Motor CO., Ltd



CORELESS BRUSH MOTOR



★ 1330



★ 1725



★ 1827



★ 1928



★ 1925



★ 1640



★ 2030



★ 2225



★ 2230



★ 2607



★ 2610



★ 2016

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Website: www.coreless-motro.com



MOTOR Coreless Motor Co., Ltd



CORELESS BRUSH MOTOR



★ 1524



★ 1732



★ 2225



★ 2232



★ 2430



★ 2625



★ 2835



★ 2863



★ 3263



★ 3271



★ 3571



★ 4071

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CORELESS GEARMOTOR



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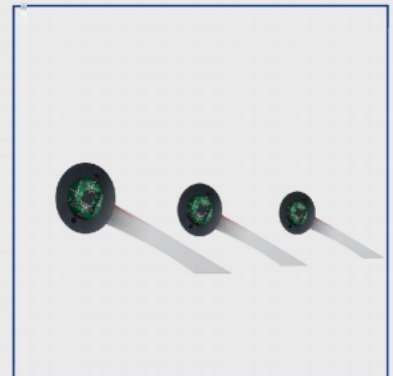
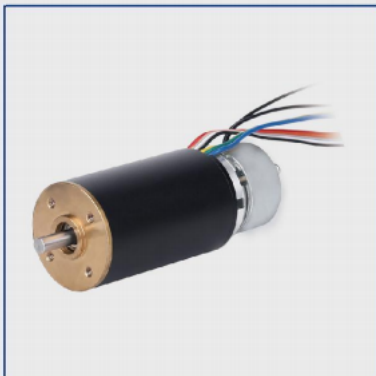
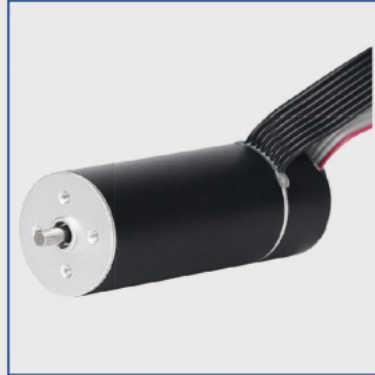
<http://www.coreless-motor.com>



Coreless Motor Co., Ltd.



CORELESS BRUSHLESS MOTOR



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<http://www.coreless-motor.com>

1230 系列 1230 Series

直流微电机 (贵金属电刷)

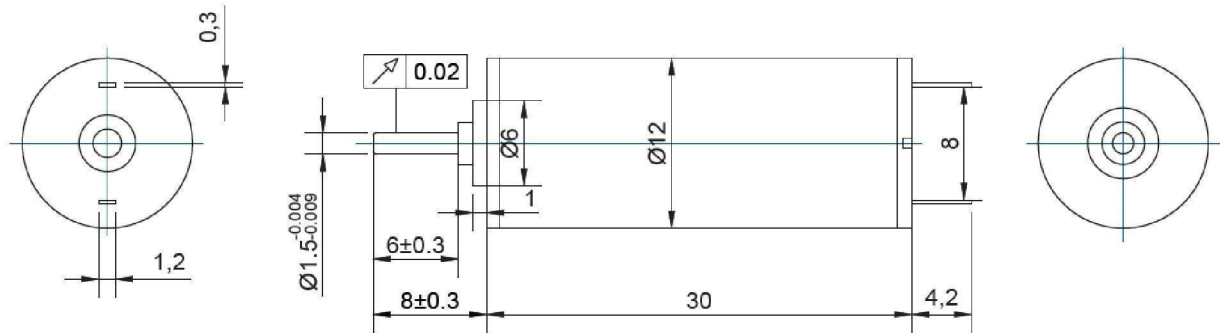
DC Mini Motor(Precious metal electric brush)



在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

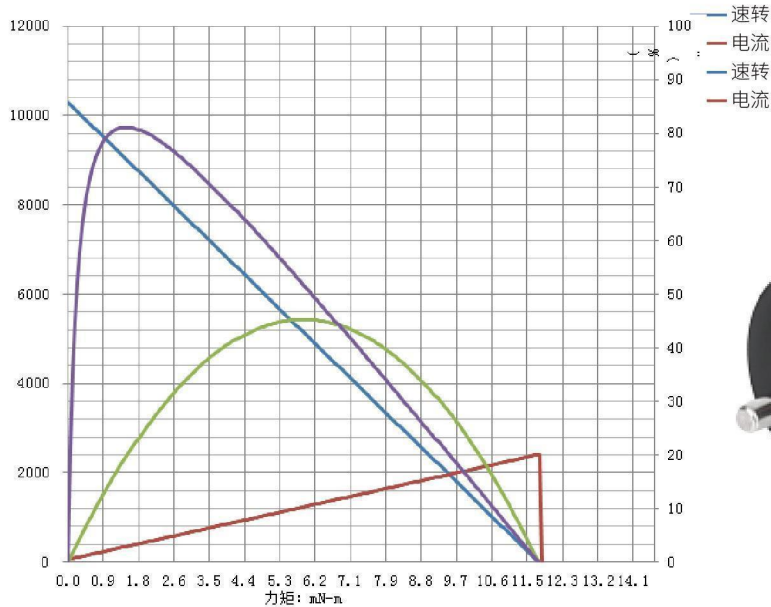
1.额定电压 Nominal voltage	V/DC	3	6	9	12
2.空载电流 No-load current	MA	35	25	20	20
3.空载转速 No-load speed	rpm	8200	7500	9000	10300
4.额定负载电流 Nominal current	A	0.57	0.27	0.24	0.27
5.额定负载扭矩 Nominal torque	mNm	2	2	2.5	3
6.额定负载转速 Nominal speed	rpm	6350	5900	6900	7680
7.最大功率 Max output power	W	1.9	1.8	2.6	3.2
8.最大效率 Max efficiency	%	83.6	80	86.2	81
9.堵转电流 Stall current	A	2.4	1.1	1	1
10.堵转扭矩 Stall torque	mNm	8.8	8.9	10.8	11.7
11.电枢电阻 Armature resistance	Ω	1.25	5.4	9	12
12.转矩常数 Torque constant	mNm/Amp	3.6	8.02	10.7	11.6
13.电动势常数 E-force constant	mV/rda/sec	3.6	8.02	10.7	11.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph

速转



1320 系列 1320 Series

直流微电机 (贵金属电刷)

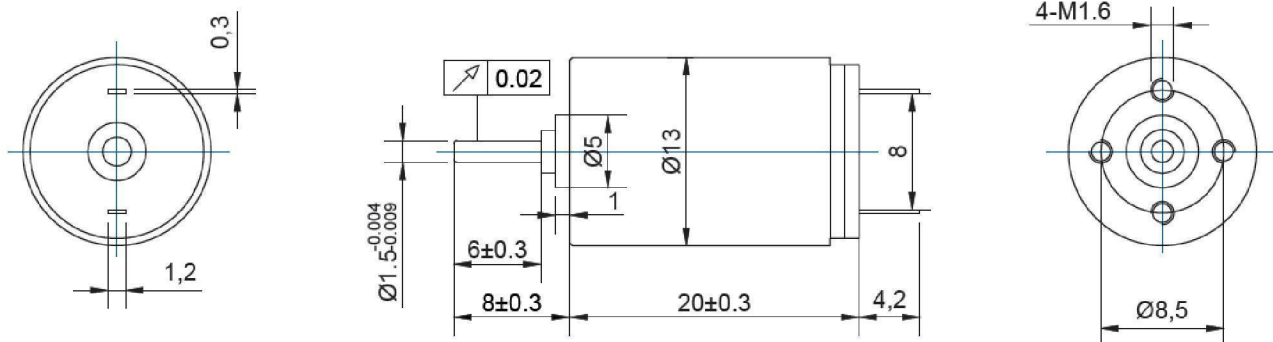
DC Mini Motor(Precious metal electric brush)



◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

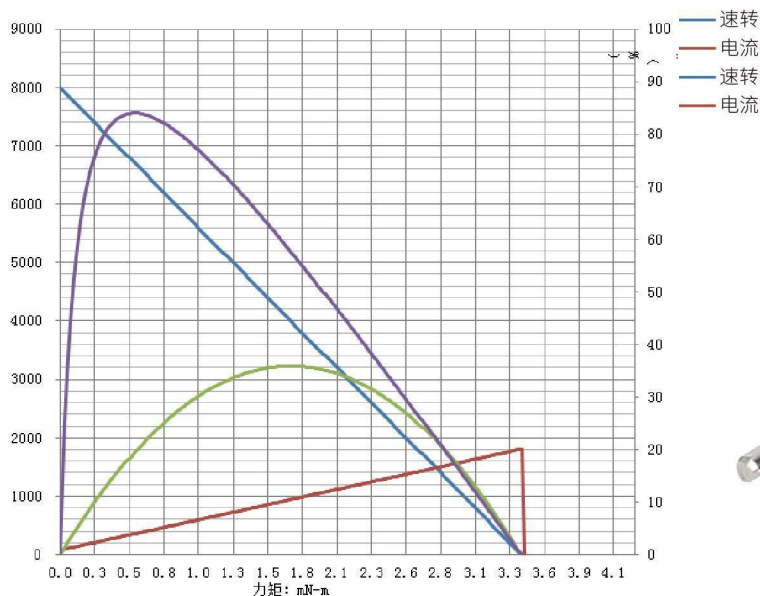
1.额定电压 Nominal voltage	V/DC	3	6	9	12
2.空载电流 No-load current	MA	30	20	40	45
3.空载转速 No-load speed	rpm	8000	8500	13500	17000
4.额定负载电流 Nominal current	A	0.19	0.12	0.7	0.24
5.额定负载扭矩 Nominal torque	mNm	0.7	0.8	1.2	1.8
6.额定负载转速 Nominal speed	rpm	6400	6800	10000	12900
7.最大功率 Max output power	W	0.75	0.9	1.9	3.3
8.最大效率 Max efficiency	%	84	80	83.2	83
9.堵转电流 Stall current	A	0.8	0.5	0.66	0.85
10.堵转扭矩 Stall torque	mNm	3.5	4	5.4	7.35
11.电枢电阻 Armature resistance	Ω	3.75	12	13.8	14.1
12.转矩常数 Torque constant	mNm/Amp	4.29	7.8	8.2	8.6
13.电动势常数 E-force constant	mV/rda/sec	4.29	7.8	8.2	8.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图 Dimension figure



◆ 曲线图 Graph

速转



1330 系列 1330 Series

直流微电机 (贵金属电刷)

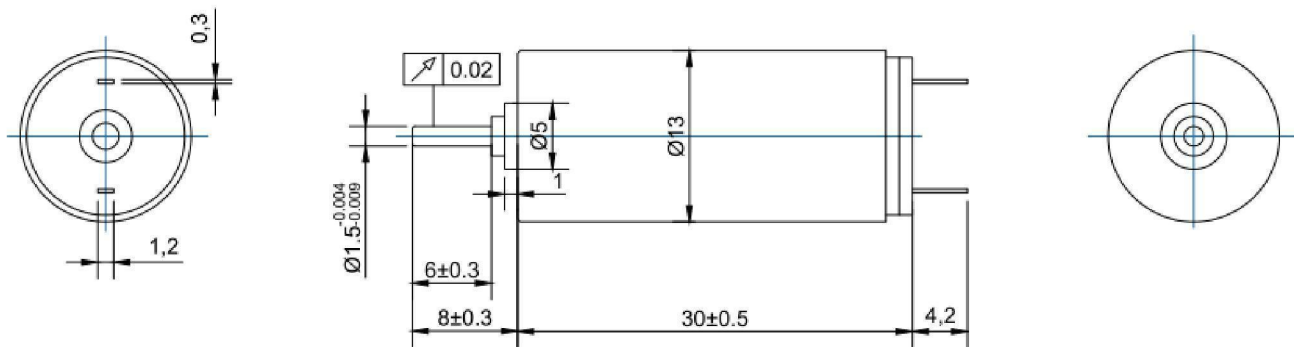
DC Mini Motor(Precious metal electric brush)



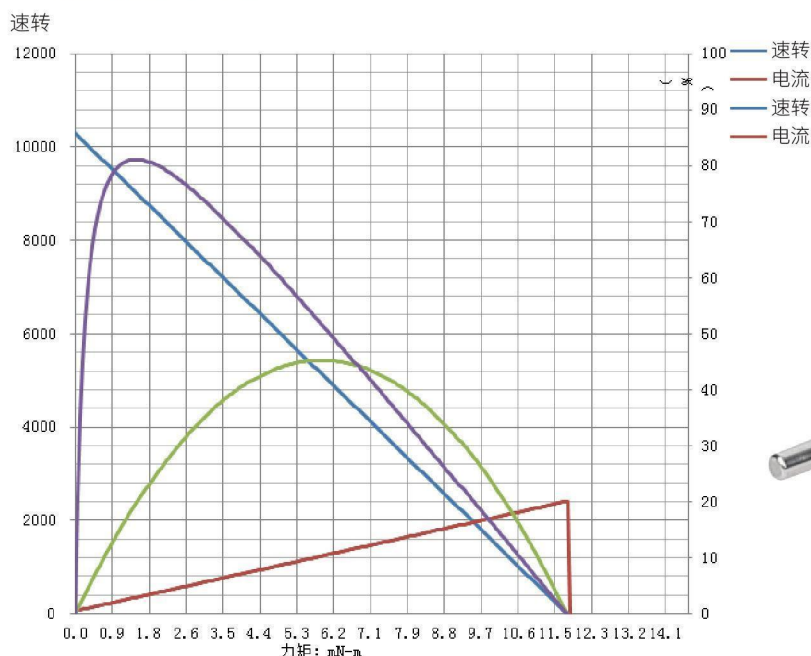
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	3	6	9	12
2.空载电流 No-load current	MA	35	25	20	20
3.空载转速 No-load speed	rpm	8200	7500	9000	10300
4.额定负载电流 Nominal current	A	0.57	0.27	0.24	0.27
5.额定负载扭矩 Nominal torque	mNm	2	2	2.5	3
6.额定负载转速 Nominal speed	rpm	6350	5900	6900	7680
7.最大功率 Max output power	W	1.9	1.8	2.6	3.2
8.最大效率 Max efficiency	%	83.6	80	86.2	81
9.堵转电流 Stall current	A	2.4	1.1	1	1
10.堵转扭矩 Stall torque	mNm	8.8	8.9	10.08	11.7
11.电枢电阻 Armature resistance	Ω	1.25	5.4	9	12
12.转矩常数 Torque constant	mNm/Amp	3.6	8.02	10.7	11.6
13.电动势常数 E-force constant	mV/rda/sec	3.6	8.02	10.7	11.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



1524 系列 1524

直流微电机 (贵金属电刷)

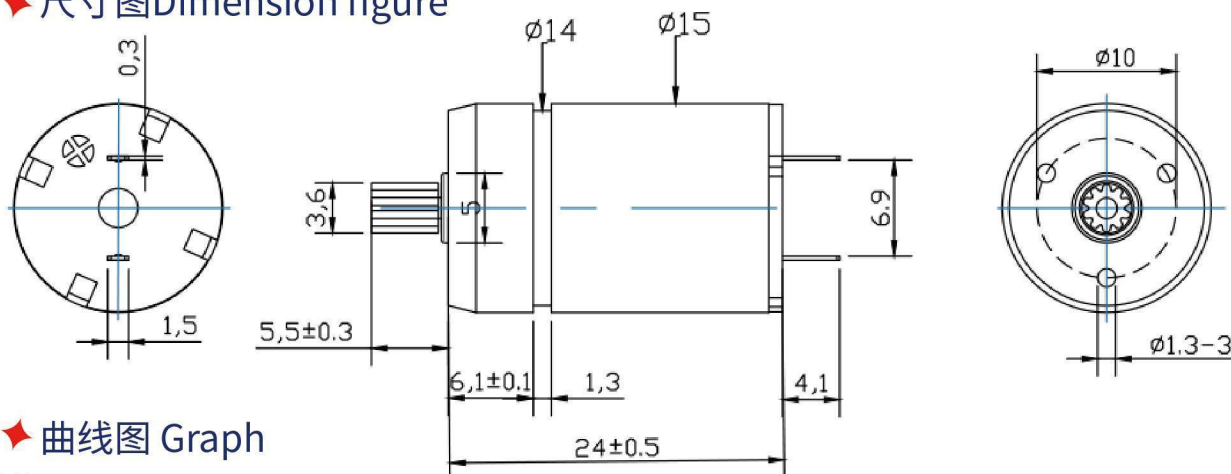
DC Mini Motor(Precious metal electric brush)



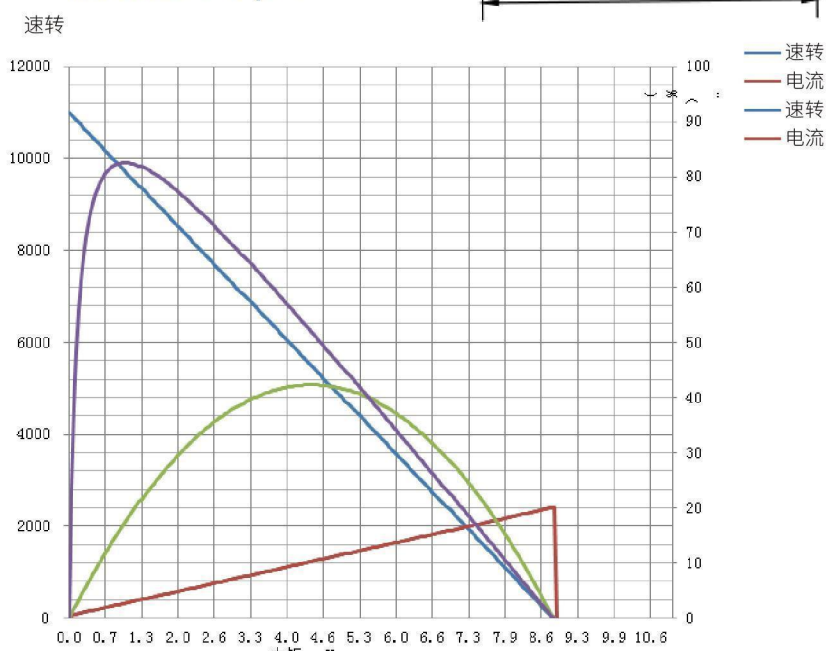
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	20	18	15	13
3.空载转速 No-load speed	rpm	10200	9500	10200	11000
4.额定负载电流 Nominal current	A	0.35	0.27	0.19	0.09
5.额定负载扭矩 Nominal torque	mNm	2	2.02	2.1	1.8
6.额定负载转速 Nominal speed	rpm	7650	7200	8000	8800
7.最大功率 Max output power	W	2.1		2.6	2.5
8.最大效率 Max efficiency	%	84.6	80	81.2	83.5
9.堵转电流 Stall current	A	1.3	1	0.8	0.4
10.堵转扭矩 Stall torque	mNm	7.8	8.4	9.8	8.8
11.电枢电阻 Armature resistance	Ω	4.6	8	15	60
12.转矩常数 Torque constant	mNm/Amp	6	8.4	12.5	2.04
13.电动势常数 E-force constant	mV/rda/sec	6	8.4	12.5	2.04
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图 Dimension figure



◆ 曲线图 Graph



1525 系列 1525 Series

直流微电机 (贵金属电刷)

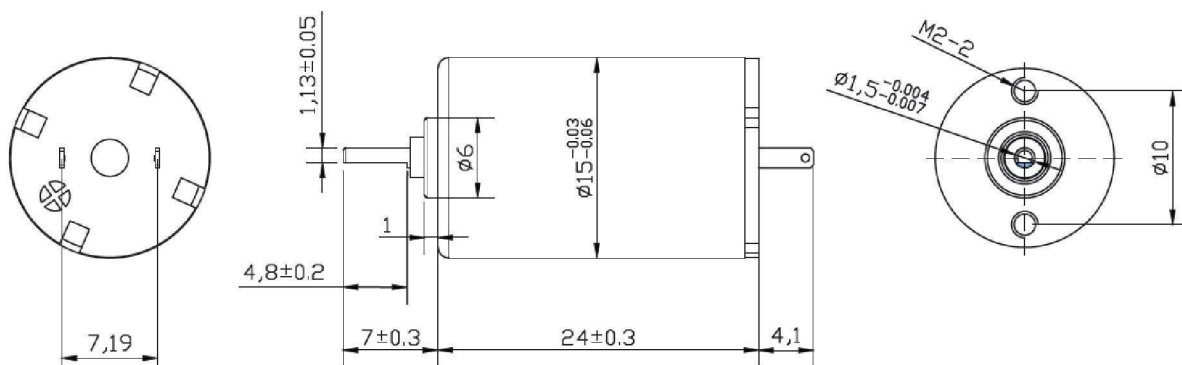
DC Mini Motor(Precious metal electric brush)



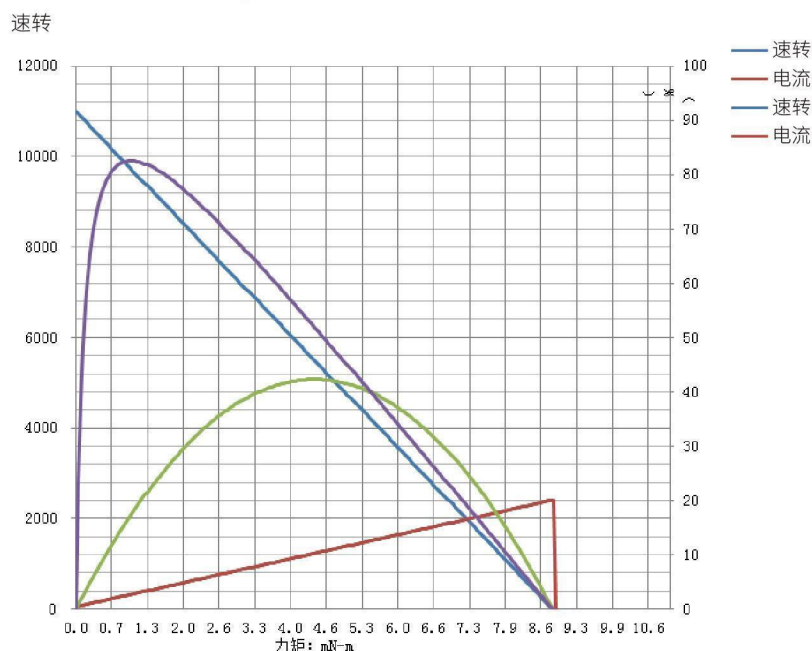
★ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	3	8	12	24
2.空载电流 No-load current	MA	30	18	15	13
3.空载转速 NNo-load speed	rpm	10800	9800	10500	11000
4.额定负载电流 Nominal current	A	0.6	0.27	0.19	0.09
5.额定负载扭矩 Nominal torque	mNm	1.5	2.1	2.1	1.8
6.额定负载转速 Nominal speed	rpm	8950	7200	8100	8800
7.最大功率 Max output power	W	2.5	2.2	2.6	2.5
8.最大效率 Max efficiency	%	81.6	80	81.2	83.5
9.堵转电流 Stall current	A	3.4	1	0.8	0.4
10.堵转扭矩 Stall torque	mNm	8.8	8.4	9.8	8.8
11.电枢电阻 Armature resistance	Ω	0.88	8	15	60
12.转矩常数 Torque constant	mNm/Amp	2.59	8.4	12.5	2.04
13.电动势常数 E-force constant	mV/rda/sec	2.59	8.4	12.5	2.04
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

★ 尺寸图Dimension figure



★ 曲线图 Graph



1625-01 系列 1625-01 Series

直流微电机 (贵金属电刷)

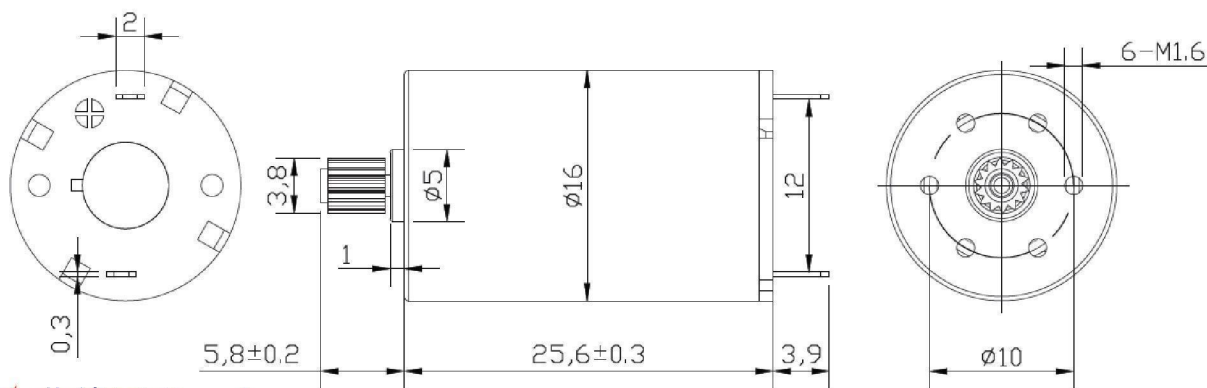
DC Mini Motor(Precious metal electric brush)



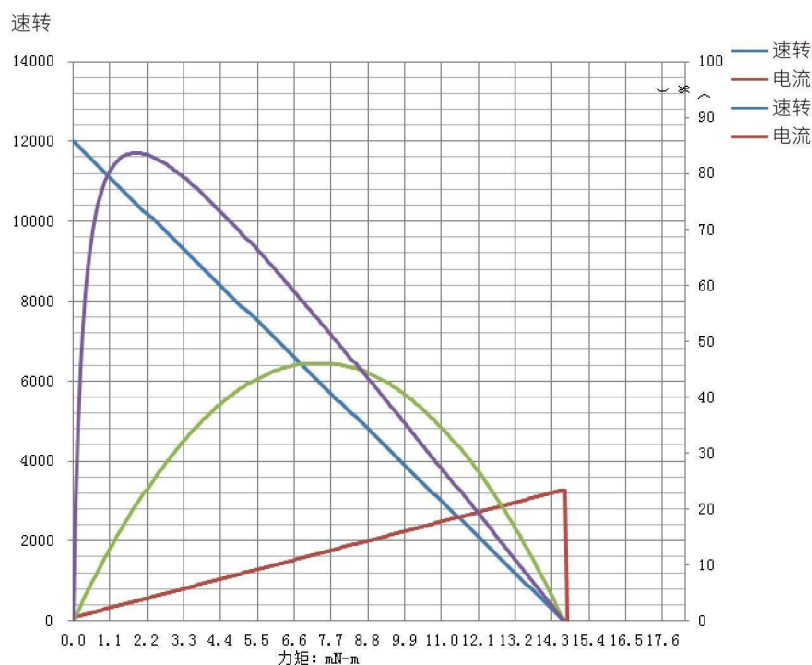
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	3	6	8	12
2.空载电流 No-load current	MA	30	18	20	13
3.空载转速 No-load speed	rpm	8000	9800	10500	10700
4.额定负载电流 Nominal current	A	0.45	0.27	0.26	0.23
5.额定负载扭矩 Nominal torque	mNm	1.5	1.52	2	2.4
6.额定负载转速 Nominal speed	rpm	6500	7850	8400	8700
7.最大功率 Max output power	W	1.6	2	2.7	3.9
8.最大效率 Max efficiency	%	83.1	84.2	87.2	83.7
9.堵转电流 Stall current	A	2.1	1.2	1.2	1.2
10.堵转扭矩 Stall torque	mNm	7.84	7.9	9.8	13.7
11.电枢电阻 Armature resistance	Ω	1.4	5	6.6	10
12.转矩常数 Torque constant	mNm/Amp	3.7	6.5	8.1	11.4
13.电动势常数 E-force constant	mV/rda/sec	3.7	6.4	8.1	11.4
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图 Dimension figure



◆ 曲线图 Graph



1625-02 系列 1625-02 Series

直流微电机 (贵金属电刷)

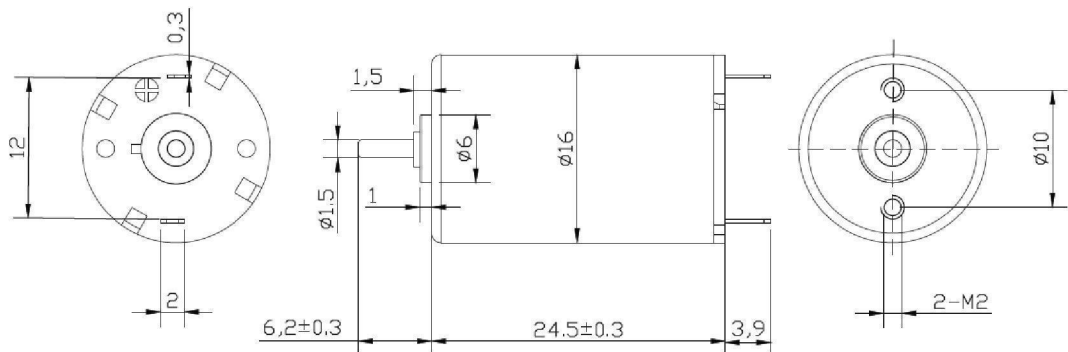
DC Mini Motor(Precious metal electric brush)



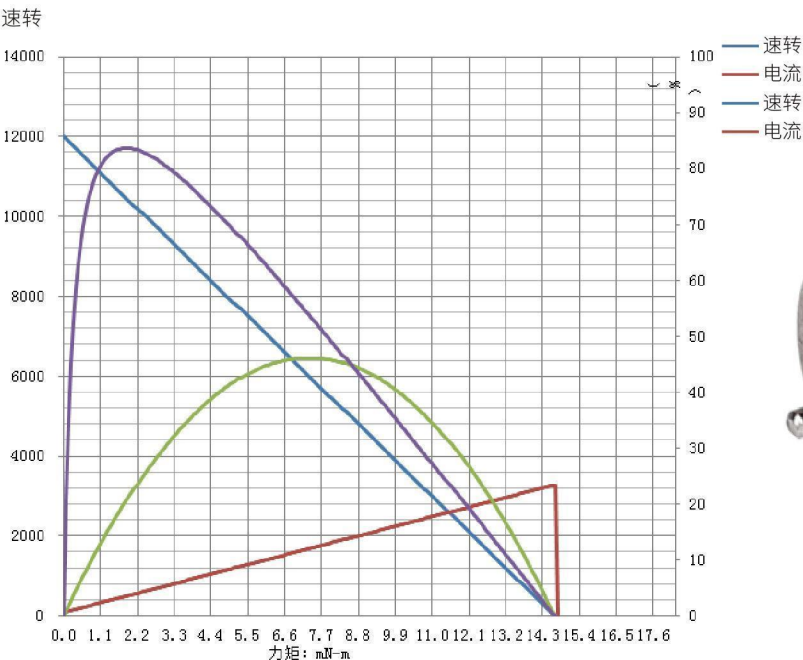
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	20	18	25	15
3.空载转速 No-load speed	rpm	8000	8200	10200	12000
4.额定负载电流 Nominal current	A	0.36	0.3	0.27	0.14
5.额定负载扭矩 Nominal torque	mNm	2.4	2.7	3	2.4
6.额定负载转速 Nominal speed	rpm	6400	6850	8360	9750
7.最大功率 Max output power	W	1.6	3.4	4.5	4.7
8.最大效率 Max efficiency	%	80.6	85.2	82.6	83.7
9.堵转电流 Stall current	A	1.8	1.6	1.4	0.7
10.堵转扭矩 Stall torque	mNm	12.7	15.7	16.7	14.7
11.电枢电阻 Armature resistance	Ω	3.3	5	8.5	34.2
12.转矩常数 Torque constant	mNm/Amp	7.08	9.8	11.9	21.1
13.电动势常数 E-force constant	mV/rda/sec	7.08	9.8	11.9	21.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



1630 系列 1630 Series

直流微电机 (贵金属电刷)

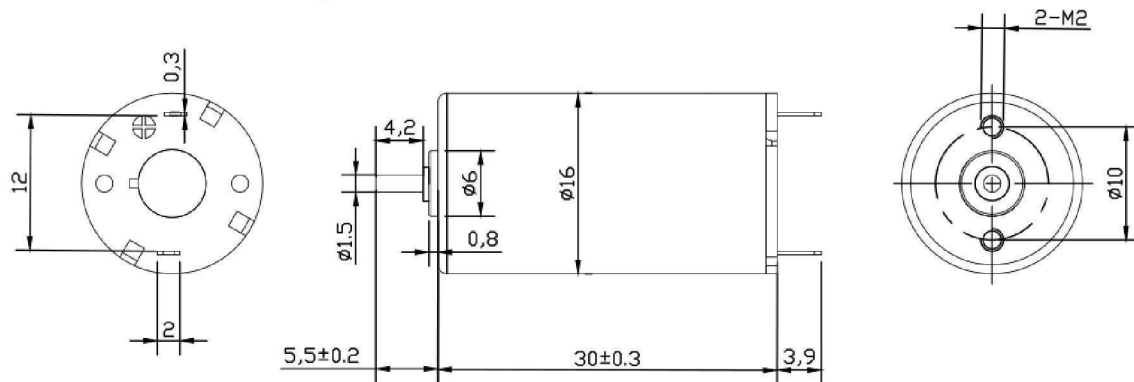
DC Mini Motor(Precious metal electric brush)



◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

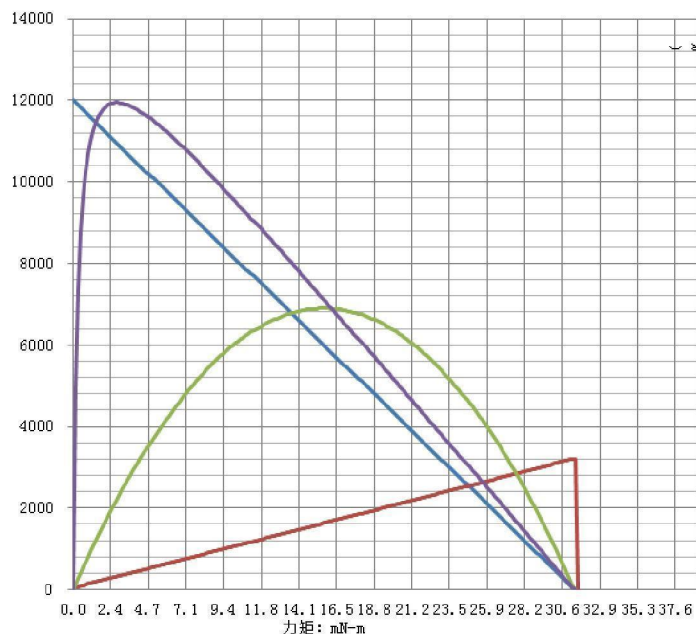
1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	18	16	12
3.空载转速 No-load speed	rpm	8000	8100	10200	12000
4.额定负载电流 Nominal current	A	0.37	0.31	0.34	0.29
5.额定负载扭矩 Nominal torque	mNm	2.5	2.9	3.5	5.5
6.额定负载转速 Nominal speed	rpm	6500	6750	8860	9900
7.最大功率 Max output power	W	2.9	3.8	7.4	10
8.最大效率 Max efficiency	%	81.1	85.2	82.3	85.3
9.堵转电流 Stall current	A	1.9	1.8	2.5	1.6
10.堵转扭矩 Stall torque	mNm	13.7	17.6	27.4	31.3
11.电枢电阻 Armature resistance	Ω	3.15	4.4	4.8	15
12.转矩常数 Torque constant	mNm/Amp	7.22	9.8	10.9	19.6
13.电动势常数 E-force constant	mV/rda/sec	7.22	9.8	10.9	19.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph

速转



— 速转
— 电流
— 速转
— 电流



1640 系列 1640 Series

直流微电机 (贵金属电刷)

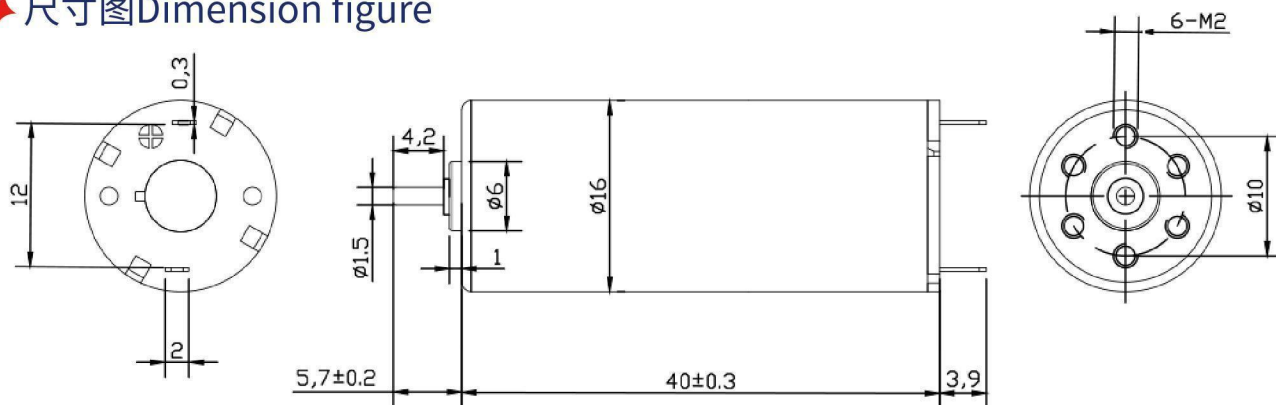
DC Mini Motor(Precious metal electric brush)



◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

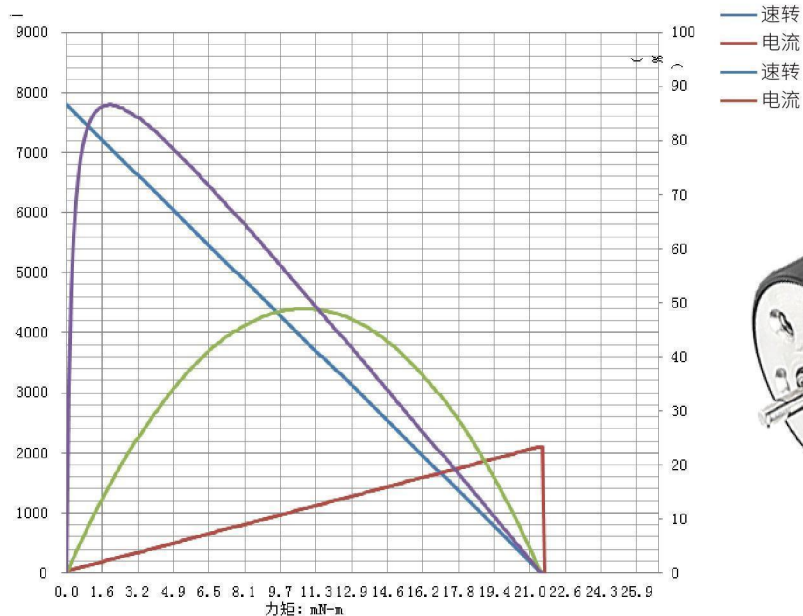
1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	18	16	7
3.空载转速 No-load speed	rpm	6000	6200	8200	7800
4.额定负载电流 Nominal current	A	0.25	0.25	0.31	0.1
5.额定负载扭矩 Nominal torque	mNm	2.3	2.9	4.1	2.7
6.额定负载转速 Nominal speed	rpm	5100	5560	7100	6800
7.最大功率 Max output power	W	2.5	3.4	6.8	4.5
8.最大效率 Max efficiency	%	81.1	84.3	83.5	86.3
9.堵转电流 Stall current	A	1.6	1.6	2.3	0.7
10.堵转扭矩 Stall torque	mNm	15.7	19.6	31.3	21.5
11.电枢电阻 Armature resistance	Ω	3.75	5	5.2	34.2
12.转矩常数 Torque constant	mNm/Amp	9.8	12.2	13.6	30.8
13.电动势常数 E-force constant	mV/rda/sec	9.8	12.2	13.6	30.8
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph

速转



1640+bm 系列 1640+bm Series

直流微电机 (贵金属电刷)

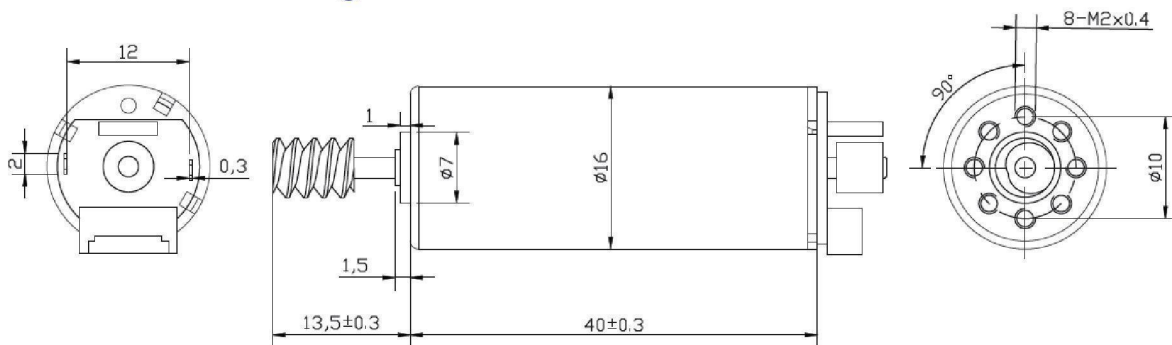
DC Mini Motor(Precious metal electric brush)



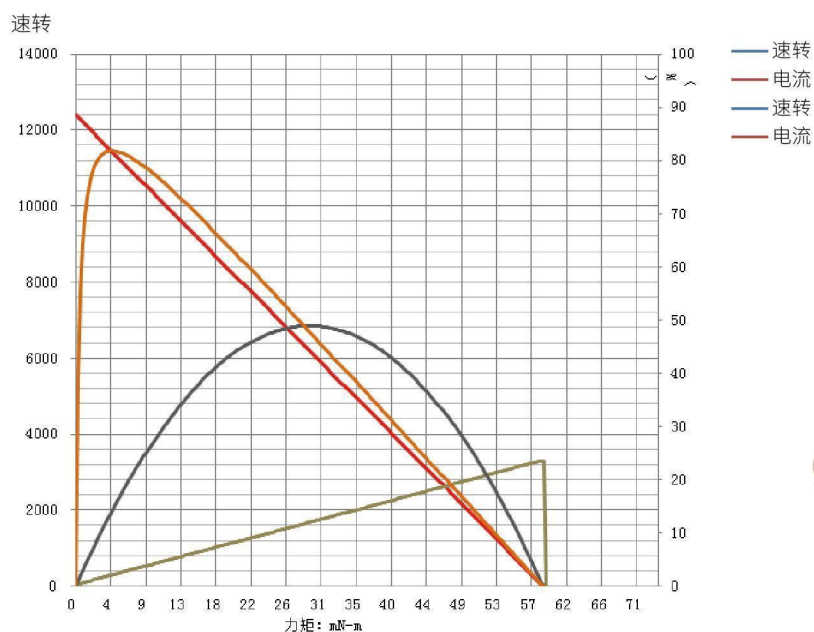
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	18	16	24
3.空载转速 No-load speed	rpm	6000	6200	8200	12400
4.额定负载电流 Nominal current	A	0.25	0.3	0.31	0.52
5.额定负载扭矩 Nominal torque	mNm	2.3	2.9	4.1	9.1
6.额定负载转速 Nominal speed	rpm	5100	5610	7100	10300
7.最大功率 Max output power	W	2.5	3.4	6.8	19
8.最大效率 Max efficiency	%	81	83.3	83.6	81.8
9.堵转电流 Stall current	A	1.6	1.6	2.3	3.3
10.堵转扭矩 Stall torque	mNm	15.7	19.6	31.3	58.8
11.电枢电阻 Armature resistance	Ω	3.75	5	5.2	7.27
12.转矩常数 Torque constant	mNm/Amp	9.8	12.2	13.6	17.8
13.电动势常数 E-force constant	mV/rda/sec	9.8	12.2	13.6	17.8
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



1725-01系列 1725-01 Series

直流微电机(贵金属电刷)

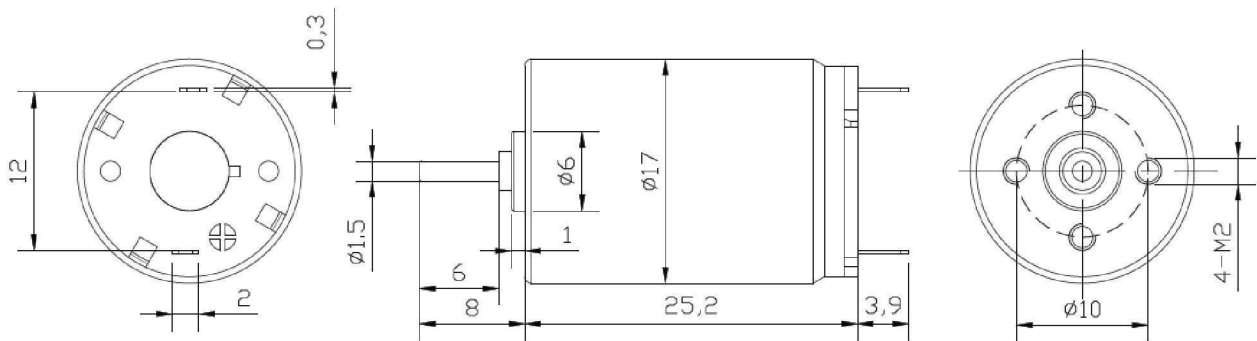
DC Mini Motor(Precious metal electric brush)



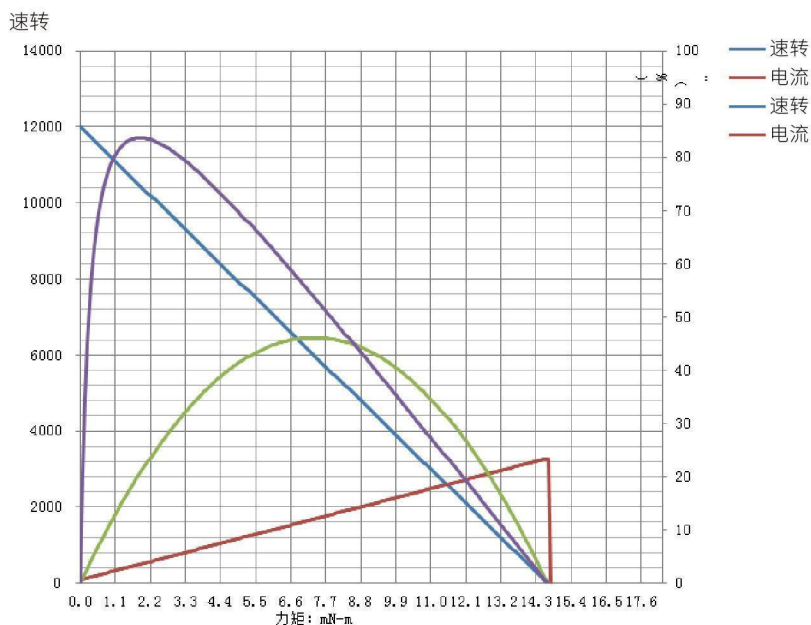
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	3	6	8	12
2.空载电流 No-load current	MA	30	18	20	13
3.空载转速 No-load speed	rpm	8000	9800	10500	10700
4.额定负载电流 Nominal current	A	0.45	0.27	0.27	0.14
5.额定负载扭矩 Nominal torque	mNm	1.5	1.52	2	2.4
6.额定负载转速 Nominal speed	rpm	6500	7850	8400	8700
7.最大功率 Max output power	W	1.6	2	2.7	3.9
8.最大效率 Max efficiency	%	83.1	84.2	87.2	83.7
9.堵转电流 Stall current	A	2.1	1.2	1.2	1
10.堵转扭矩 Stall torque	mNm	7.84	7.9	9.8	13.7
11.电枢电阻 Armature resistance	Ω	1.4	5	6.6	10
12.转矩常数 Torque constant	mNm/Amp	3.7	6.5	8.1	11.4
13.电动势常数 E-force constant	mV/rda/sec	3.7	6.4	8.1	11.4
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



1725-02 系列 1725-02 Series

直流微电机 (贵金属电刷)

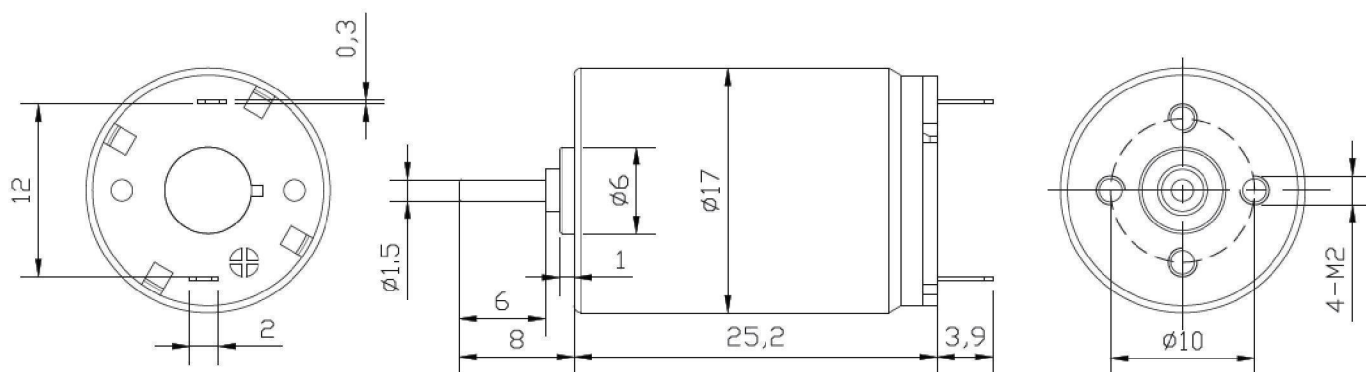
DC Mini Motor(Precious metal electric brush)



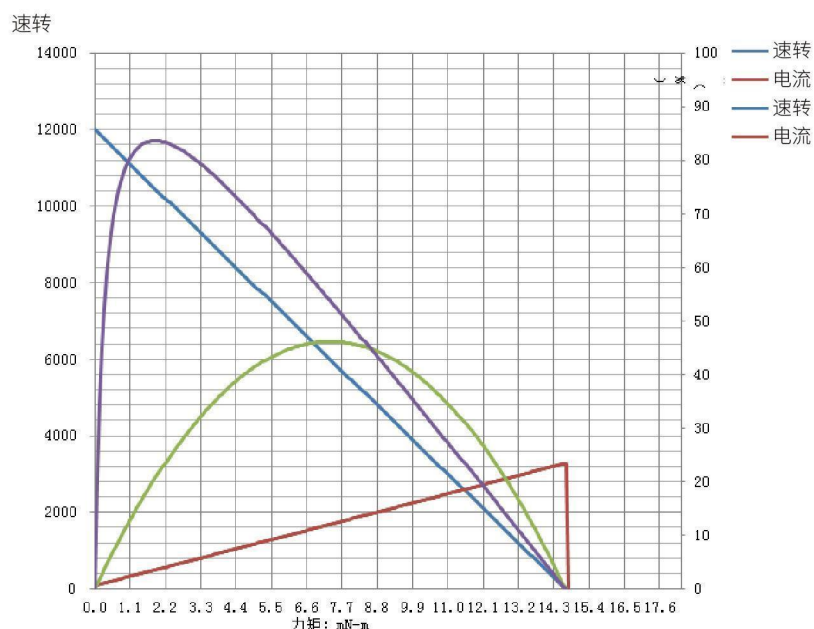
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	18	17	23	12
3.空载转速 No-load speed	rpm	8000	8200	10200	12000
4.额定负载电流 Nominal current	A	0.36	0.3	0.27	0.14
5.额定负载扭矩 Nominal torque	mNm	2.4	2.7	3	2.4
6.额定负载转速 Nominal speed	rpm	6400	6850	8360	9750
7.最大功率 Max output power	W	1.6	3.4	4.5	4.7
8.最大效率 Max efficiency	%	80.6	85.2	82.6	83.7
9.堵转电流 Stall current	A	1.8	1.6	1.4	0.7
10.堵转扭矩 Stall torque	mNm	12.7	15.7	16.7	14.7
11.电枢电阻 Armature resistance	Ω	3.3	5	8.5	34.2
12.转矩常数 Torque constant	mNm/Amp	7.08	9.8	11.9	21.1
13.电动势常数 E-force constant	mV/rda/sec	7.08	9.8	11.9	21.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



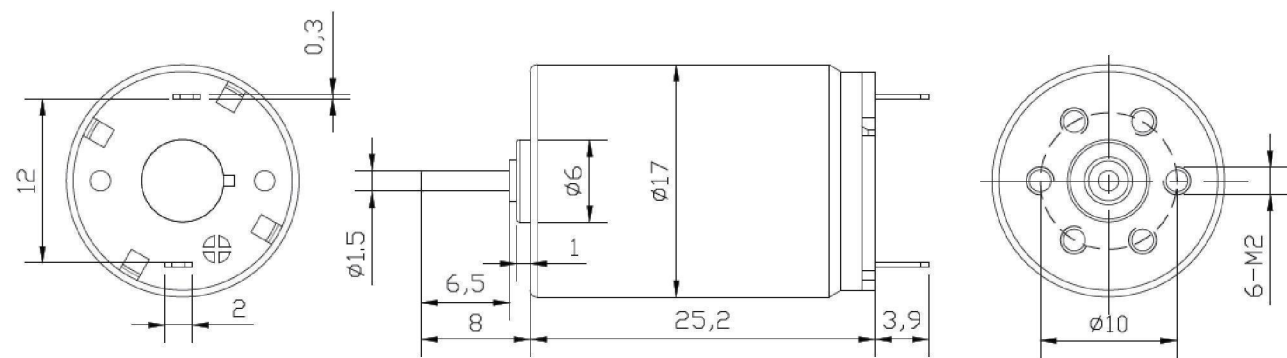
1725-03 系列 1725-03 Series
直流微电机 (贵金属电刷)
DC Mini Motor(Precious metal electric brush)



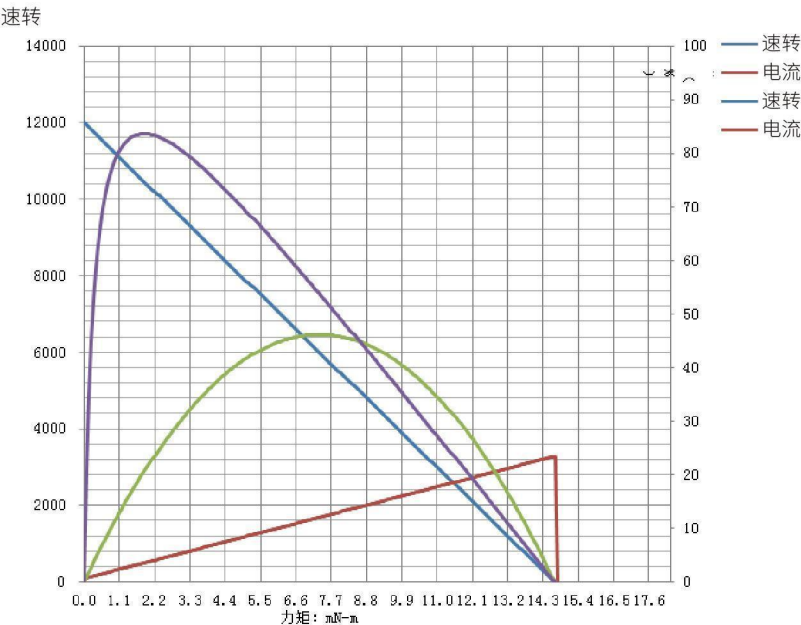
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	18	17	23	12
3.空载转速 No-load speed	rpm	8000	8200	10200	12000
4.额定负载电流 Nominal current	A	0.36	0.3	0.27	0.14
5.额定负载扭矩 Nominal torque	mNm	2.4	2.7	3	2.4
6.额定负载转速 Nominal speed	rpm	6400	6850	8360	9750
7.最大功率 Max output power	W	1.6	3.4	4.5	4.7
8.最大效率 Max efficiency	%	80.6	85.2	82.6	83.7
9.堵转电流 Stall current	A	1.8	1.6	1.4	0.7
10.堵转扭矩 Stall torque	mNm	12.7	15.7	16.7	14.7
11.电枢电阻 Armature resistance	Ω	3.3	5	8.5	34.2
12.转矩常数 Torque constant	mNm/Amp	7.08	9.8	11.9	21.1
13.电动势常数 E-force constant	mV/rda/sec	7.08	9.8	11.9	21.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



1732 系列 1732 Series

直流微电机 (贵金属电刷)

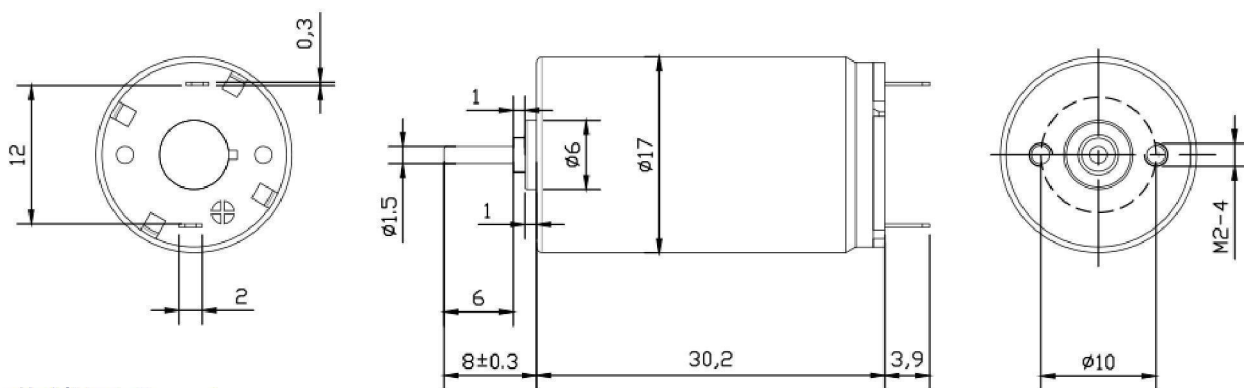
DC Mini Motor(Precious metal electric brush)



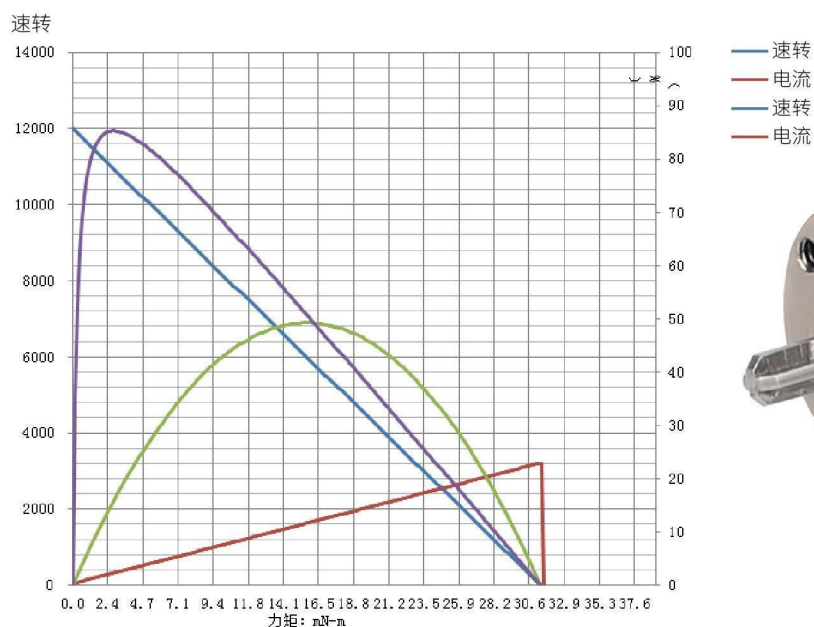
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	24	15	15	11
3.空载转速 No-load speed	rpm	8000	8100	10200	12000
4.额定负载电流 Nominal current	A	0.37	0.31	0.34	0.29
5.额定负载扭矩 Nominal torque	mNm	2.5	2.9	3.5	5.5
6.额定负载转速 Nominal speed	rpm	6500	6750	8860	9900
7.最大功率 Max output power	W	2.9	3.8	7.4	10
8.最大效率 Max efficiency	%	81.1	85.2	82.3	85.3
9.堵转电流 Stall current	A	1.9	1.8	2.5	1.6
10.堵转扭矩 Stall torque	mNm	13.7	17.6	27.4	31.3
11.电枢电阻 Armature resistance	Ω	3.15	4.4	4.8	1.5
12.转矩常数 Torque constant	mNm/Amp	7.22	9.8	10.9	19.6
13.电动势常数 E-force constant	mV/rda/sec	7.22	9.8	10.9	19.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



1742 系列 1742 Series

直流微电机 (贵金属电刷)

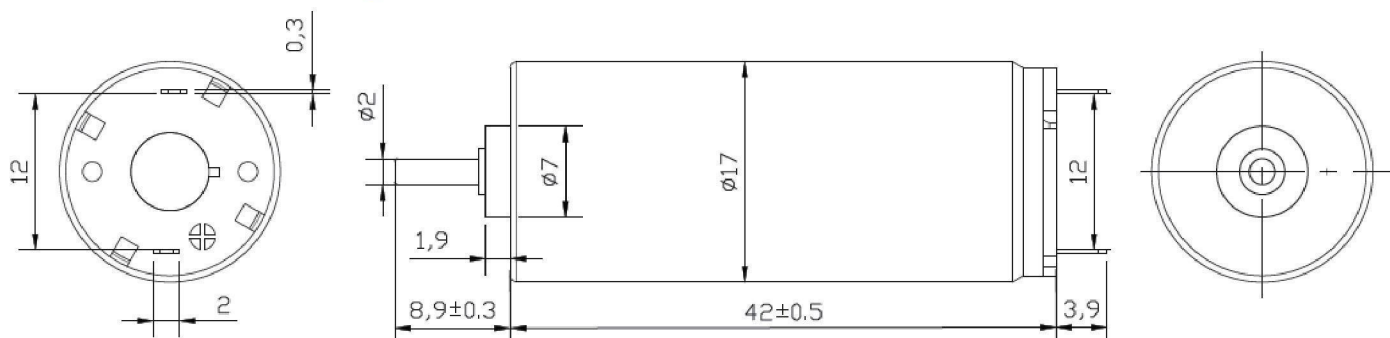
DC Mini Motor(Precious metal electric brush)



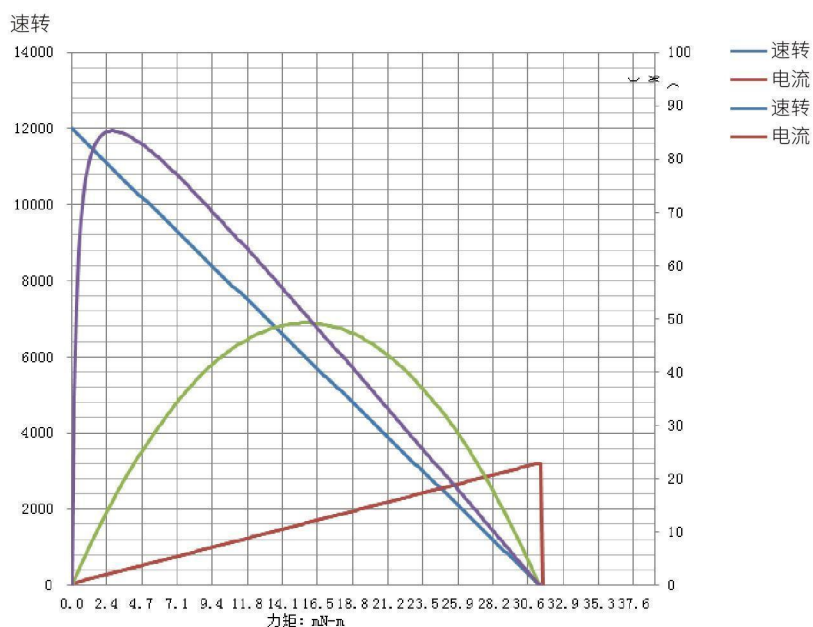
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	24	15	93	200
3.空载转速 No-load speed	rpm	8000	8100	20000	34000
4.额定负载电流 Nominal current	A	0.37	0.31	0.9	0.9
5.额定负载扭矩 Nominal torque	mNm	2.5	2.9	4.1	4.2
6.额定负载转速 Nominal speed	rpm	6500	6750	18600	32500
7.最大功率 Max output power	W	2.9	3.8	32.9	90
8.最大效率 Max efficiency	%	81.1	85.2	75.4	72
9.堵转电流 Stall current	A	1.9	1.8	12	6.24
10.堵转扭矩 Stall torque	mNm	13.7	17.6	61.7	99.8
11.电枢电阻 Armature resistance	Ω	3.15	4.4	1	1.5
12.转矩常数 Torque constant	mNm/Amp	7.22	9.8	5.14	6.24
13.电动势常数 E-force constant	mV/rda/sec	7.22	9.8	5.14	6.24
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



1827 系列 1827 Series

直流微电机(贵金属电刷)

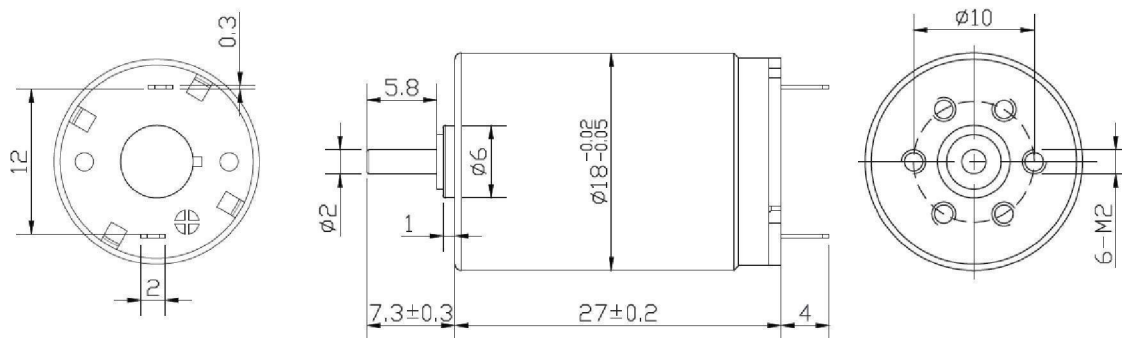
DC Mini Motor(Precious metal electric brush)



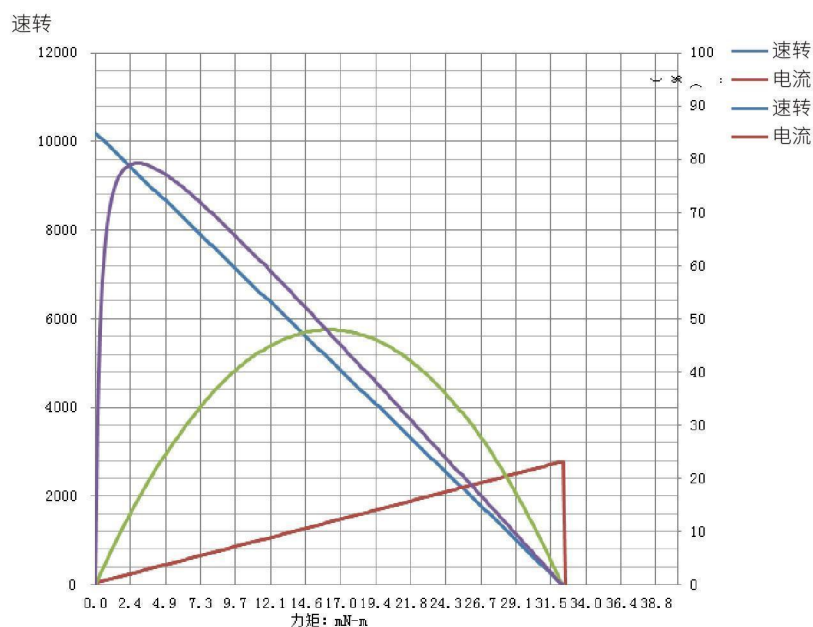
★ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	27	30	23
3.空载转速 No-load speed	rpm	8060	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6850	7160	9110	11600
7.最大功率 Max output power	W	3.4	4.9	9.1	14.2
8.最大效率 Max efficiency	%	81.4	81	79.3	80
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	16.2	23.1	35.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

★ 尺寸图Dimension figure



★ 曲线图 Graph



1925 系列 1925 Series

直流微电机 (贵金属电刷)

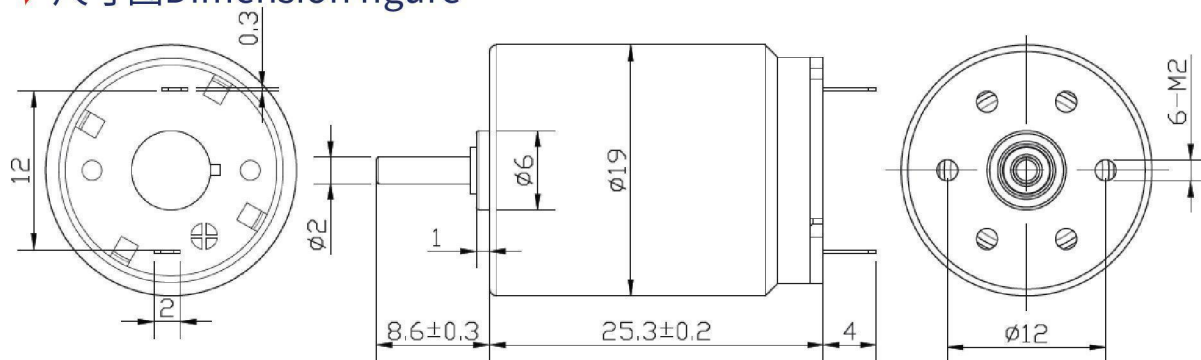
DC Mini Motor(Precious metal electric brush)



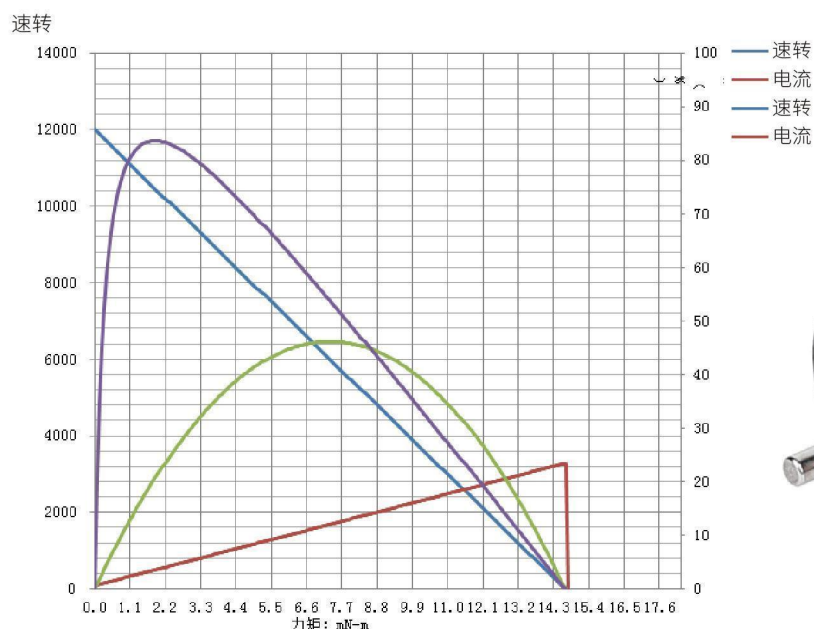
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	18	17	23	12
3.空载转速 No-load speed	rpm	8000	8200	10200	12000
4.额定负载电流 Nominal current	A	0.36	0.3	0.27	0.14
5.额定负载扭矩 Nominal torque	mNm	2.4	2.7	3	2.4
6.额定负载转速 Nominal speed	rpm	6400	6850	8360	9750
7.最大功率 Max output power	W	1.6	3.4	4.5	4.7
8.最大效率 Max efficiency	%	80.6	85.2	82.6	83.7
9.堵转电流 Stall current	A	1.8	1.6	1.4	0.7
10.堵转扭矩 Stall torque	mNm	12.7	15.7	16.7	14.7
11.电枢电阻 Armature resistance	Ω	3.3	5	8.5	34.2
12.转矩常数 Torque constant	mNm/Amp	7.08	9.8	11.9	21.1
13.电动势常数 E-force constant	mV/rda/sec	7.08	9.8	11.9	21.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图 Dimension figure



◆ 曲线图 Graph



1928 系列 1928 Series

直流微电机 (贵金属电刷)

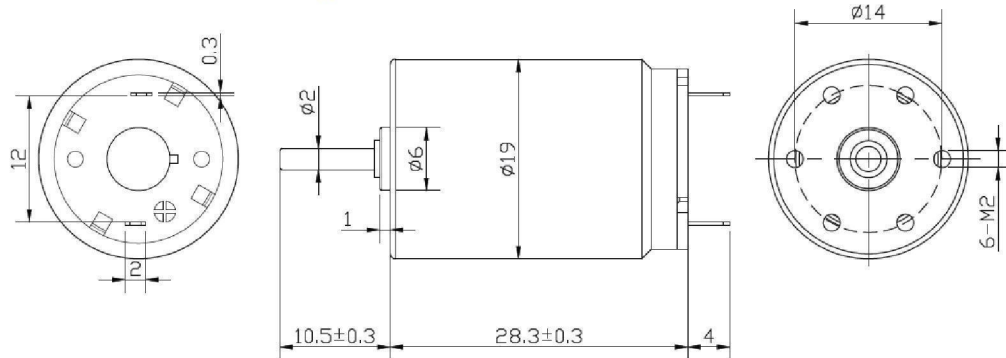
DC Mini Motor(Precious metal electric brush)



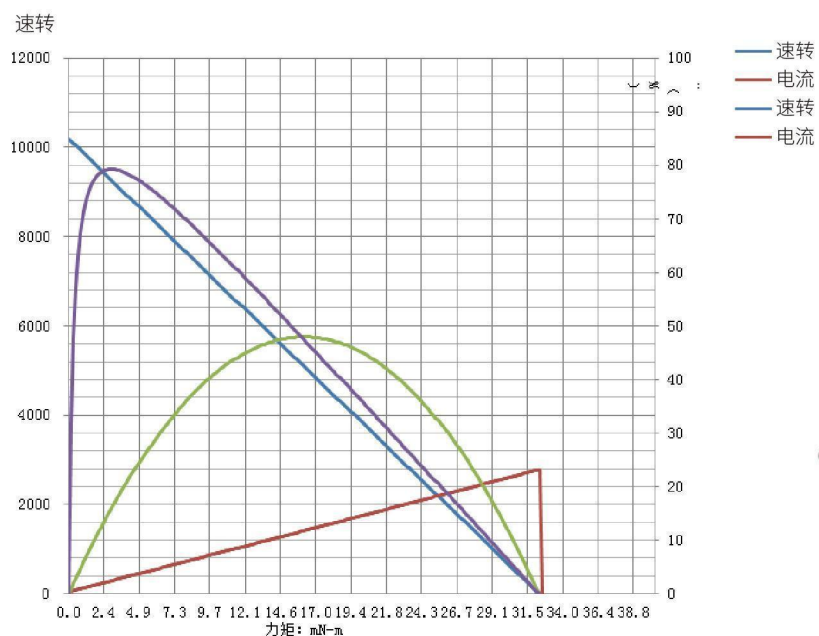
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	27	30	23
3.空载转速 No-load speed	rpm	8060	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6800	7160	9110	11600
7.最大功率 Max output power	W	3.4	4.9	9.1	14.2
8.最大效率 Max efficiency	%	81.4	81	79.3	80
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	16.2	23.1	35.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2016 系列 2016 Series

直流微电机 (贵金属电刷)

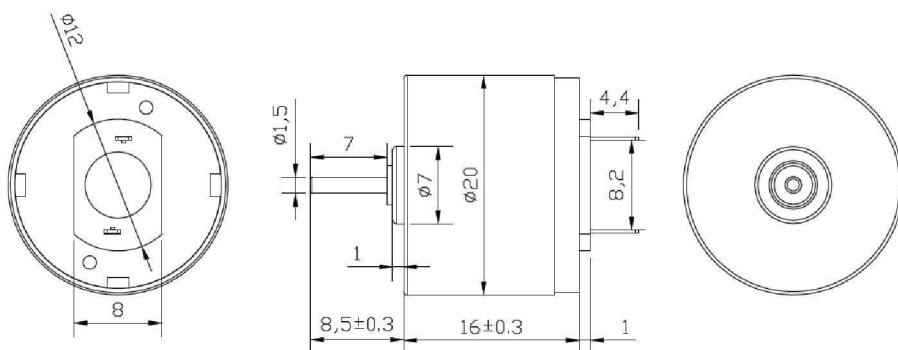
DC Mini Motor(Precious metal electric brush)



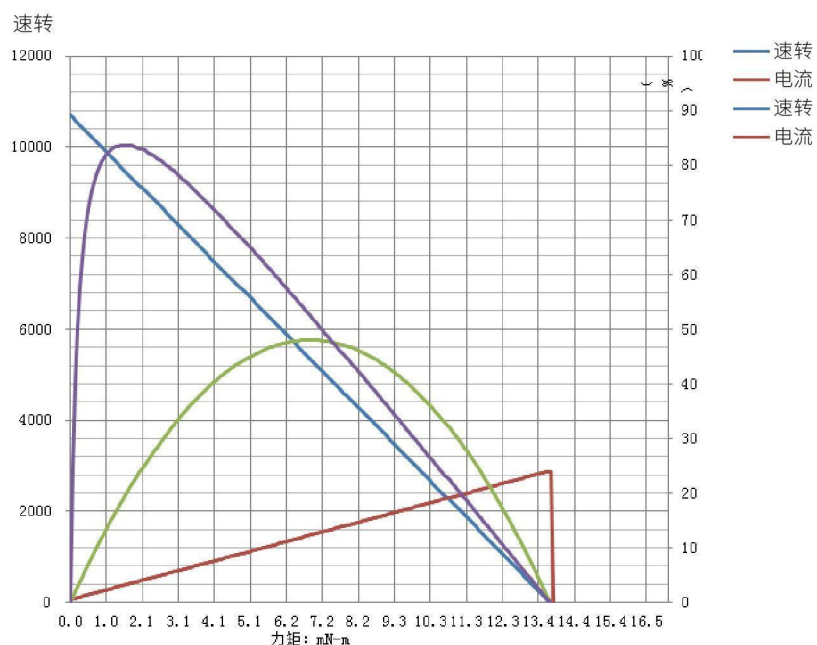
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	3	6	8	12
2.空载电流 No-load current	MA	30	18	20	17
3.空载转速 No-load speed	rpm	8000	9800	10500	12000
4.额定负载电流 Nominal current	A	0.45	0.27	0.26	0.34
5.额定负载扭矩 Nominal torque	mNm	1.5	1.52	2	3.2
6.额定负载转速 Nominal speed	rpm	6500	7850	8400	9560
7.最大功率 Max output power	W	1.6	2	2.7	5.2
8.最大效率 Max efficiency	%	83.1	84.2	87.2	85.6
9.堵转电流 Stall current	A	2.1	1.2	1.2	1.6
10.堵转扭矩 Stall torque	mNm	7.84	7.9	9.8	16.2
11.电枢电阻 Armature resistance	Ω	1.4	5	6.6	7.5
12.转矩常数 Torque constant	mNm/Amp	3.7	6.5	8.1	10.1
13.电动势常数 E-force constant	mV/rda/sec	3.7	6.4	8.1	10.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2025 系列 2025 Series

直流微电机 (贵金属电刷)

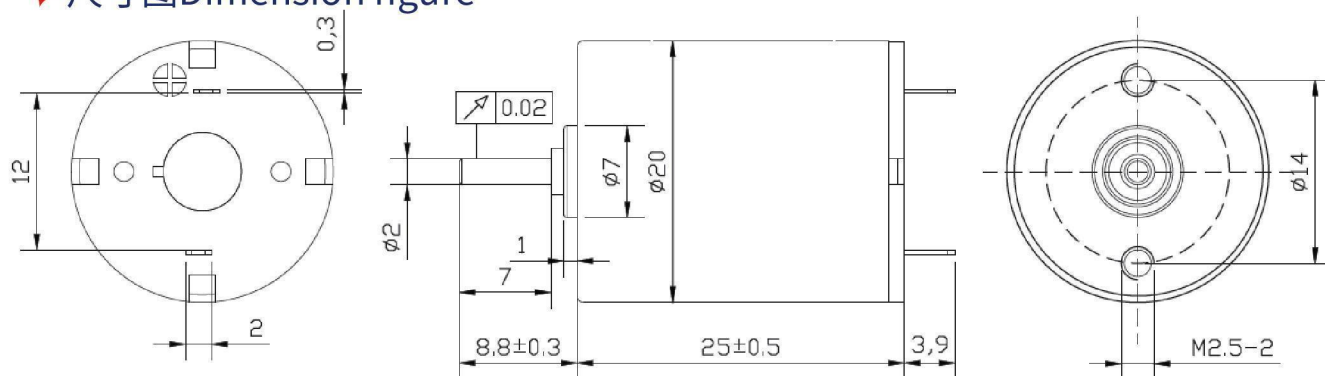
DC Mini Motor(Precious metal electric brush)



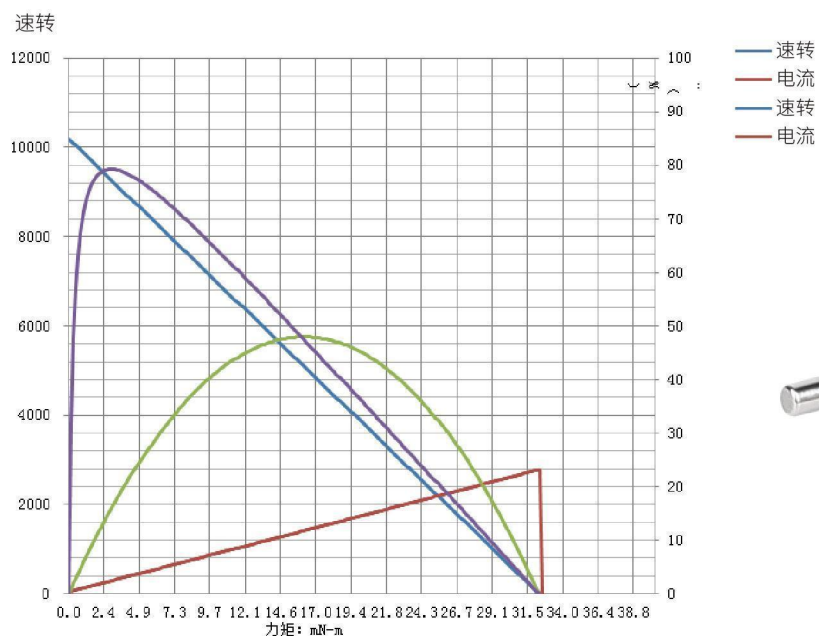
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	28	30	23
3.空载转速 No-load speed	rpm	8000	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6800	7060	9010	11600
7.最大功率 Max output power	W	3.3	4.8	8.8	10
8.最大效率 Max efficiency	%	81.2	81	79.3	14.2
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	15.7	22.5	32.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2030 系列 2030 Series

直流微电机 (贵金属电刷)

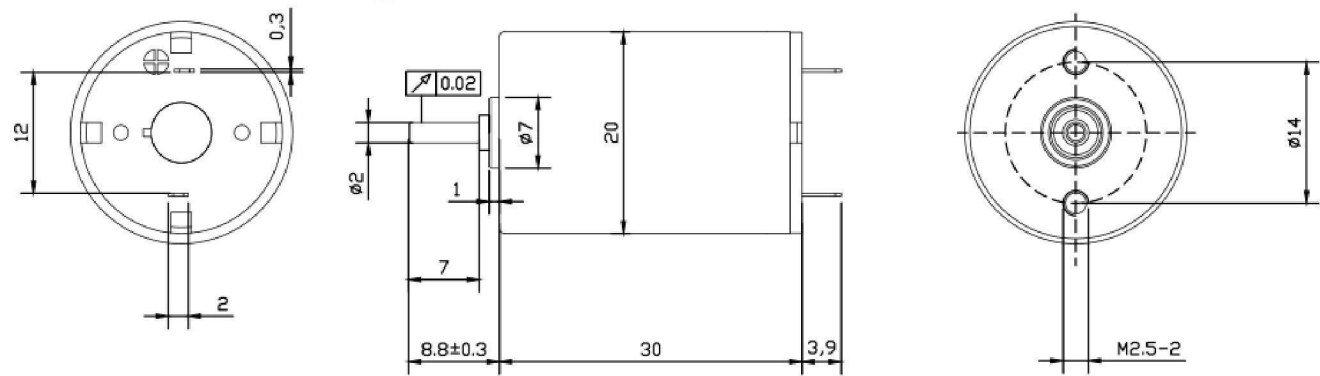
DC Mini Motor(Precious metal electric brush)



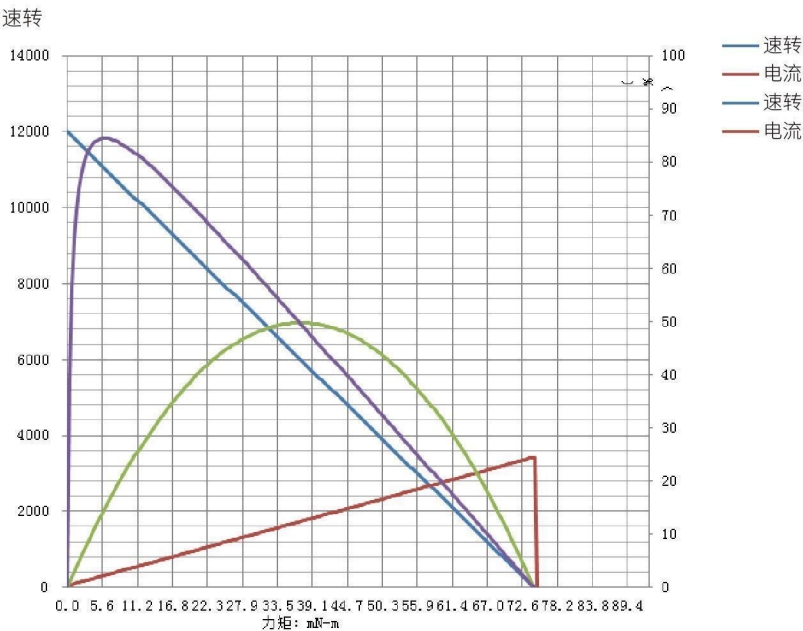
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	35	28	30	19
3.空载转速 No-load speed	rpm	8000	7900	10300	12000
4.额定负载电流 Nominal current	A	0.34	0.3	0.36	0.32
5.额定负载扭矩 Nominal torque	mNm	2.1	2.6	3.7	5.7
6.额定负载转速 Nominal speed	rpm	7360	7200	9510	11000
7.最大功率 Max output power	W	5.6	4.8	13.5	23.8
8.最大效率 Max efficiency	%	81	81.3	83.6	84.5
9.堵转电流 Stall current	A	3.8	3.2	4.5	3.9
10.堵转扭矩 Stall torque	mNm	26.5	30.4	4.9	74.5
11.电枢电阻 Armature resistance	Ω	1.6	2.5	2.6	6.1
12.转矩常数 Torque constant	mNm/Amp	6.9	9.5	10.8	19.1
13.电动势常数 E-force constant	mV/rda/sec	6.9	9.5	10.8	19.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



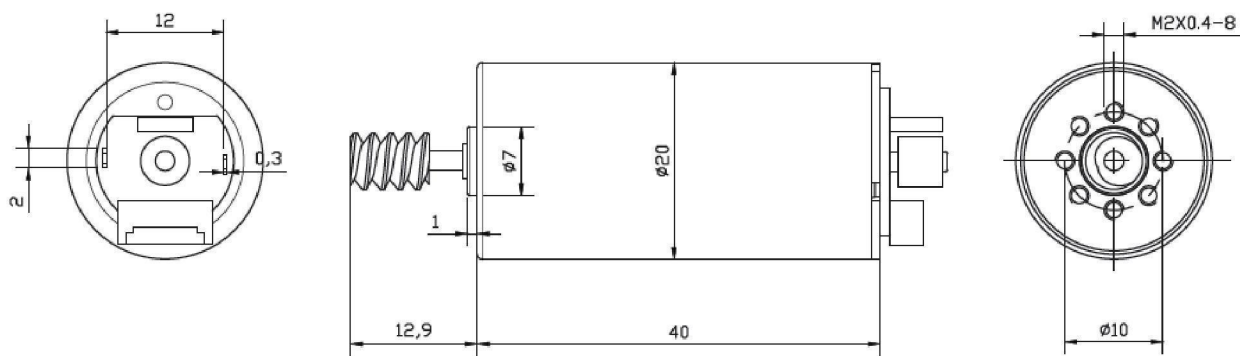
2040+bm 系列 2040 Series
直流微电机 (石墨电刷)
DC Mini Motor(Graphite electric brush)



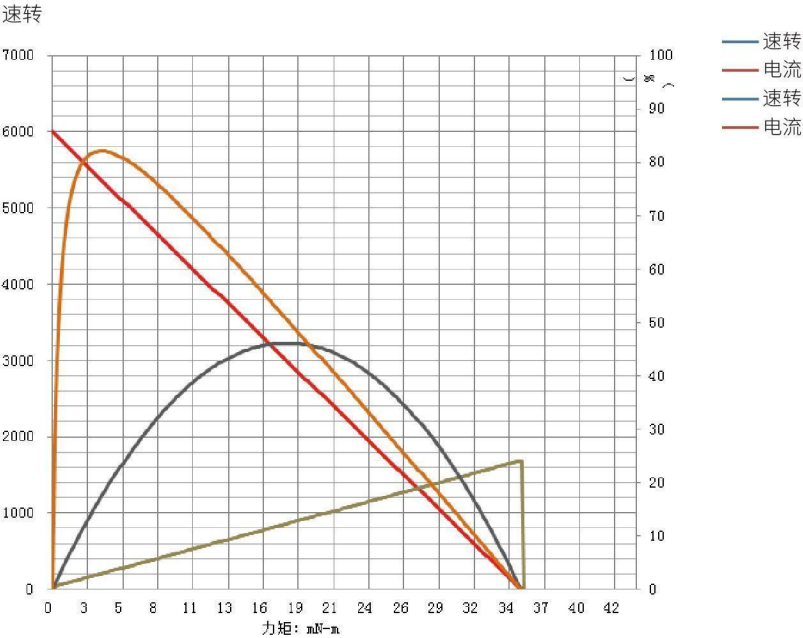
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	50	40	50	60
3.空载转速 No-load speed	rpm	6000	6200	8500	11700
4.额定负载电流 Nominal current	A	0.55	0.59	0.7	0.71
5.额定负载扭矩 Nominal torque	mNm	5.1	7.1	9.1	12.2
6.额定负载转速 Nominal speed	rpm	5100	5010	7300	10400
7.最大功率 Max output power	W	5.6	6.5	15.6	36.7
8.最大效率 Max efficiency	%	82	82.7	82.6	80.3
9.堵转电流 Stall current	A	3.2	3.1	5.1	6.2
10.堵转扭矩 Stall torque	mNm	35.3	39.2	68.6	117.6
11.电枢电阻 Armature resistance	Ω	1.66	2.58	2.35	3.87
12.转矩常数 Torque constant	mNm/Amp	9.8	12.6	13.4	13.9
13.电动势常数 E-force constant	mV/rda/sec	9.8	12.6	13.4	13.9
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



2225 系列 2225 Series

直流微电机 (贵金属电刷)

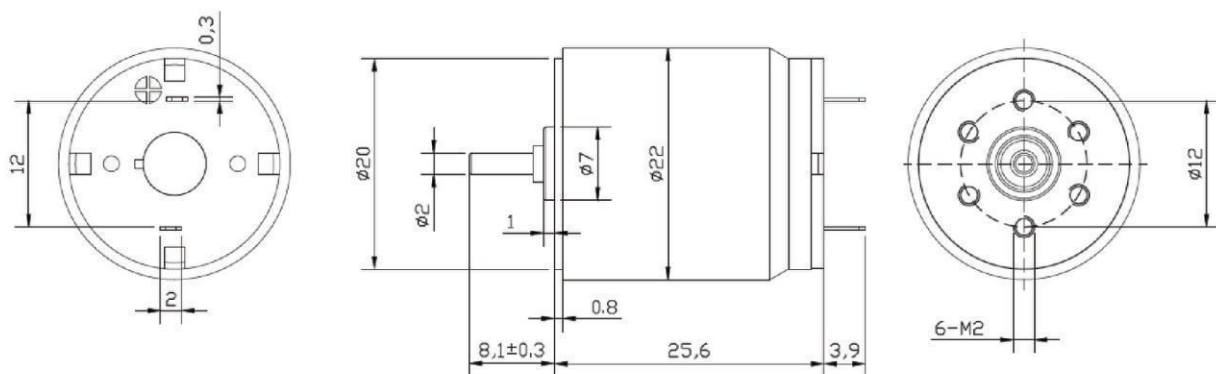
DC Mini Motor(Precious metal electric brush)



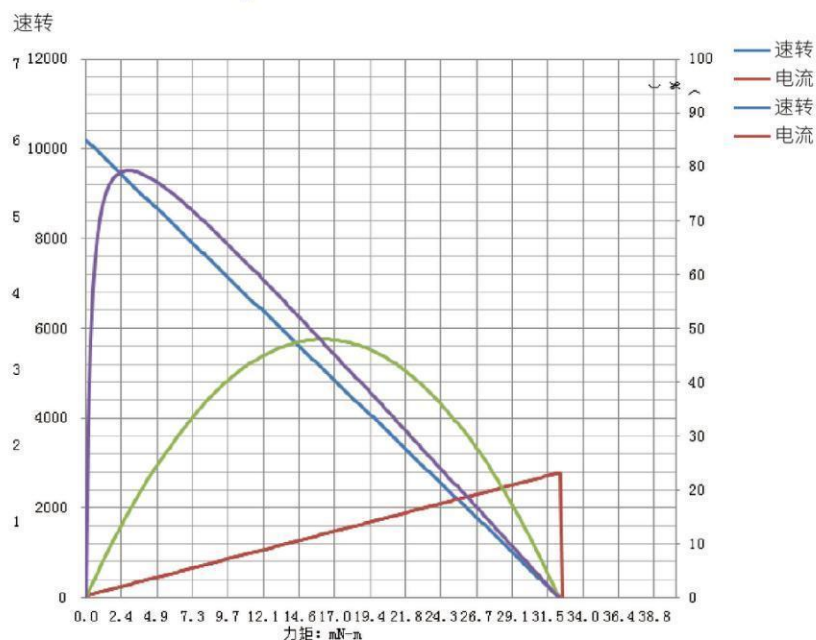
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	27	30	23
3.空载转速 No-load speed	rpm	8060	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6850	7160	9110	11600
7.最大功率 Max output power	W	3.4	4.9	9.1	14.2
8.最大效率 Max efficiency	%	81.4	81	79.3	80
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	16.2	23.1	35.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2225 系列 2225 Series

直流微电机 (贵金属电刷)

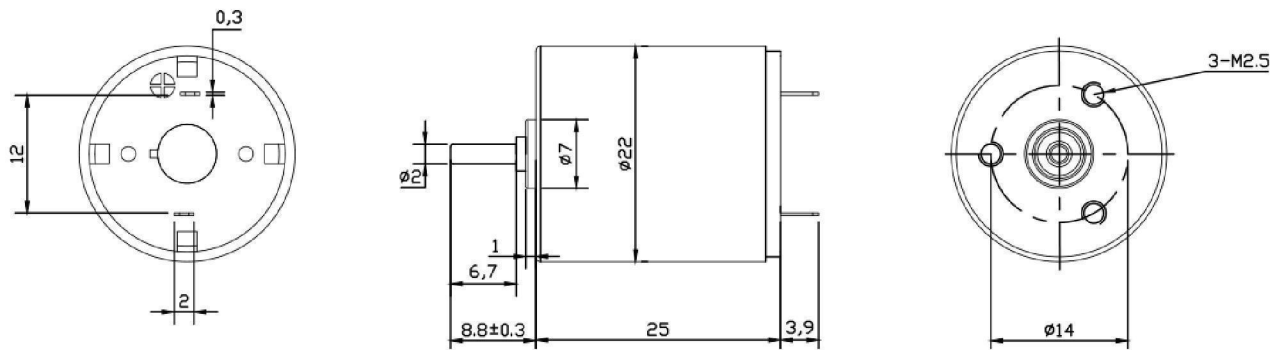
DC Mini Motor(Precious metal electric brush)



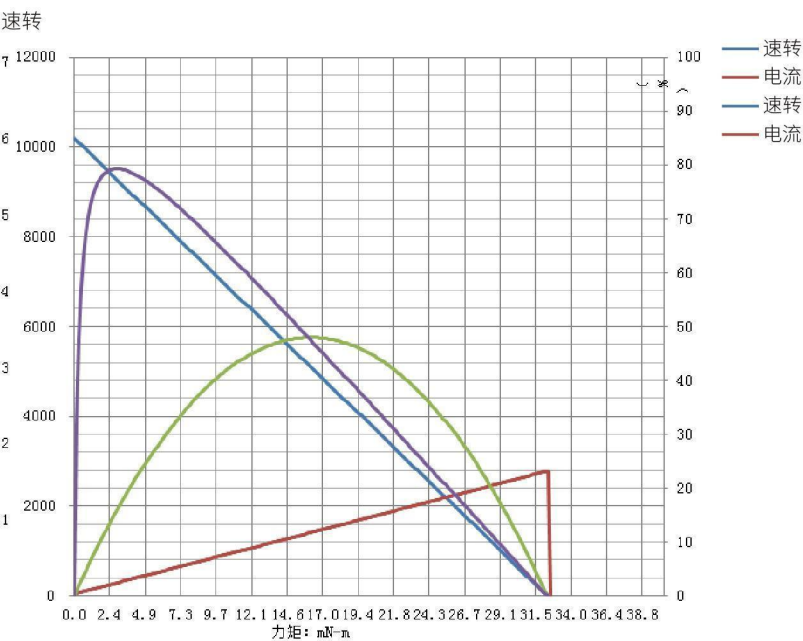
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	27	30	23
3.空载转速 No-load speed	rpm	8060	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6850	7160	9110	11600
7.最大功率 Max output power	W	3.4	4.9	9.1	14.2
8.最大效率 Max efficiency	%	81.4	81	79.3	80
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	16.2	23.1	35.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2225 系列 2225 Series

直流微电机 (贵金属电刷)

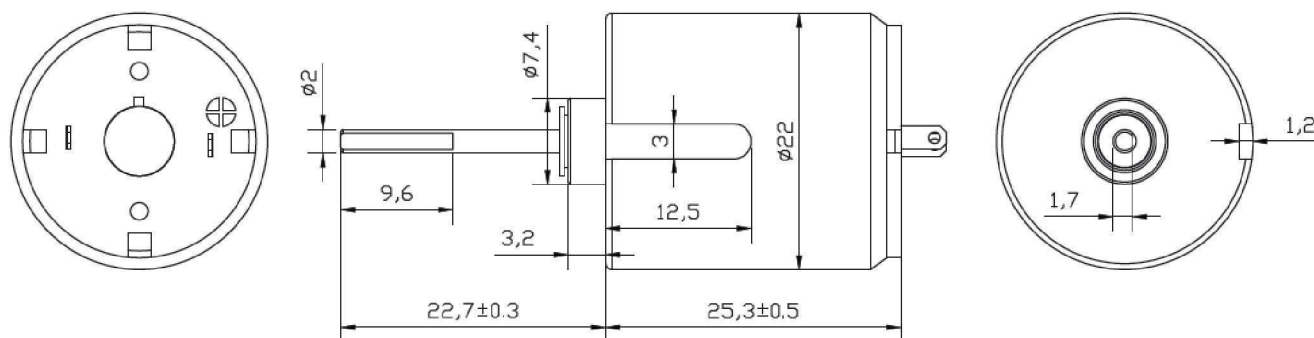
DC Mini Motor(Precious metal electric brush)



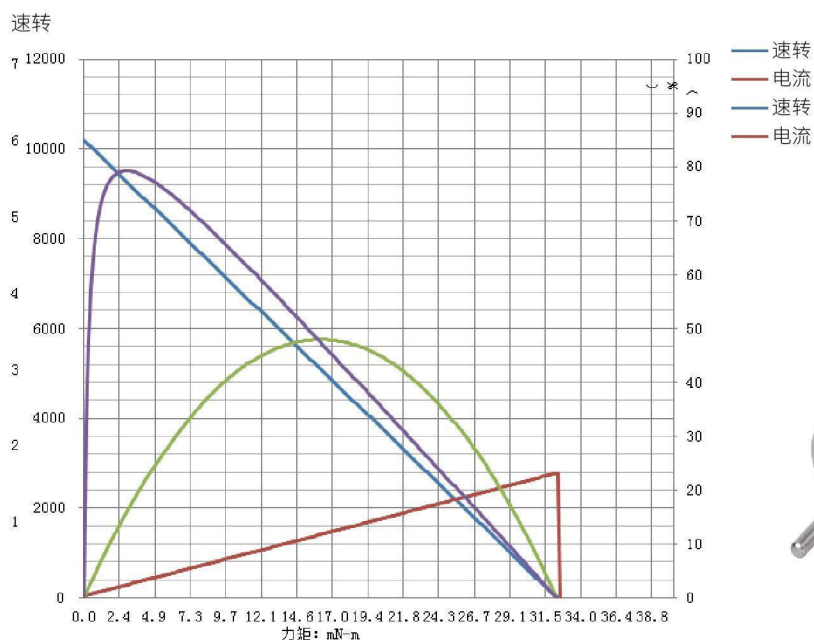
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	27	30	23
3.空载转速 No-load speed	rpm	8060	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6850	7160	9110	11600
7.最大功率 Max output power	W	3.4	4.9	9.1	14.2
8.最大效率 Max efficiency	%	81.4	81	79.3	80
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	16.2	23.1	35.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2230 系列 2230 Series

直流微电机 (贵金属电刷)

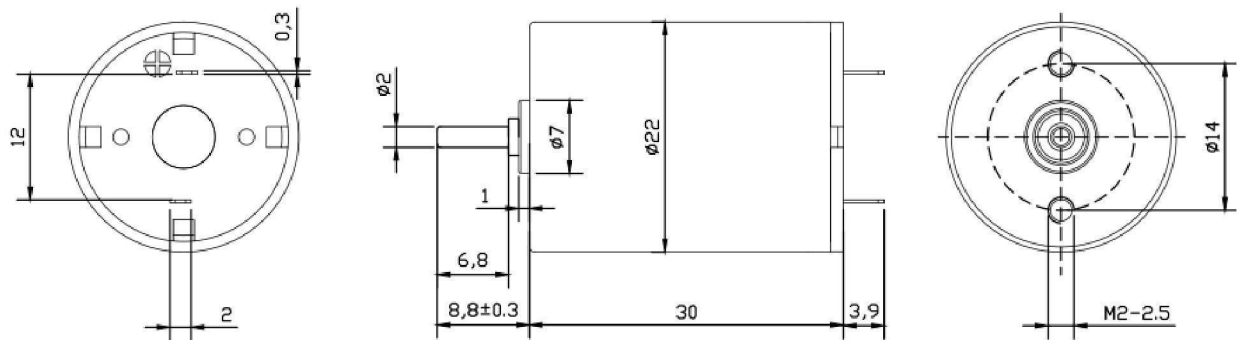
DC Mini Motor(Precious metal electric brush)



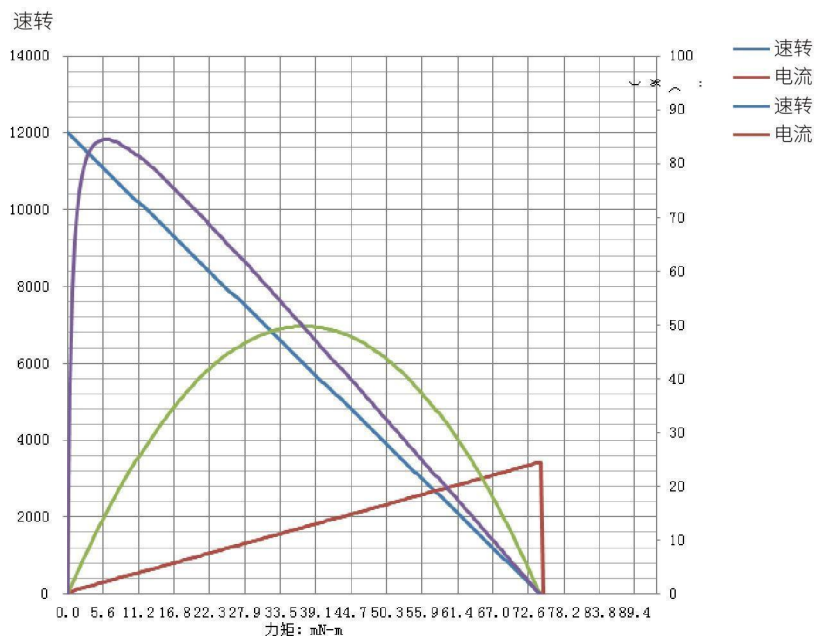
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	33	26	29	19
3.空载转速 No-load speed	rpm	8000	7900	10300	12000
4.额定负载电流 Nominal current	A	0.34	0.3	0.36	0.32
5.额定负载扭矩 Nominal torque	mNm	2.1	2.6	3.7	5.7
6.额定负载转速 Nominal speed	rpm	7360	7200	9510	11000
7.最大功率 Max output power	W	5.6	4.8	83.6	23.8
8.最大效率 Max efficiency	%	81	81.3	4.5	84.5
9.堵转电流 Stall current	A	3.8	3.2	4.5	3.9
10.堵转扭矩 Stall torque	mNm	26.5	30.4	4.9	74.5
11.电枢电阻 Armature resistance	Ω	1.6	2.5	2.6	6.1
12.转矩常数 Torque constant	mNm/Amp	6.9	9.5	10.8	19.1
13.电动势常数 E-force constant	mV/rda/sec	6.9	9.5	10.8	19.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



2232 系列 2232 Series

直流微电机 (贵金属电刷)

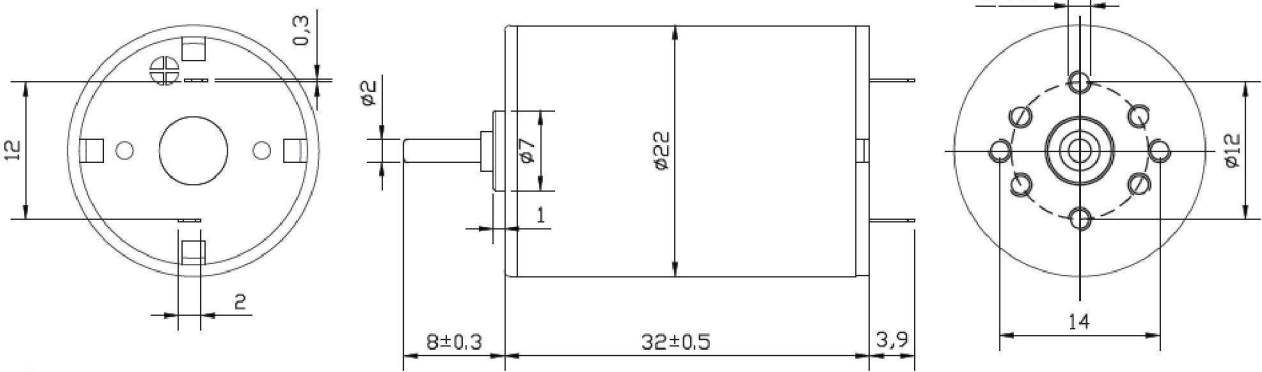
DC Mini Motor(Precious metal electric brush)



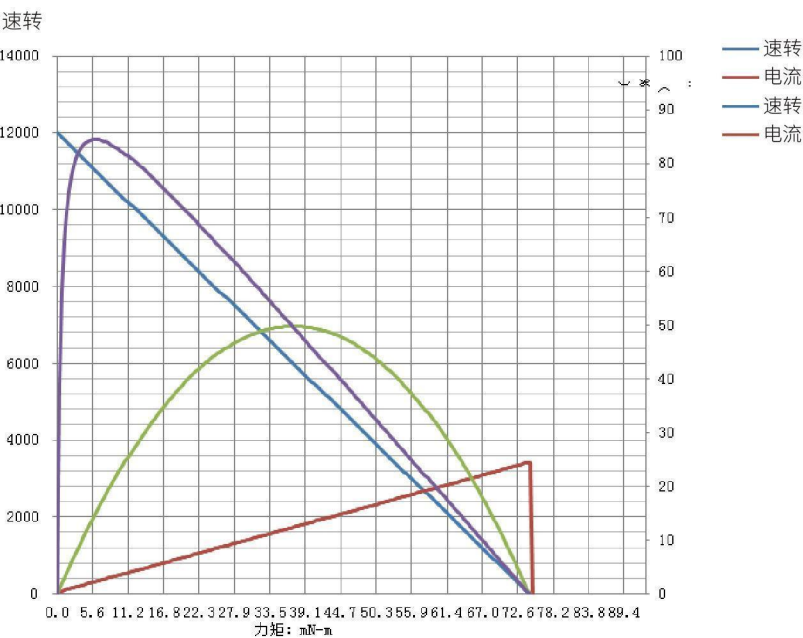
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	33	26	29	19
3.空载转速 No-load speed	rpm	8000	7900	10300	12000
4.额定负载电流 Nominal current	A	0.34	0.3	0.36	0.32
5.额定负载扭矩 Nominal torque	mNm	2.1	2.6	3.7	5.7
6.额定负载转速 Nominal speed	rpm	7360	7200	9510	11000
7.最大功率 Max output power	W	5.6	4.8	83.6	23.8
8.最大效率 Max efficiency	%	81	81.3	4.5	84.5
9.堵转电流 Stall current	A	3.8	3.2	4.5	3.9
10.堵转扭矩 Stall torque	mNm	26.5	30.4	4.9	74.5
11.电枢电阻 Armature resistance	Ω	1.6	2.5	2.6	6.1
12.转矩常数 Torque constant	mNm/Amp	6.9	9.5	10.8	19.1
13.电动势常数 E-force constant	mV/rda/sec	6.9	9.5	10.8	19.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



2240+bm 系列 2240 Series

直流微电机 (石墨电刷)

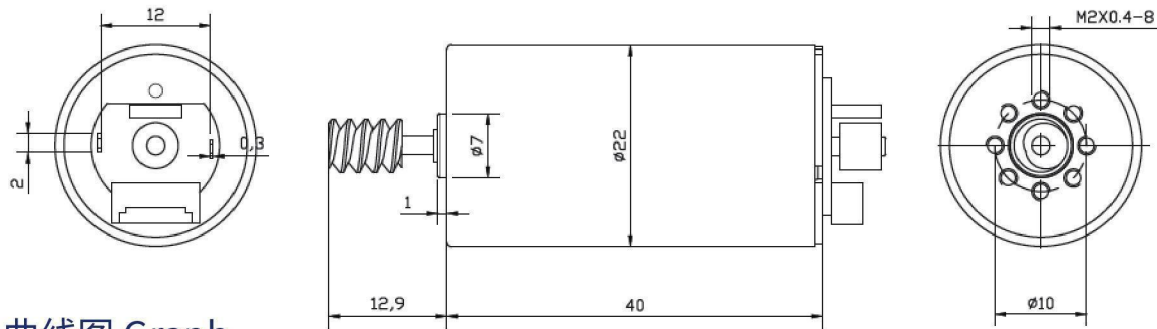
DC Mini Motor(Graphite electric brush)



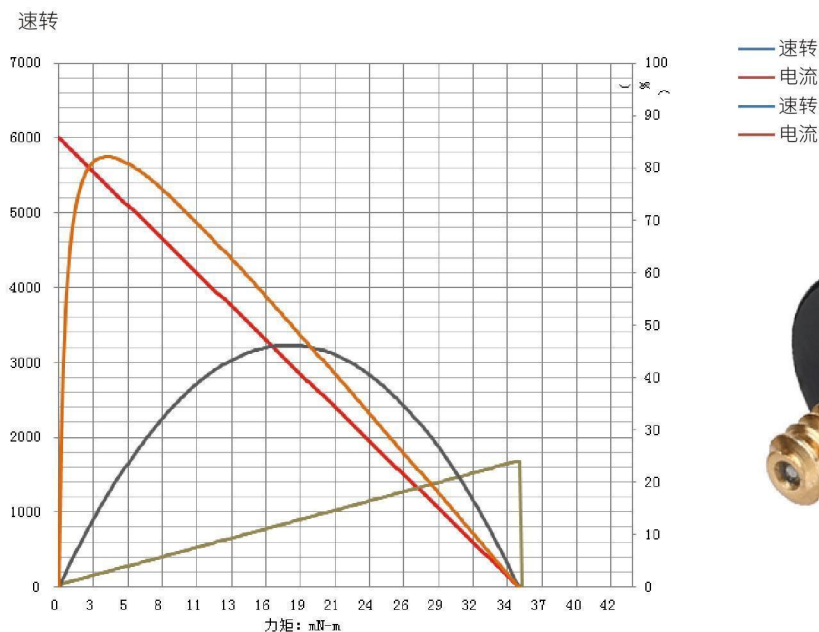
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	50	40	50	60
3.空载转速 No-load speed	rpm	6000	6200	8500	11700
4.额定负载电流 Nominal current	A	0.55	0.59	0.7	0.71
5.额定负载扭矩 Nominal torque	mNm	5.1	7.1	9.1	12.2
6.额定负载转速 Nominal speed	rpm	5100	5010	7300	10400
7.最大功率 Max output power	W	5.6	6.5	15.6	36.7
8.最大效率 Max efficiency	%	82	82.7	82.6	80.3
9.堵转电流 Stall current	A	3.2	3.1	5.1	6.2
10.堵转扭矩 Stall torque	mNm	35.3	39.2	68.6	117.6
11.电枢电阻 Armature resistance	Ω	1.66	2.58	2.35	3.87
12.转矩常数 Torque constant	mNm/Amp	9.8	12.6	13.4	13.9
13.电动势常数 E-force constant	mV/rda/sec	9.8	12.6	13.4	13.9
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2425 系列 2425 Series

直流微电机 (贵金属电刷)

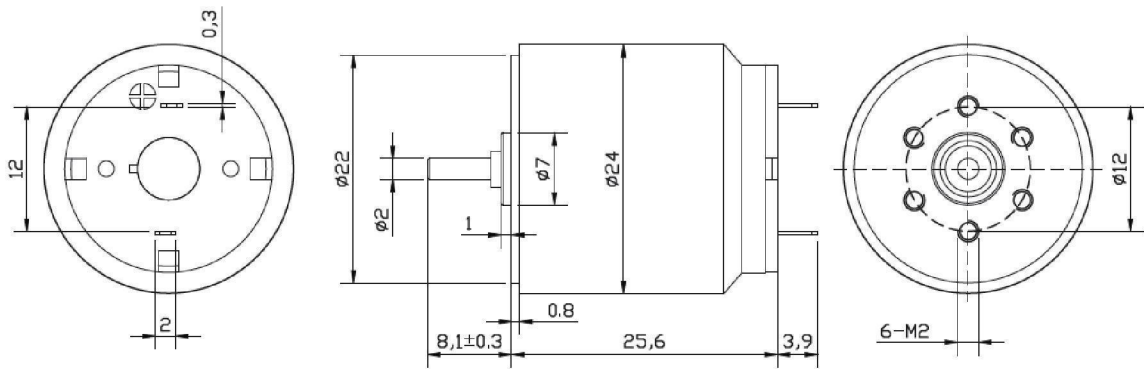
DC Mini Motor(Precious metal electric brush)



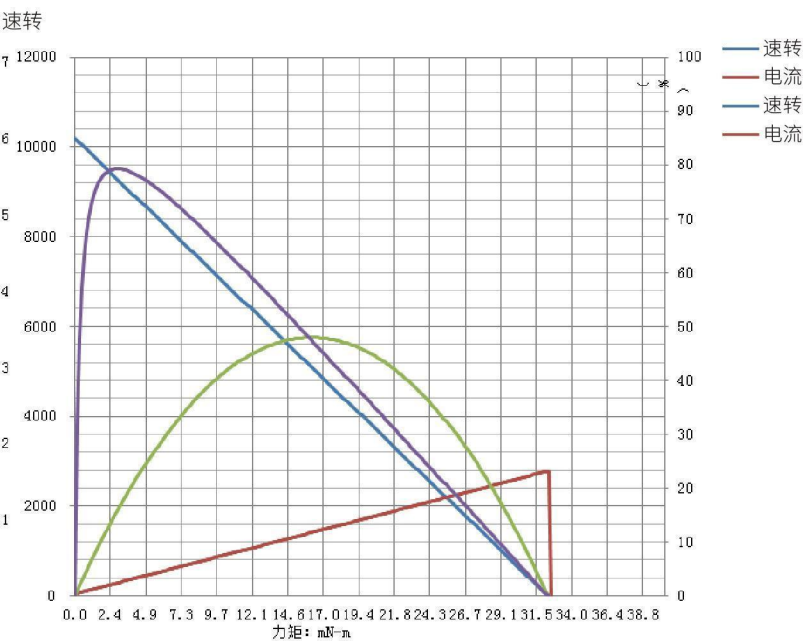
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	25	27	30	23
3.空载转速 No-load speed	rpm	8060	8100	10200	13000
4.额定负载电流 Nominal current	A	0.34	0.3	0.37	0.28
5.额定负载扭矩 Nominal torque	mNm	2.3	2.6	3.7	4.6
6.额定负载转速 Nominal speed	rpm	6850	7160	9110	11600
7.最大功率 Max output power	W	3.4	4.9	9.1	14.2
8.最大效率 Max efficiency	%	81.4	81	79.3	80
9.堵转电流 Stall current	A	2.2	2.4	3	2.4
10.堵转扭矩 Stall torque	mNm	16.2	23.1	35.3	41.1
11.电枢电阻 Armature resistance	Ω	2.7	3.3	4	10
12.转矩常数 Torque constant	mNm/Amp	7.1	9.3	10.7	17.1
13.电动势常数 E-force constant	mV/rda/sec	7.1	9.3	10.7	17.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

尺寸图Dimension figure



曲线图 Graph



2430 系列 2430 Series

直流微电机 (贵金属电刷)

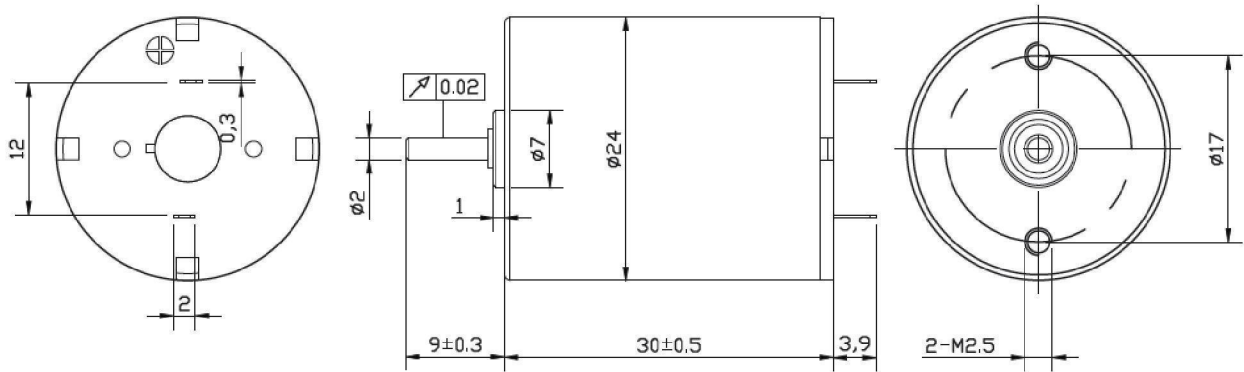
DC Mini Motor(Precious metal electric brush)



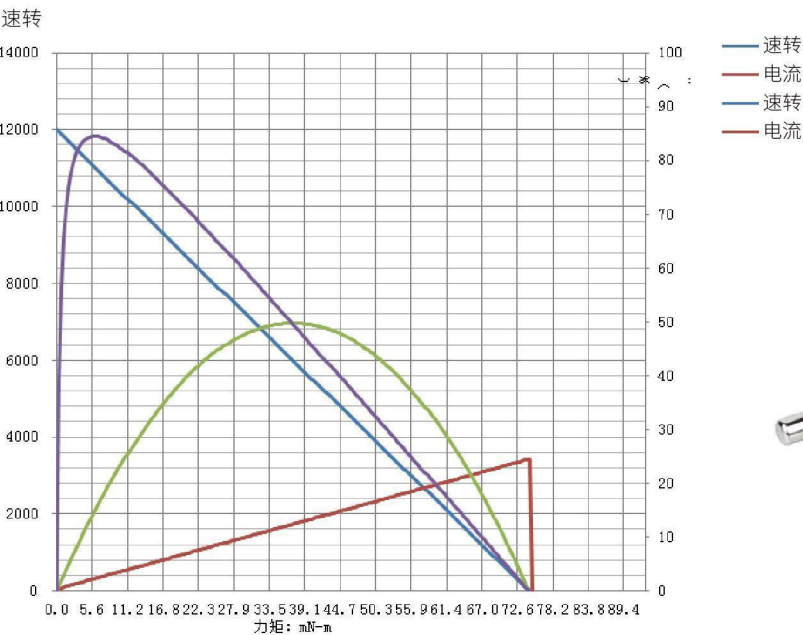
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	33	26	29	19
3.空载转速 No-load speed	rpm	8000	7900	10300	12000
4.额定负载电流 Nominal current	A	0.34	0.3	0.36	0.32
5.额定负载扭矩 Nominal torque	mNm	2.1	2.6	3.7	5.7
6.额定负载转速 Nominal speed	rpm	7360	7200	9510	11000
7.最大功率 Max output power	W	5.6	4.8	13.5	23.8
8.最大效率 Max efficiency	%	81	81.3	83.6	84.5
9.堵转电流 Stall current	A	3.8	3.2	4.5	3.9
10.堵转扭矩 Stall torque	mNm	26.5	30.4	4.9	74.5
11.电枢电阻 Armature resistance	Ω	1.6	2.5	2.6	6.1
12.转矩常数 Torque constant	mNm/Amp	6.9	9.5	10.8	19.1
13.电动势常数 E-force constant	mV/rda/sec	6.9	9.5	10.8	19.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph

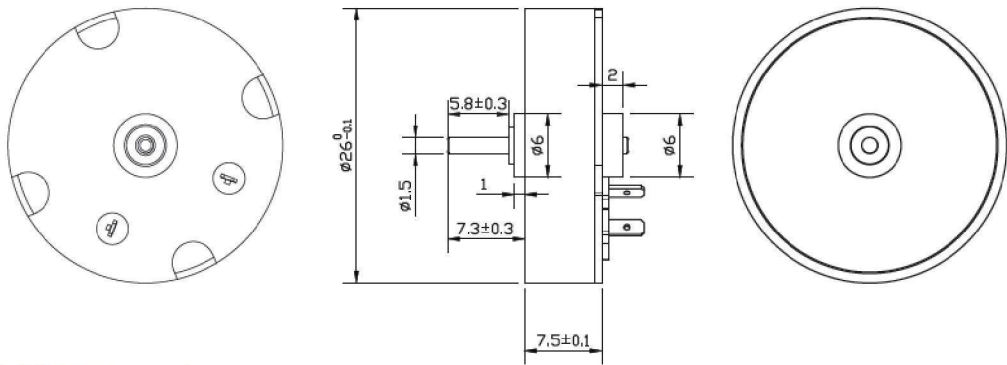


2607 系列 2607 Series
直流微电机 (贵金属电刷)
DC Mini Motor(Precious metal electric brush)

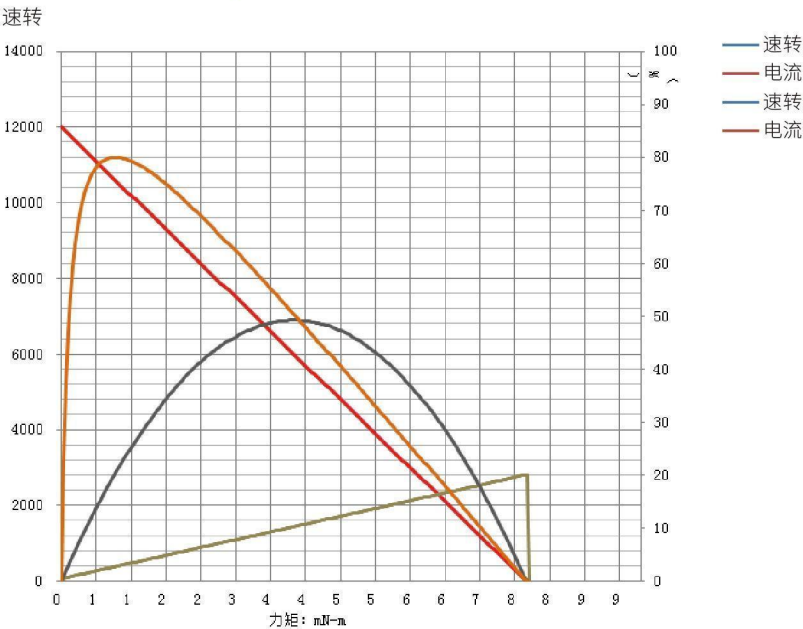
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	12	18	22	7
3.空载转速 No-load speed	rpm	6600	8900	10000	12000
4.额定负载电流 Nominal current	A	0.15	0.31	0.24	0.1
5.额定负载扭矩 Nominal torque	mNm	1.3	2.5	2.7	1.8
6.额定负载转速 Nominal speed	rpm	5200	6550	7500	9000
7.最大功率 Max output power	W	1.1	2.3	3	2.5
8.最大效率 Max efficiency	%	83.1	81	82.3	80.3
9.堵转电流 Stall current	A	0.7	1.1	0.9	0.4
10.堵转扭矩 Stall torque	mNm	6.37	9.8	11.27	7.8
11.电枢电阻 Armature resistance	Ω	8.57	7.27	13.3	60
12.转矩常数 Torque constant	mNm/Amp	9.1	8.9	12.5	19.6
13.电动势常数 E-force constant	mV/rda/sec	9.1	8.9	12.5	19.6
14.极对数 Number of pole-pairs	2				
15.相位数 Number of phase	6				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



2610 系列 2610 Series

直流微电机 (贵金属无刷)

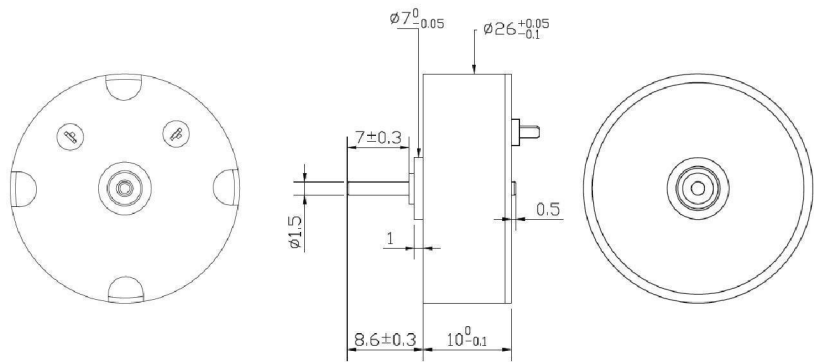
DC Mini Motor(Precious metal electric brush)



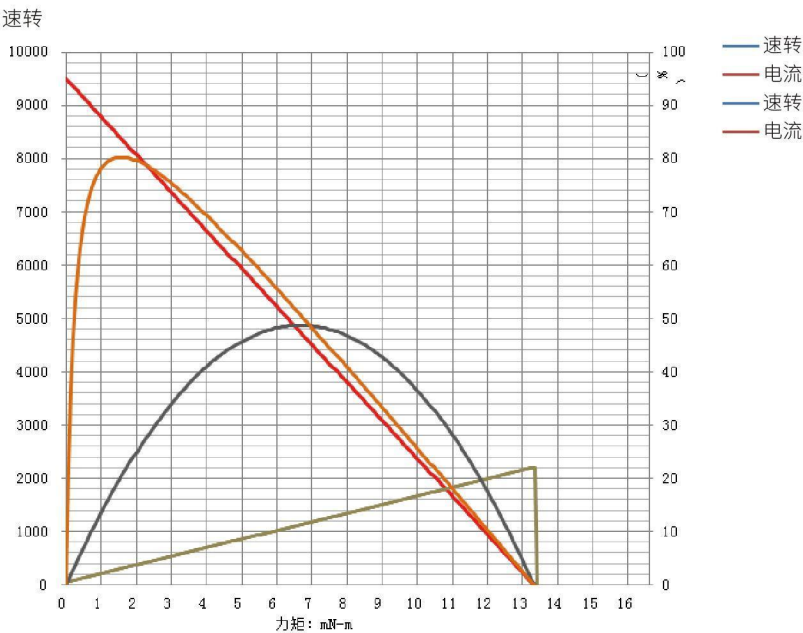
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	9	20	22	8
3.空载转速 No-load speed	rpm	5000	8900	95000	12000
4.额定负载电流 Nominal current	A	0.11	0.25	0.2	0.1
5.额定负载扭矩 Nominal torque	mNm	1.2	2.1	2.7	1.8
6.额定负载转速 Nominal speed	rpm	3850	7150	7800	9700
7.最大功率 Max output power	W	0.8	2.7	3.5	3.1
8.最大效率 Max efficiency	%	82	85	84	80.8
9.堵转电流 Stall current	A	0.5	1.2	1.1	0.5
10.堵转扭矩 Stall torque	mNm	5.88	11.2	13.7	9.8
11.电枢电阻 Armature resistance	Ω	12	6.6	10.9	48
12.转矩常数 Torque constant	mNm/Amp	11.7	9.39	12.4	19.6
13.电动势常数 E-force constant	mV/rda/sec	11.7	9.39	12.4	19.6
14.极对数 Number of pole-pairs	2				
15.相位数 Number of phase	6				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



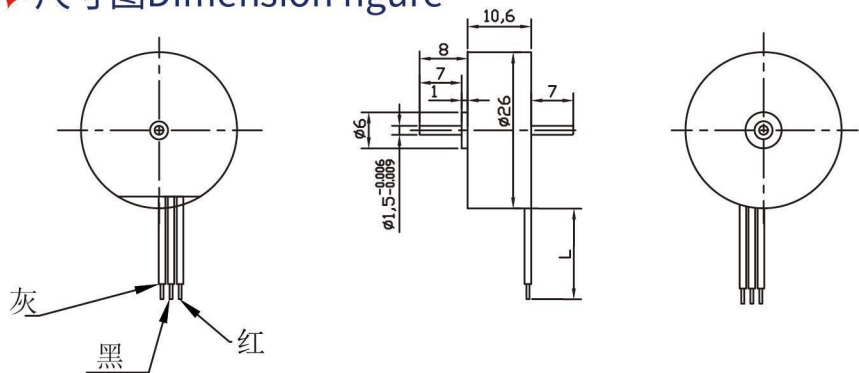
2610 系列 2610 Series
直流微电机 (无刷直流电机)
DC Mini Motor (Brushless dc motor)



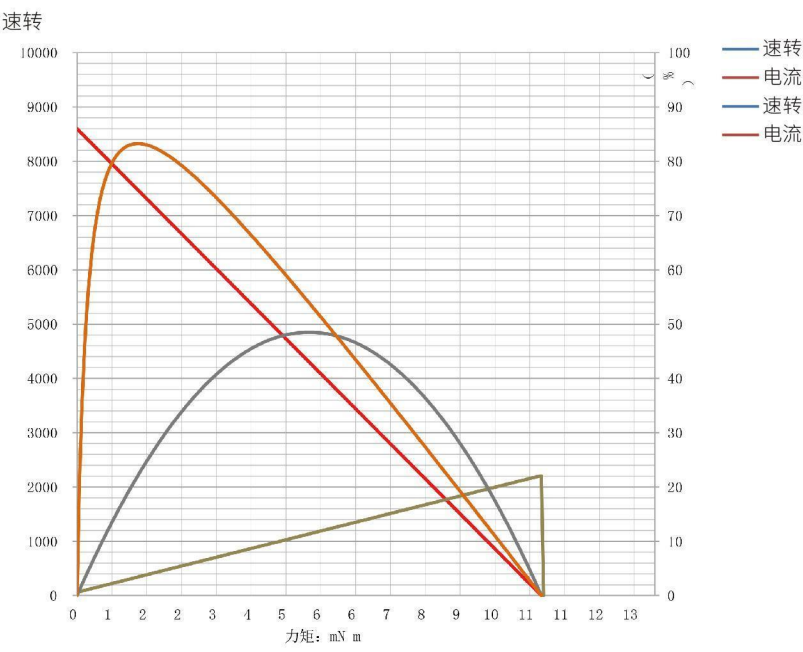
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1. 额定电压 Nominal voltage	V/DC	6	8	12	24
2. 空载电流 No-load current	MA	9	20	22	8
3. 空载转速 No-load speed	rpm	5000	8900	9500	12000
4. 额定负载电流 Nominal current	A	0.11	0.25	0.2	0.1
5. 额定负载扭矩 Nominal torque	mNm	1.2	2.1	2.7	1.8
6. 额定负载转速 Nominal speed	rpm	3850	7150	7800	9700
7. 最大功率 Max output power	W	0.8	2.7	3.5	3.1
8. 最大效率 Max efficiency	%	82	85	84	80.8
9. 堵转电流 Stall current	A	0.5	1.2	1.1	0.5
10. 堵转扭矩 Stall torque	mNm	5.88	11.2	13.7	9.8
11. 电枢电阻 Armature resistance	Ω	12	6.6	10.9	48
12. 转矩常数 Torque constant	mNm/Amp	11.7	9.39	12.4	19.6
13. 电动势常数 E-force constant	mV/rda/sec	11.7	9.39	12.4	19.6
14. 极对数 Number of pole-pairs	2				
15. 相位数 Number of phase	6				

尺寸图 Dimension figure



曲线图 Graph



2016 系列 2016 Series

直流微电机 (无刷电机)

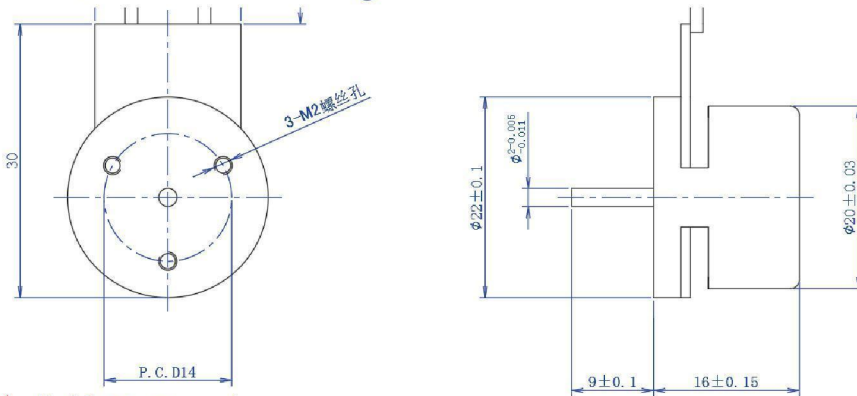
DC Mini Motor (brushless motor)



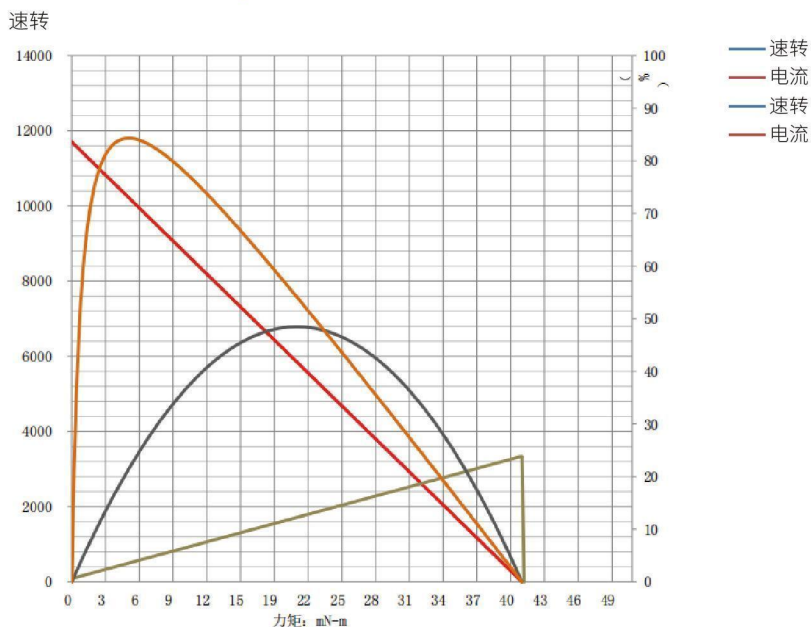
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	70	70	80	80
3.空载转速 No-load speed	rpm	8000	9000	11700	13000
4.额定负载电流 Nominal current	A	0.35	0.45	0.55	0.65
5.额定负载扭矩 Nominal torque	mNm	3	5	5	5.5
6.额定负载转速 Nominal speed	rpm	6263	7321	10300	11600
7.最大功率 Max output power	W	2.45	4.65	12.48	14.2
8.最大效率 Max efficiency	%	78.1	81	79.9	80
9.堵转电流 Stall current	A	1.3	1.9	2.5	2.8
10.堵转扭矩 Stall torque	mNm	12	20.2	41.2	42.5
11.电枢电阻 Armature resistance	Ω	1.5	1.3	1.1	10
12.转矩常数 Torque constant	mNm/Amp	9.2	9.2	16.5	15.2
13.电动势常数 E-force constant	mV/rda/sec	9.2	9.2	16.5	15.2
14.极对数 Number of pole-pairs	5				
15.相位数 Number of phase	3				

◆ 尺寸图 Dimension figure



◆ 曲线图 Graph



直流微电机(贵金属电刷)



1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	20	25	35	30
3.空载转速 No-load speed	rpm	5000	7100	10000	11000
4.额定负载电流 Nominal current	A	0.37	0.33	0.5	0.37
5.额定负载扭矩 Nominal torque	mNm	4.1	3.1	5.1	7.3
6.额定负载转速 Nominal speed	rpm	4120	6400	8900	9600
7.最大功率 Max output power	W	3.3	7.2	13	17.2
8.最大效率 Max efficiency	%	84.3	82	83.6	82.7
9.堵转电流 Stall current	A	2.1	3.7	4.3	2.8
10.堵转扭矩 Stall torque	mNm	24.5	38.2	49	58.8
11.电枢电阻 Armature resistance	Ω	2.86	2.16	2.8	8.6
12.转矩常数 Torque constant	mNm/Amp	11.6	10.3	11.4	21
13.电动势常数 E-force constant	mV/rda/sec	11.6	10.3	11.4	21
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

速转

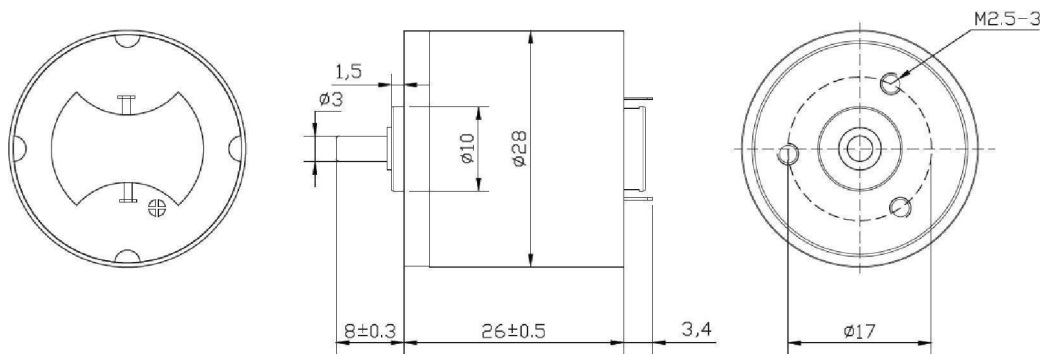


2826 系列
2826 Series
直流微电机 (贵金属电刷)
DC Mini Motor(Precious metal electric brush)

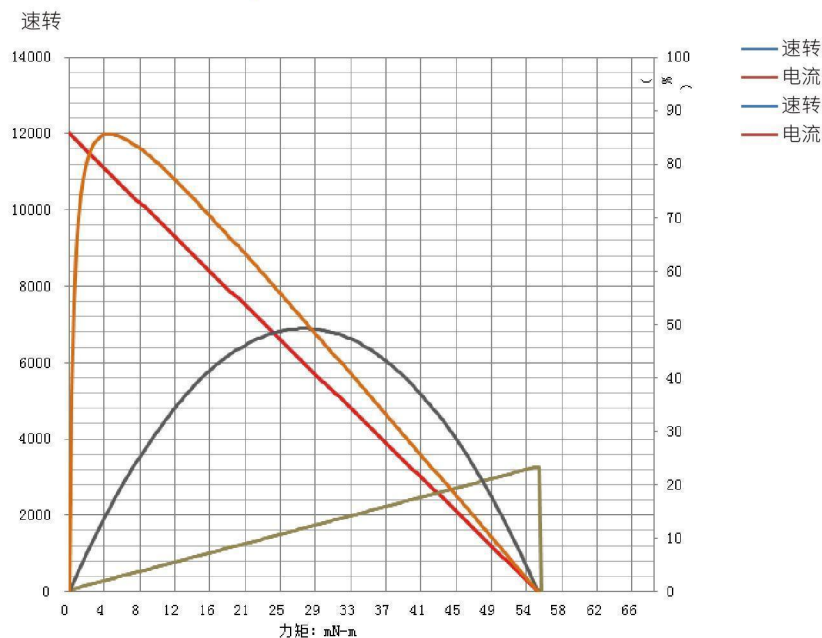
在常温25°C和名义电压下的数值
At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	9	15	20	25
3.空载转速 No-load speed	rpm	4000	6100	7500	12000
4.额定负载电流 Nominal current	A	0.1	0.34	0.28	0.35
5.额定负载扭矩 Nominal torque	mNm	1.2	4.2	4.2	6.5
6.额定负载转速 Nominal speed	rpm	3450	4600	6000	10500
7.最大功率 Max output power	W	0.8	2.9	4.5	17.6
8.最大效率 Max efficiency	%	81	82.6	84	85
9.堵转电流 Stall current	A	0.5	1.4	1.4	2.8
10.堵转扭矩 Stall torque	mNm	7	17.6	22.5	54.8
11.电枢电阻 Armature resistance	Ω	12	5.7	8.57	8.6
12.转矩常数 Torque constant	mNm/Amp	14.1	12.6	16.1	19.6
13.电动势常数 E-force constant	mV/rda/sec	14.1	12.6	16.1	19.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	7				

尺寸图
Dimension figure



曲线图
Graph



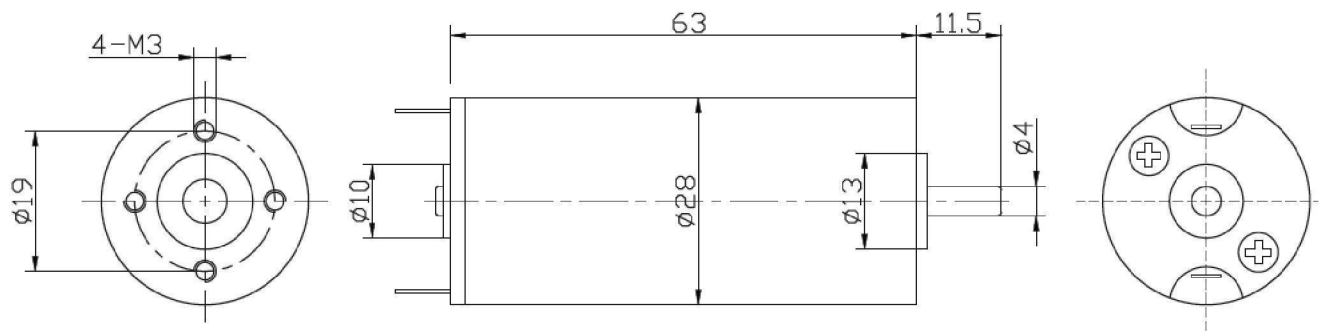
2863 系列 2863 Series
直流微电机 (石墨电刷)
DC Mini Motor(Graphite electric brush)



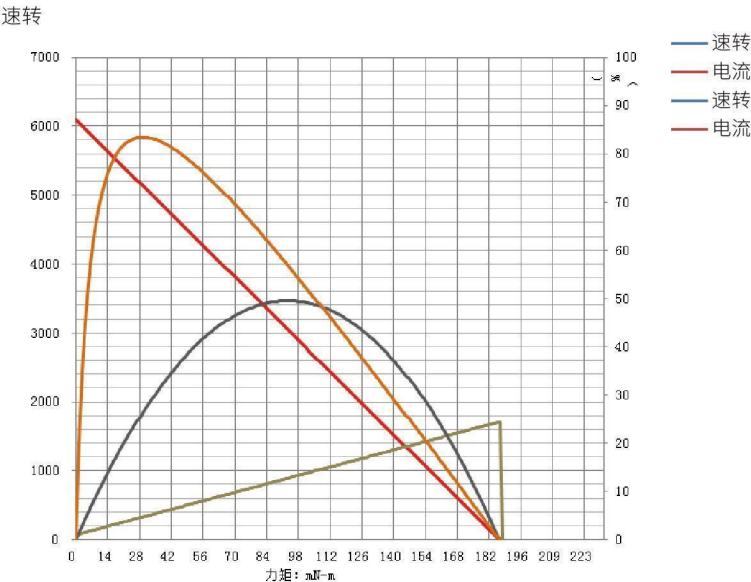
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	18	24	36
2.空载电流 No-load current	MA	0.13	0.23	0.25	0.4
3.空载转速 No-load speed	rpm	4000	6100	7400	10000
4.额定负载电流 Nominal current	A	0.6	1.2	1.3	1.6
5.额定负载扭矩 Nominal torque	mNm	18	35	34	55
6.额定负载转速 Nominal speed	rpm	3180	4500	6500	8450
7.最大功率 Max output power	W	9.4	30	55	95
8.最大效率 Max efficiency	%	81	82.6	82	83
9.堵转电流 Stall current	A	2.5	5.6	9	8.3
10.堵转扭矩 Stall torque	mNm	88.2	186	279	352.8
11.电枢电阻 Armature resistance	Ω	4.8	3.2	2.66	4.3
12.转矩常数 Torque constant	mNm/Amp	35.3	33.2	31	42.5
13.电动势常数 E-force constant	mV/rda/sec	35.3	33.2	31	42.5
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

尺寸图Dimension figure



曲线图 Graph



3261 系列 3261 Series

直流微电机 (石墨电刷)

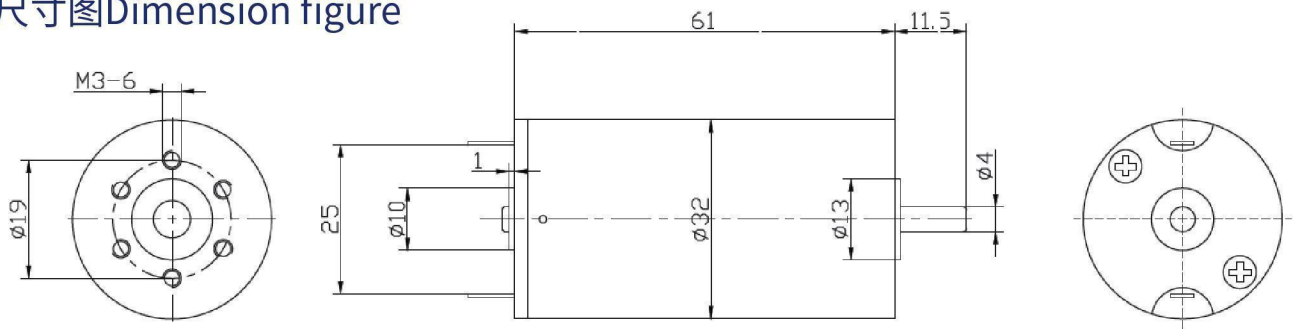
DC Mini Motor(Graphite electric brush)



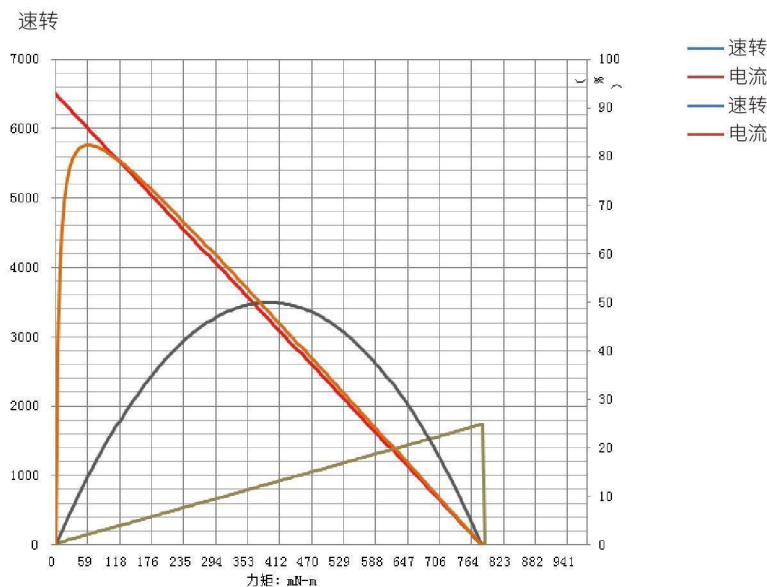
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	18	24	36
2.空载电流 No-load current	MA	0.18	0.16	0.12	0.15
3.空载转速 No-load speed	rpm	6500	7000	6500	8000
4.额定负载电流 Nominal current	A	4	3.5	3.7	4.2
5.额定负载扭矩 Nominal torque	mNm	66	82	120	170
6.额定负载转速 Nominal speed	rpm	5700	6200	5400	6600
7.最大功率 Max output power	W	88	137	136	208
8.最大效率 Max efficiency	%	81	83	82	81
9.堵转电流 Stall current	A	31	31	23	24
10.堵转扭矩 Stall torque	mNm	510	735	784	980
11.电枢电阻 Armature resistance	Ω	0.38	0.58	1.06	1.5
12.转矩常数 Torque constant	mNm/Amp	16.4	23.7	34	40.8
13.电动势常数 E-force constant	mV/rda/sec	16.4	23.7	34	40.8
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



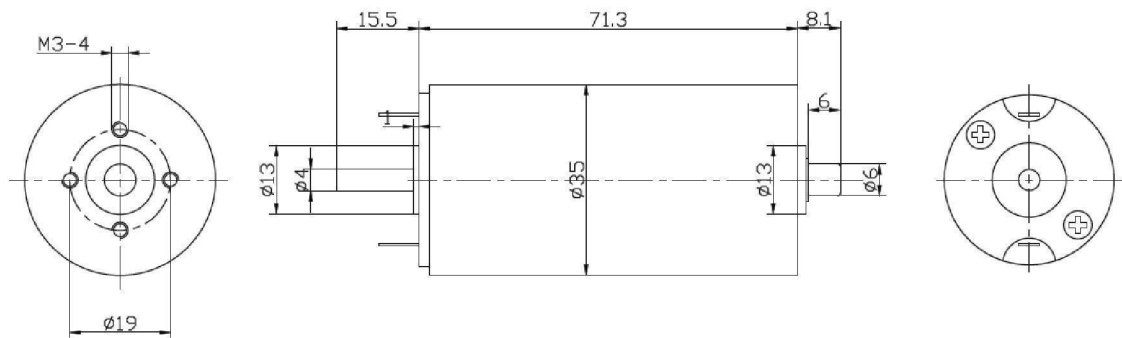
3571 系列 3571 Series
直流微电机 (石墨电刷)
DC Mini Motor(Graphite electric brush)



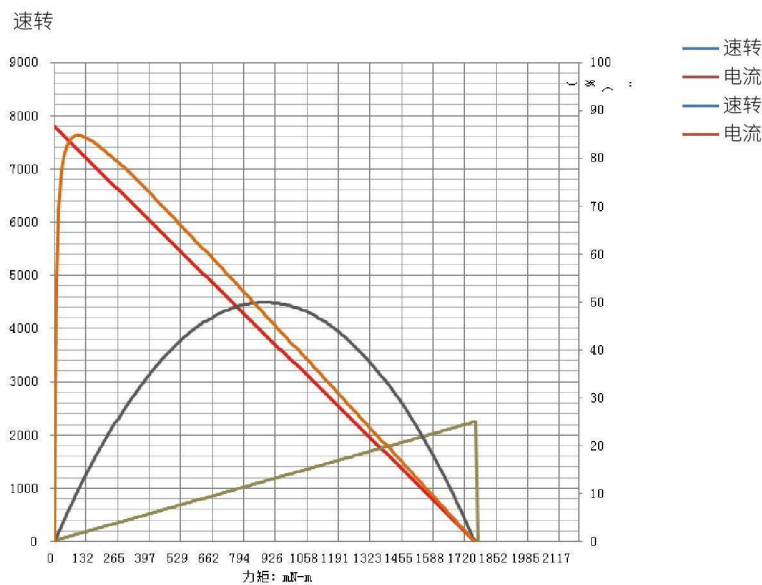
◆ 在常温25℃和名义电压下的数值 At normal temperature 25℃ and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	18	24	36
2.空载电流 No-load current	MA	0.4	0.28	0.23	0.15
3.空载转速 No-load speed	rpm	8200	7500	7800	8500
4.额定负载电流 Nominal current	A	8	6.4	5.5	4.1
5.额定负载扭矩 Nominal torque	mNm	112	136	150	150
6.额定负载转速 Nominal speed	rpm	7600	6800	7100	7800
7.最大功率 Max output power	W	343	314	367	422
8.最大效率 Max efficiency	%	83	83	83	82
9.堵转电流 Stall current	A	121	73	63	49.5
10.堵转扭矩 Stall torque	mNm	1568	1562	1764	1862
11.电枢电阻 Armature resistance	Ω	0.1	0.25	0.38	0.72
12.转矩常数 Torque constant	mNm/Amp	12.9	21.4	28	37.6
13.电动势常数 E-force constant	mV/rda/sec	12.9	21.4	28	37.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



1.额定电压 Nominal voltage	V/DC	12	18	24	36
2.空载电流 No-load current	MA	0.4	0.28	0.23	0.15
3.空载转速 No-load speed	rpm	8200	7500	7800	8500
4.额定负载电流 Nominal current	A	8	6.4	5.5	4.1
5.额定负载扭矩 Nominal torque	mNm	112	136	150	150
6.额定负载转速 Nominal speed	rpm	7600	6800	7100	7800
7.最大功率 Max output power	W	343	314	367	422
8.最大效率 Max efficiency	%	83	83	83	82
9.堵转电流 Stall current	A	121	73	63	49.5
10.堵转扭矩 Stall torque	mNm	1568	1562	1764	1862
11.电枢电阻 Armature resistance	Ω	0.1	0.25	0.38	0.72
12.转矩常数 Torque constant	mNm/Amp	12.9	21.4	28	37.6
13.电动势常数 E-force constant	mV/rda/sec	12.9	21.4	28	37.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

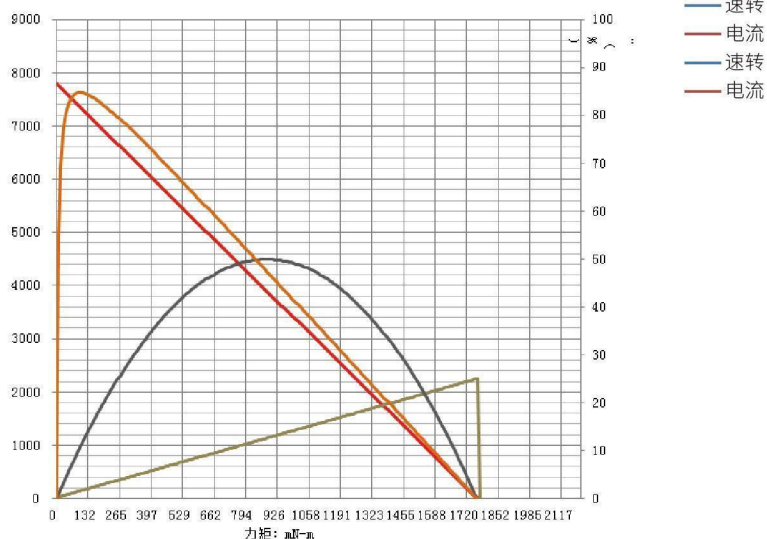
Technical drawing of a mechanical part showing three views: front, top, and side.

Front View: Shows a cylindrical part with a central hole of diameter $\phi 36$. The part has a flange with a diameter of $\phi 19$ and a mounting flange with a diameter of $\phi 13$. The mounting flange has a thickness of 8.1. The overall length of the part is 71.3.

Top View: Shows a circular base with four M3 holes. The diameter of the base is $\phi 19$.

Side View: Shows the overall length of 71.3 and the thickness of the mounting flange as 8.1. The diameter of the mounting flange is $\phi 13$.

速转



4071 系列 4071 Series

直流微电机 (石墨电刷)

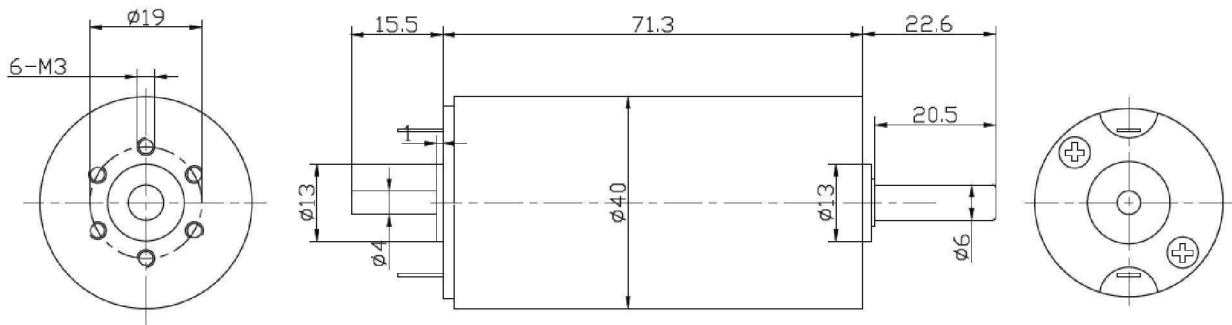
DC Mini Motor(Graphite electric brush)



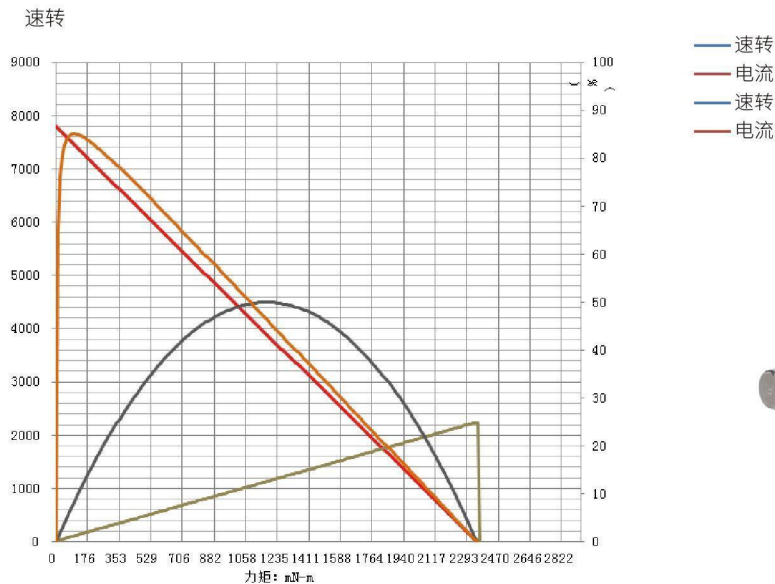
在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	24	36	48
2.空载电流 No-load current	MA	0.3	0.17	0.12	0.09
3.空载转速 No-load speed	rpm	7200	7600	7600	7800
4.额定负载电流 Nominal current	A	9.8	7.6	5	4.1
5.额定负载扭矩 Nominal torque	mNm	6510	200	202	221
6.额定负载转速 Nominal speed	rpm	142	6920	6900	7000
7.最大功率 Max output power	W	301	457	457	490
8.最大效率 Max efficiency	%	83	83	82	85
9.堵转电流 Stall current	A	106	83	55	49.5
10.堵转扭矩 Stall torque	mNm	1568	2254	2254	2352
11.电枢电阻 Armature resistance	Ω	0.11	0.29	0.65	1.11
12.转矩常数 Torque constant	mNm/Amp	14.8	27.1	40.9	54.6
13.电动势常数 E-force constant	mV/rda/sec	14.8	27.1	40.9	54.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

尺寸图Dimension figure



曲线图 Graph



1725+js+bm 系列 1725+js+bm Series

直流微电机(贵金属电刷)

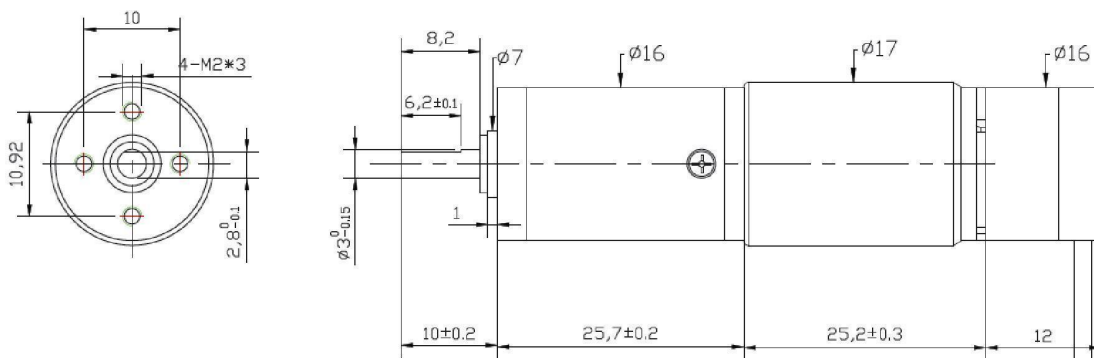
DC Mini Motor(Precious metal electric brush)



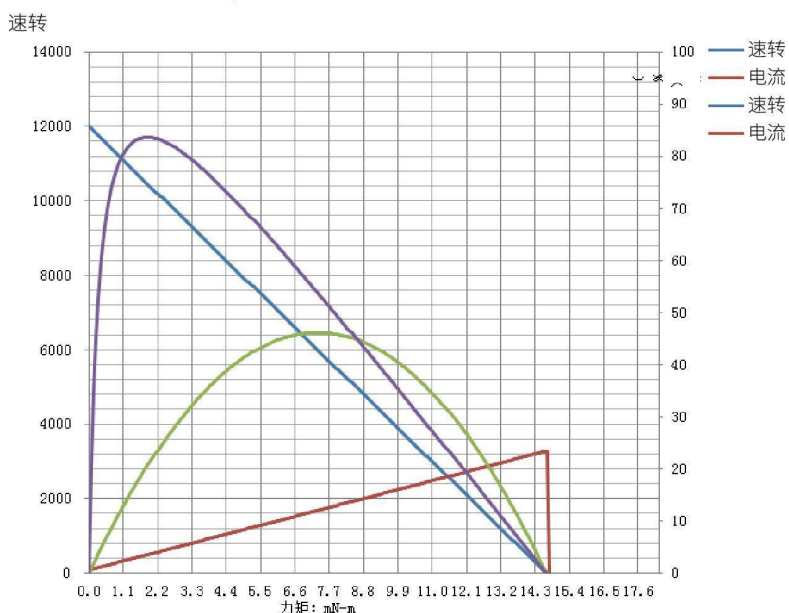
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	6	8	12	24
2.空载电流 No-load current	MA	18	17	23	12
3.空载转速 No-load speed	rpm	8000	8200	10200	12000
4.额定负载电流 Nominal current	A	0.36	0.3	0.27	0.14
5.额定负载扭矩 Nominal torque	mNm	2.4	2.7	3	2.4
6.额定负载转速 Nominal speed	rpm	6400	6850	8360	9750
7.最大功率 Max output power	W	1.6	3.4	4.5	4.7
8.最大效率 Max efficiency	%	80.6	85.2	82.6	83.7
9.堵转电流 Stall current	A	1.8	1.6	1.4	0.7
10.堵转扭矩 Stall torque	mNm	12.7	15.7	16.7	14.7
11.电枢电阻 Armature resistance	Ω	3.3	5	8.5	34.2
12.转矩常数 Torque constant	mNm/Amp	7.08	9.8	11.9	21.1
13.电动势常数 E-force constant	mV/rda/sec	7.08	9.8	11.9	21.1
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	5				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



3261+js+bm 系列 3261 Gear Series

直流微电机 (石墨电刷)

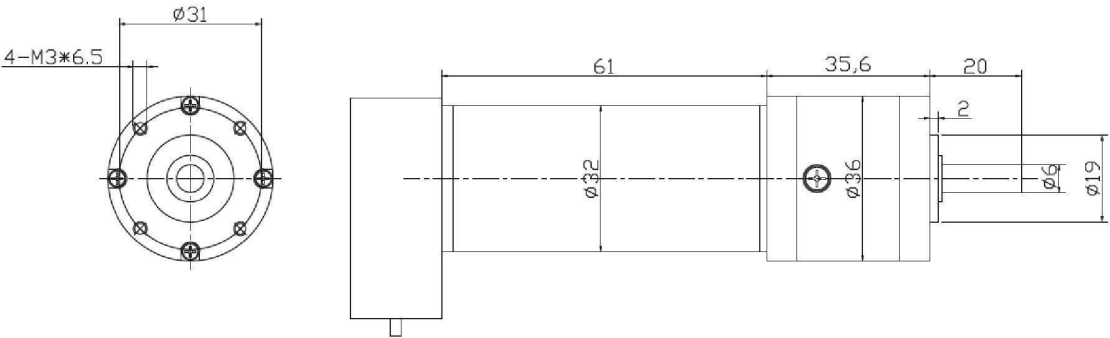
DC Mini Motor(Graphite electric brush)



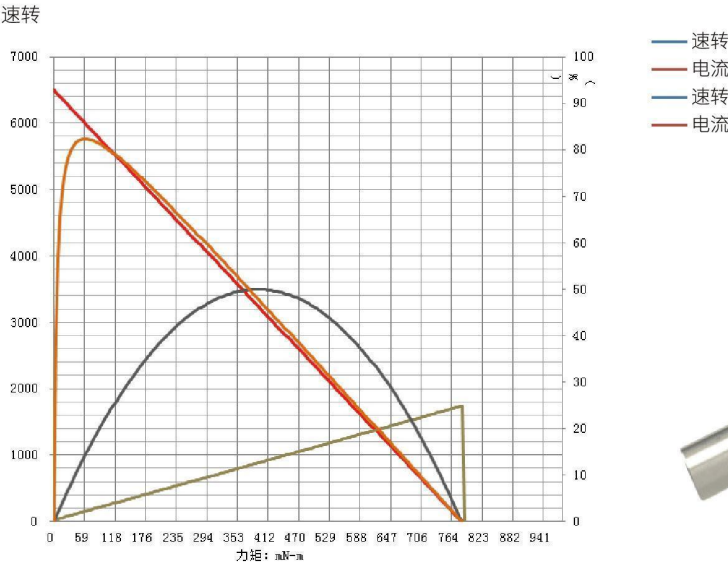
◆ 在常温25℃和名义电压下的数值 At normal temperature 25℃ and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	18	24	36
2.空载电流 No-load current	MA	0.18	0.16	0.12	0.15
3.空载转速 No-load speed	rpm	6500	7000	6500	8000
4.额定负载电流 Nominal current	A	4	3.5	3.7	4.2
5.额定负载扭矩 Nominal torque	mNm	66	82	120	170
6.额定负载转速 Nominal speed	rpm	5700	6200	5400	6600
7.最大功率 Max output power	W	88	137	136	208
8.最大效率 Max efficiency	%	81	83	82	81
9.堵转电流 Stall current	A	31	31	23	24
10.堵转扭矩 Stall torque	mNm	510	735	784	980
11.电枢电阻 Armature resistance	Ω	0.38	0.58	1.06	1.5
12.转矩常数 Torque constant	mNm/Amp	16.4	23.7	34	40.8
13.电动势常数 E-force constant	mV/rda/sec	16.4	23.7	34	40.8
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



3571 +js+bm 系列 3571 Gear Series

直流微电机 (石墨电刷)

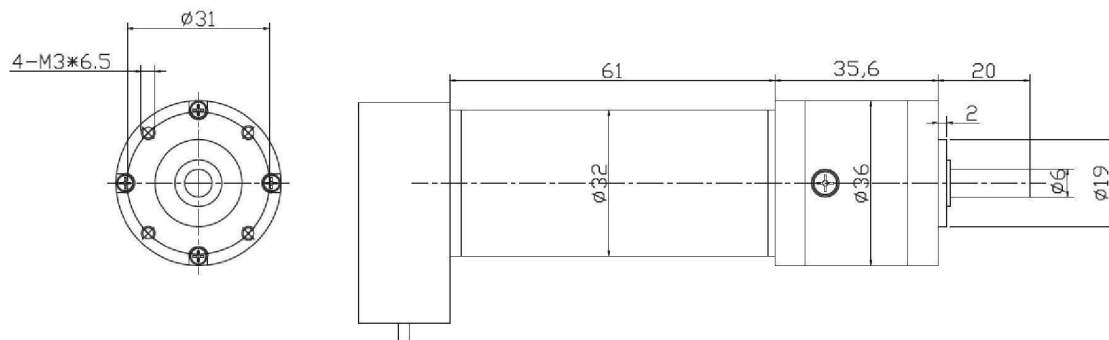
DC Mini Motor(Graphite electric brush)



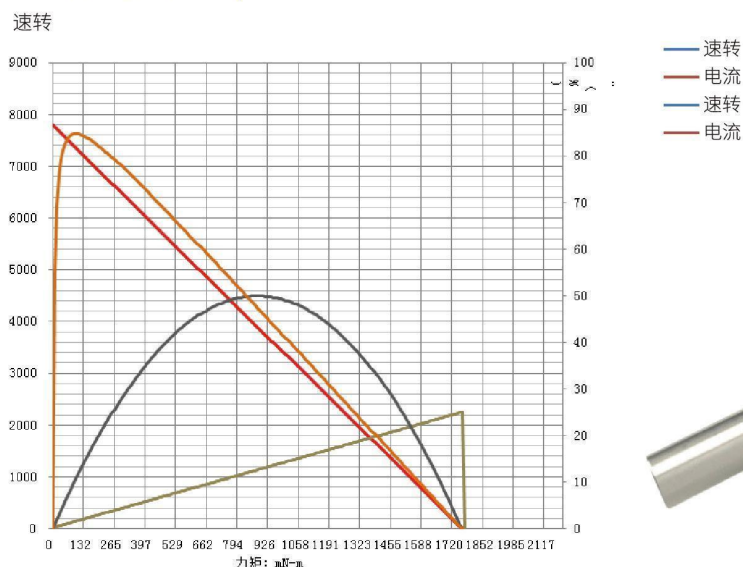
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	18	24	36
2.空载电流 No-load current	MA	0.4	0.28	0.23	0.15
3.空载转速 No-load speed	rpm	8200	7500	7800	8500
4.额定负载电流 Nominal current	A	8	6.4	5.5	4.1
5.额定负载扭矩 Nominal torque	mNm	112	136	150	150
6.额定负载转速 Nominal speed	rpm	7600	6800	7100	7800
7.最大功率 Max output power	W	343	314	367	422
8.最大效率 Max efficiency	%	83	83	83	82
9.堵转电流 Stall current	A	121	73	63	49.5
10.堵转扭矩 Stall torque	mNm	1568	1562	1764	1862
11.电枢电阻 Armature resistance	Ω	0.1	0.25	0.38	0.72
12.转矩常数 Torque constant	mNm/Amp	12.9	21.4	28	37.6
13.电动势常数 E-force constant	mV/rda/sec	12.9	21.4	28	37.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



4071+36js 系列 4071+36js Series

直流微电机 (石墨电刷)

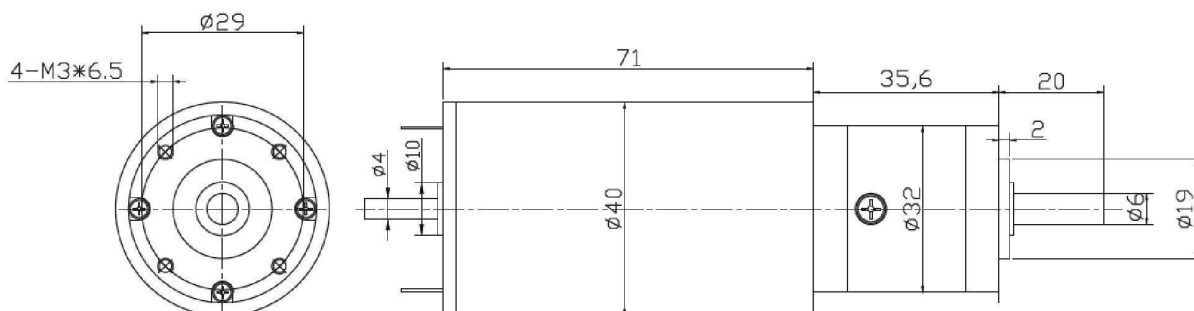
DC Mini Motor(Graphite electric brush)



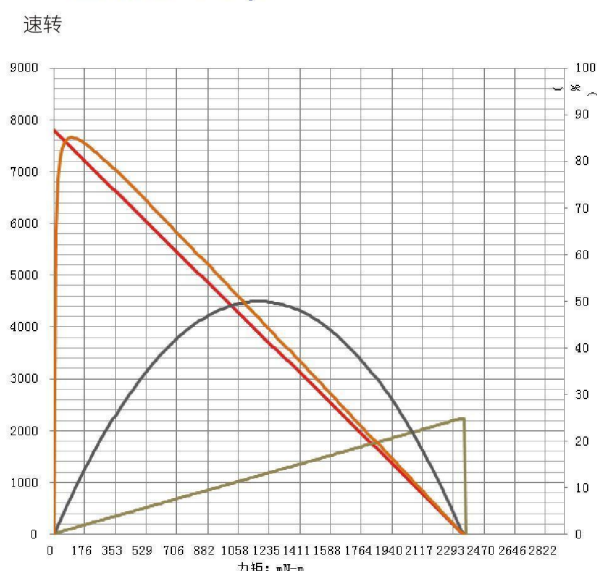
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	24	36	48
2.空载电流 No-load current	MA	0.3	0.17	0.12	0.09
3.空载转速 No-load speed	rpm	7200	7600	7600	7800
4.额定负载电流 Nominal current	A	9.8	7.6	5	4.1
5.额定负载扭矩 Nominal torque	mNm	6510	200	202	221
6.额定负载转速 Nominal speed	rpm	142	6920	6900	7000
7.最大功率 Max output power	W	301	457	457	490
8.最大效率 Max efficiency	%	83	83	82	85
9.堵转电流 Stall current	A	106	83	55	49.5
10.堵转扭矩 Stall torque	mNm	1568	2254	2254	2352
11.电枢电阻 Armature resistance	Ω	0.11	0.29	0.65	1.11
12.转矩常数 Torque constant	mNm/Amp	14.8	27.1	40.9	54.6
13.电动势常数 E-force constant	mV/rda/sec	14.8	27.1	40.9	54.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



— 速转
— 电流
— 速转
— 电流



4071+42js 系列 4071+42js Series

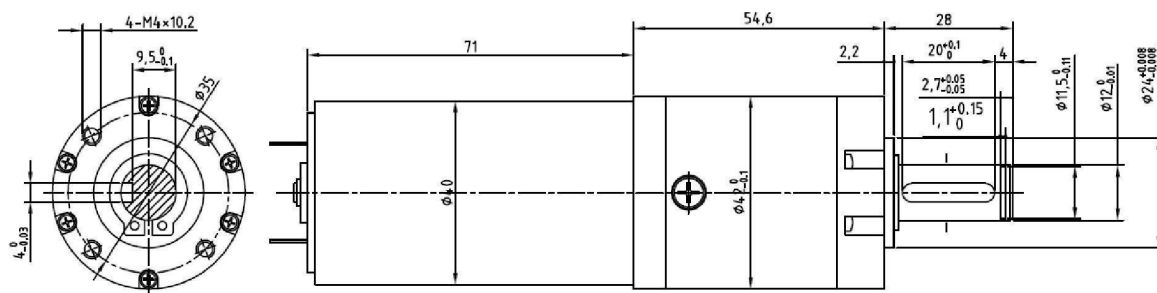
直流电机(石墨电刷) DC Mini Motor(Graphite electric brush)



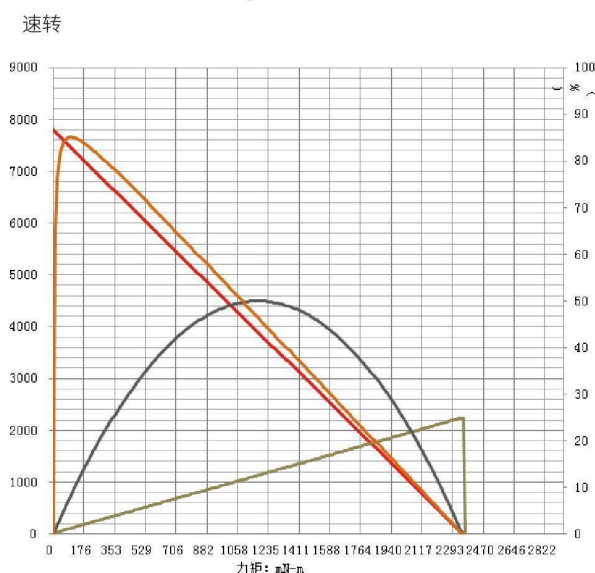
◆ 在常温25°C和名义电压下的数值 At normal temperature 25°C and nominal voltage

1.额定电压 Nominal voltage	V/DC	12	24	36	48
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3.空载转速 No-load speed	rpm	7200	7600	7600	7800
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5.额定负载扭矩 Nominal torque	mNm	6510	200	202	221
6.额定负载转速 Nominal speed	rpm	142	6920	6900	7000
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10.堵转扭矩 Stall torque	mNm	1568	2254	2254	2352
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12.转矩常数 Torque constant	mNm/Amp	14.8	27.1	40.9	54.6
13.电动势常数 E-force constant	mV/rda/sec	14.8	27.1	40.9	54.6
14.极对数 Number of pole-pairs	1				
15.相位数 Number of phase	13				

◆ 尺寸图Dimension figure



◆ 曲线图 Graph



减速箱配套，我们推出直径12-45MM机加工传动型和精密级的多速比选择，应用与无刷电机和有刷电机组合，适用于各种医疗，自动化工业的需求。

For gearboxes, we have introduced a 12-45MM diameter machined transmission type and precision multi-speed ratio options, which are used in combination with brushless motors and brushed motors, which are suitable for various medical and automation industries.



机械手
Manipulator



机械手
Manipulator



骨钻
bone drill



闸机
Gate machine

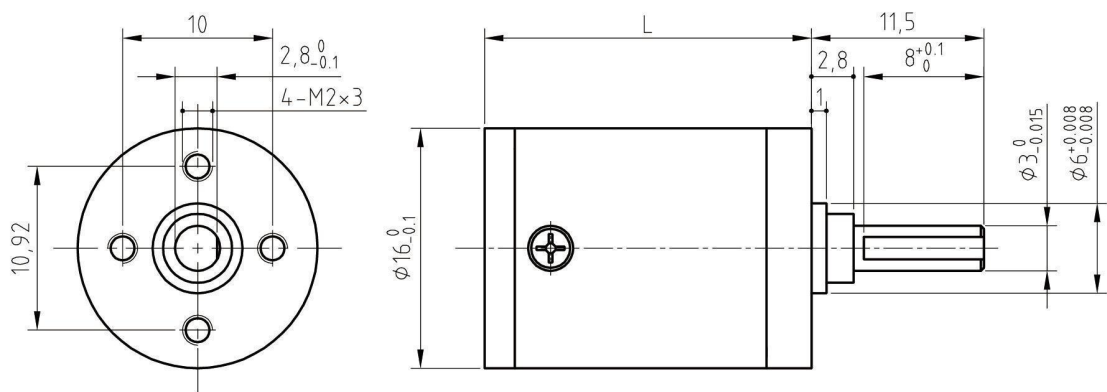


5G 传动系统
5G drive system



机器人
Robot

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料 Gearwhddl material	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤10 Kgf
轴向负载 shaft axial load	≤4 Kgf
径向间隙 Radial play of shaft	≤0.04mm
轴向间隙 Thrust play of shaft	≤0.4mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤20000rpm

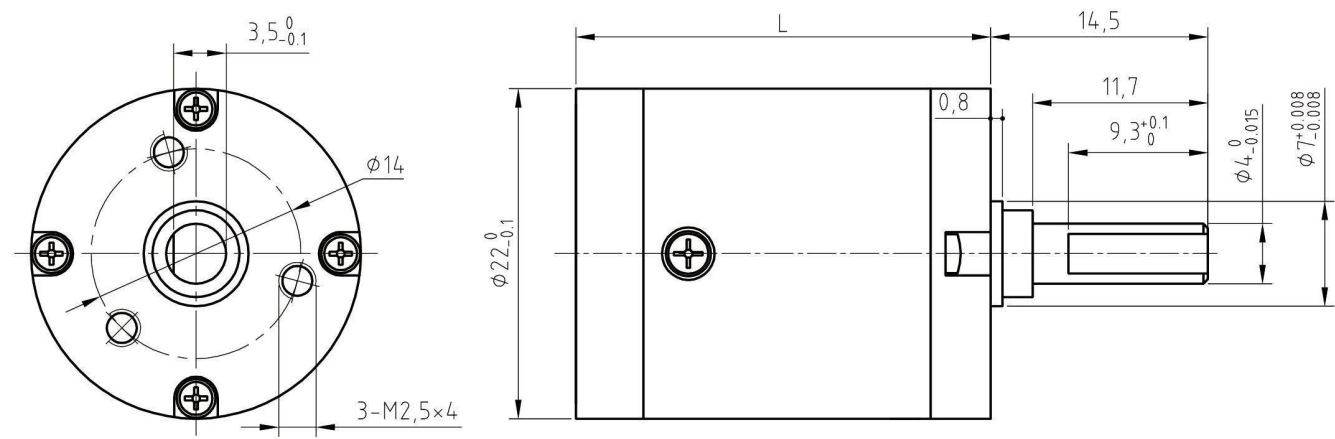
● 标准减速比型式 Gearboxes Specifications

减速比 (部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙 (无负载时) Backlash, at no-load
3.75, 4.4, 5.4, 6.5	4.2Kgf-cm	12.6Kgf-cm	90%	17.9	≤ 5arcmin
14.1, 16.4, 19.2, 20.3, 23.7, 24.4, 28.5, 29.2, 35.1, 42.3	6.0Kgf-cm	18.0Kgf-cm	81%	21.8	≤10arcmin
52.7, 61.7, 72.1, 84.3, 91.4, 103.8, 109.4, 125, 131.6, 154, 185.3, 228.15, 274.6	7.5Kgf-cm	22.5Kgf-cm	72%	25.7	≤15arcmin
197.8, 231.2, 284.8, 316.1, 333, 342.7, 389.3, 400.8, 455.2, 479.5, 493.6, 547.9, 594.1, 674.8, 710.8, 812.3, 855.6, 1000, 1029.8, 1204, 1483, 1785	9.0Kgf-cm	27Kgf-cm	65%	29.6	≤20arcmin
741.5, 867, 1013, 1067.9, 1185, 1248.6, 1386, 1502.9, 1620, 1707, 1757, 1851, 1996, 2055, 2164, 2402, 2458, 2530, 2959, 3027, 3644, 3728, 4488, 4592, 5527, 6653, 8008, 9639, 11602	9.0Kgf-cm	27Kgf-cm	60%	33.5	≤25arcmin

表中*指速比数值。 *-Reduction ratio
①—— 根据受力，行星轮可选用塑料。 Planet gears can be plastic according to torque.

精密型行星齿轮箱 PLANETARY GEAR HEAD 22P

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料 Gearwhddl material	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤10 Kgf
轴向负载 shaft axial load	≤5 Kgf
径向间隙 Radial play of shaft	≤0.04mm
轴向间隙 Thrust play of shaft	≤0.4mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤20000rpm

● 标准减速比型式 Gearboxes Specifications

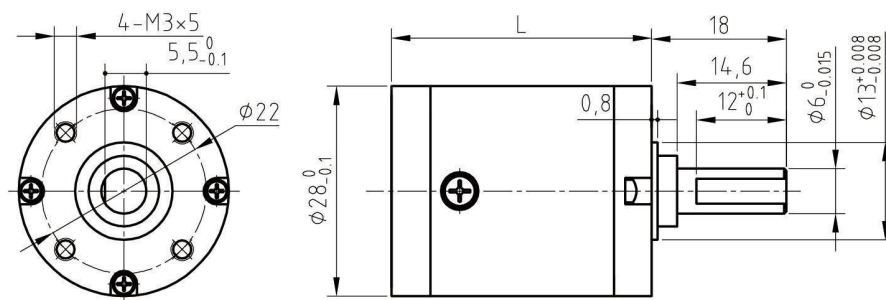
减速比(部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙(无负载时) Backlash,at no-load
3.75, 4.4, 5.4, 6.5	7.2Kgf-cm	21.6Kgf-cm	90%	22.6	≤ 5arcmin
14.1, 16.4, 19.2, 20.3, 23.7, 24.4,28.5, 29.2, 35.1, 42.3	9.6Kgf-cm	28.8Kgf-cm	81%	27.6	≤10arcmin
52.7, 61.7, 72.1, 84.3, 91.4, 103.8, 109.4, 125, 131.6, 154, 185.3, 228.15, 274.6	12Kgf-cm	36Kgf-cm	72%	32.7	≤15arcmin
197.8, 231.2, 284.8, 316.1, 333, 342.7, 389.3, 400.8, 455.2, 479.5, 493.6, 547.9 594.1, 674.8, 710.8, 812.3 855.6,1000, 1029.8, 1204 1483, 1785	14.5Kgf-cm	43.5Kgf-cm	65%	37.7	≤20arcmin
741.5, 867, 1013, 1067.9,1185 1248.6, 1386, 1502.9, 1620 1707, 1757, 1851, 1996,2055 2164, 2402, 2458,2530,2959 3027, 3644, 3728 ,4488,4592 5527, 6653, 8008, 9639,11602	14.5Kgf-cm	43.5Kgf-cm	60%	42.8	≤25arcmin

表中*指速比数值。 *—Reduction ratio

①—— 根据受力，行星轮可选用塑料。 Planet gears can be plasticaccording to torque.

精密型行星齿轮箱 PLANETARY GEAR HEAD 28P

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料 Gearwheel material	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤ 10 Kgf
轴向负载 shaft axial load	≤ 6 Kgf
径向间隙 Radial play of shaft	≤ 0.04 mm
轴向间隙 Thrust play of shaft	≤ 0.4 mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤ 18000 rpm

● 标准减速比型式 Gearboxes Specifications

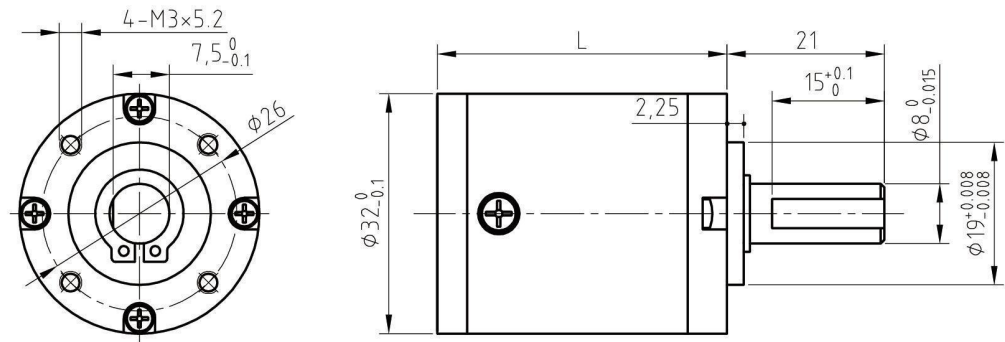
减速比(部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙(无负载时) Backlash, at no-load
4.4, 5.25, 6.7, 8.3	15.5Kgf-cm	46.5Kgf-cm	90%	28.4	≤ 5 arcmin
15.1, 16.9, 18, 19.4, 20.1, 23.1 25.6, 27.6, 29.3, 31.8, 35, 36.5 43.5, 55.2, 68.7	21Kgf-cm	63Kgf-cm	81%	34.7	≤ 10 arcmin
61.7, 77.1, 87.6, 100.6, 109, 120 125, 129, 134.1, 139.8, 144.7, 149.1, 154, 160.4, 166.8, 183.8 191.4, 211.7, 228.4, 233.3, 243 264.5, 290, 296.3, 368.2	26Kgf-cm	78Kgf-cm	72%	41	≤ 15 arcmin
335.9, 344.8, 373.4, 375.5 385.5, 411.4, 417.4, 428.5, 431 447.2, 460, 466.7, 479.2, 494.8 511.3, 528, 535.7, 567.9, 571.7 590.3, 630, 639.2, 656.2, 677.6 705.8, 733.7, 749.6, 759.7, 800 811.7, 833.3, 842.1, 860.4, 894.4 931.7, 964.7, 994.3, 1005, 1027 1036, 1069, 1112, 1136, 1158, 1199 1236, 1276, 1304, 1329, 1382, 1523 1556, 1586, 1755, 1892, 1933, 1975 2014, 2403, 2455, 3051, 3792, 4713	31Kgf-cm	93Kgf-cm	65%	47.3	≤ 20 arcmin

表中*指速比数值。 *—Reduction ratio

①——根据受力，行星轮可选用塑料。 Planet gears can be plastic according to torque.

精密型行星齿轮箱 PLANETARY GEAR HEAD 32P

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤20 Kgf
轴向负载 shaft axial load	≤12 Kgf
径向间隙 Radial play of shaft	≤0.04mm
轴向间隙 Thrust play of shaft	≤0.4mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤15000rpm

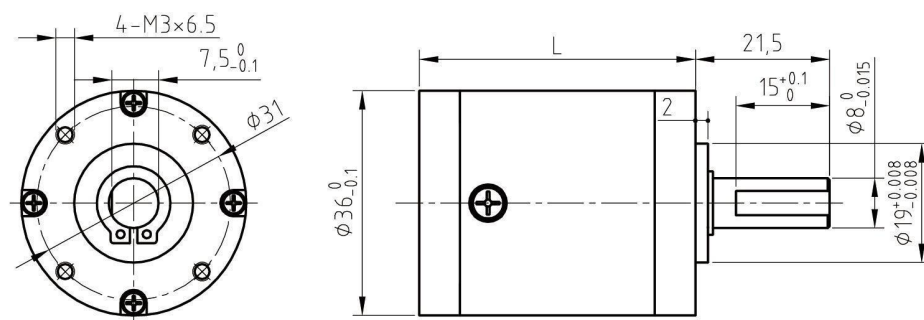
● 标准减速比型式 Gearboxes Specifications

减速比 (部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙 (无负载时) Backlash, at no-load
4.4, 5.25, 6.7, 8.3	23.4Kgf-cm	70.2Kgf-cm	90%	31.2	≤ 5arcmin
15.1, 16.9, 18, 19.4, 20.1, 23.1 25.6, 27.6, 29.3, 31.8, 35, 36.5 43.5, 55.2, 68.7	31.0Kgf-cm	93.0Kgf-cm	81%	38.7	≤ 10arcmin
61.7, 77.1, 87.6, 100.6, 109, 120 125, 129, 134.1, 139.8, 144.7, 149.1, 154, 160.4, 166.8, 183.8 191.4, 211.7, 228.4, 233.3, 243 264.5, 290, 368.2, 457.7, 568.8	38.8Kgf-cm	116.4Kgf-cm	72%	46.2	≤ 15arcmin
335.9, 344.8, 373.4, 375.5 385.5, 411.4, 417.4, 428.5, 431 447.2, 460, 466.7, 479.2, 494.8 511.3, 528, 535.7, 567.9, 571.7 590.3, 630, 639.2, 656.2, 677.6 705.8, 733.7, 749.6, 759.7, 800 811.7, 833.3, 842.1, 860.4, 894.4 931.7, 964.7, 994.3, 1005, 1027 1036, 1069, 1112, 1136, 1158, 1199 1236, 1276, 1304, 1329, 1382, 1523 1556, 1586, 1755, 1892, 1933, 1975 2014, 2403, 2455, 3051, 3792, 4713	46.5Kgf-cm	139.5Kgf-cm	65%	53.7	≤ 20arcmin

① —— 根据受力，行星轮可选用塑料。 Planet gears can be plastic according to torque.

精密型行星齿轮箱 PLANETARY GEAR HEAD 36P

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料 Gearwheel material	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤20 Kgf
轴向负载 shaft axial load	≤12 Kgf
径向间隙 Radial play of shaft	≤0.04mm
轴向间隙 Thrust play of shaft	≤0.4mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤15000rpm

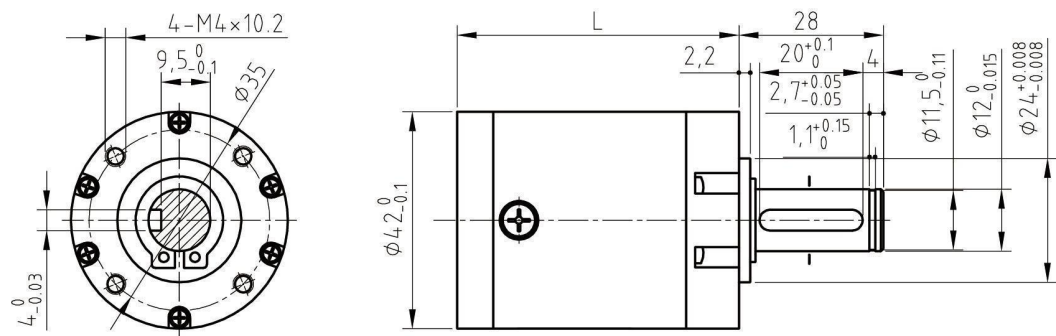
● 标准减速比型式 Gearboxes Specifications

减速比(部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙(无负载时) Backlash, at no-load
4.3, 5.1, 6.3, 7.6	32.4Kgf-cm	97.2Kgf-cm	90%	35.6	≤ 5arcmin
14.7, 16.3, 17.3, 18.6, 19.2, 21.9 23.9, 25.8, 27.2, 28.9, 32, 32.9 38.7, 39.7, 48, 58.1	43.2Kgf-cm	129.6Kgf-cm	81%	44.2	≤10arcmin
65.6, 74.6, 81.4, 90.5, 92.6, 98.5 109, 112.1, 117.2, 124.6, 132, 138 141.8, 146.7, 150.4, 162.4, 166.9 171.2, 182, 196.5, 201.5, 207.1 220.3, 243.9, 250.7, 295.2, 302.6 366.2, 443.2	54.0Kgf-cm	162Kgf-cm	72%	52.8	≤15arcmin
277.4, 315.8, 335.8, 342.8, 351 373.3, 382.2, 399.4, 413.2, 424.8 450, 459.3, 472.2, 483.4, 500.1 512.7, 537.4, 555.9, 569.1, 583.5 611.5, 620.6, 632.6, 648, 670 686.9, 706.2, 719.9, 744.7, 751.1 763.6, 785, 824.4, 831.4, 847.6 854.7, 869, 893.4, 924.2, 950.1 997.8, 1006, 1023, 1052, 1078 1081, 1119, 1147, 1238, 1269, 1272 1305, 1388, 1499, 1536, 1580, 1680 1860, 1907, 2251, 2307, 2793, 3380	64.8Kgf-cm	194.4Kgf-cm	65%	61.4	≤20arcmin

①—— 根据受力，行星轮可选用塑料。 Planet gears can be plastic according to torque.

精密型行星齿轮箱 PLANETARY GEAR HEAD 42P

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料 Gearxheel material	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤25 Kgf
轴向负载 shaft axial load	≤15 Kgf
径向间隙 Radial play of shaft	≤0.04mm
轴向间隙 Thrust play of shaft	≤0.4mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤12000rpm

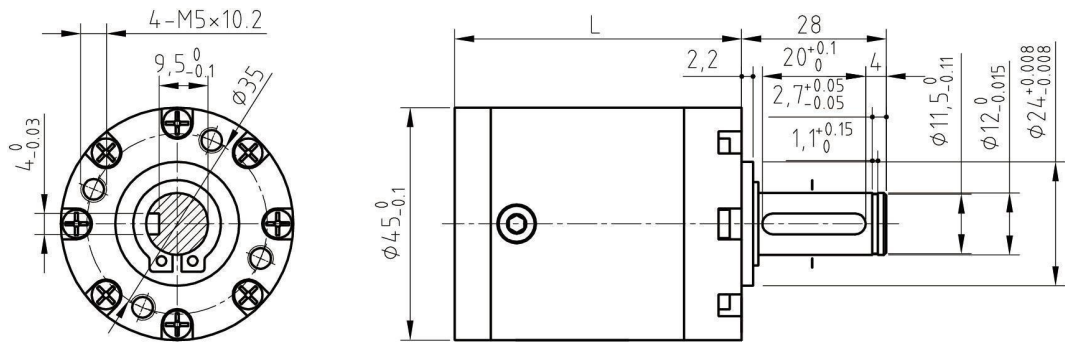
● 标准减速比型式 Gearboxes Specifications

减速比(部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙(无负载时) Backlash,at no-load
4.3, 5.1, 6.3, 7.6	65Kgf-cm	195Kgf-cm	90%	44.8	≤ 5arcmin
14.7, 16.3, 17.3, 18.6, 19.2, 21.9 23.9, 25.8, 27.2, 28.9, 32, 32.9 38.7, 39.7, 48, 58.1	86Kgf-cm	258Kgf-cm	81%	55.6	≤10arcmin
65.6, 74.6, 81.4, 90.5, 92.6, 98.5 109, 112.1, 117.2, 124.6, 132, 138 141.8, 146.7, 150.4, 162.4, 166.9 171.2, 182, 196.5, 201.5, 207.1 220.3, 243.9, 250.7,295.2, 302.6 366.2, 443.2	108Kgf-cm	324Kgf-cm	72%	66.4	≤15arcmin
277.4, 315.8, 335.8, 342.8, 351 373.3, 382.2, 399.4, 413.2, 424.8 450, 459.3, 472.2, 483.4, 500.1 512.7, 537.4, 555.9, 569.1, 583.5 611.5, 620.6, 632.6, 648, 670 686.9, 706.2, 719.9, 744.7, 751.1 763.6, 785, 824.4, 831.4, 847.6 854.7, 869, 893.4, 924.2, 950.1 997.8, 1006, 1023, 1052, 1078 1081, 1119, 1147, 1238, 1269, 1272 1305, 1388, 1499, 1536,1580, 1680 1860,1907,2251,2307,2793,3380	130Kgf-cm	390Kgf-cm	65%	77.2	≤20arcmin

①—— 根据受力，行星轮可选用塑料。 Planet gears can be plastic according to torque.

精密型行星齿轮箱 PLANETARY GEAR HEAD 45P

● 外形尺寸 APPEARANCE SIZE



外壳材料 Housing material	金属 steel
齿轮材料 Gearwheel material	金属 steel ①
输出轴承型式 Bearing at output	滚动轴承 Ball bearings
径向负载 Radial load (10mm from flange)	≤25 Kgf
轴向负载 shaft axial load	≤15 Kgf
径向间隙 Radial play of shaft	≤0.04mm
轴向间隙 Thrust play of shaft	≤0.4mm
连续运行时最高允许输入转速 Max permissible input speed at continuous working	≤12000rpm

● 标准减速比型式 Gearboxes Specifications

减速比 (部分) Reduction ratio (part)	额定允许负载 rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效率 Efficiency	L (mm)	背隙 (无负载时) Backlash, at no-load
4.3, 5.1, 6.3, 7.6	65Kgf-cm	195Kgf-cm	90%	44.8	≤ 5arcmin
14.7, 16.3, 17.3, 18.6, 19.2, 21.9 23.9, 25.8, 27.2, 28.9, 32, 32.9 38.7, 39.7, 48, 58.1	86Kgf-cm	258Kgf-cm	81%	55.6	≤10arcmin
65.6, 74.6, 81.4, 90.5, 92.6, 98.5 109, 112.1, 117.2, 124.6, 132, 138 141.8, 146.7, 150.4, 162.4, 166.9 171.2, 182, 196.5, 201.5, 207.1 220.3, 243.9, 250.7, 295.2, 302.6 366.2, 443.2	108Kgf-cm	324Kgf-cm	72%	66.4	≤15arcmin
277.4, 315.8, 335.8, 342.8, 351 373.3, 382.2, 399.4, 413.2, 424.8 450, 459.3, 472.2, 483.4, 500.1 512.7, 537.4, 555.9, 569.1, 583.5 611.5, 620.6, 632.6, 648, 670 686.9, 706.2, 719.9, 744.7, 751.1 763.6, 785, 824.4, 831.4, 847.6 854.7, 869, 893.4, 924.2, 950.1 997.8, 1006, 1023, 1052, 1078 1081, 1119, 1147, 1238, 1269, 1272 1305, 1388, 1499, 1536, 1580, 1680 1860, 1907, 2251, 2307, 2793, 3380	130Kgf-cm	390Kgf-cm	65%	77.2	≤20arcmin

① —— 根据受力，行星轮可选用塑料。 Planet gears can be plastic according to torque.

仅部分产品，非定制类产品。
Only some products, non-custom products.





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