



Brushed DC Motors – Iron Core Motors

Brushed DC Motors – Iron Core Motors

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C1215F

12mm DC core motor



<https://www.kocomotion.de/produkt/c1215f/>



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C1215F13-0086

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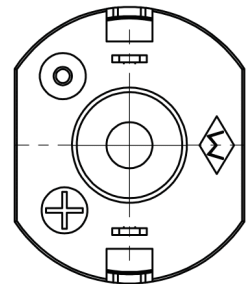
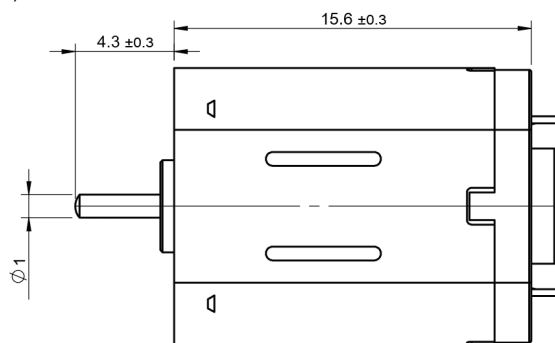
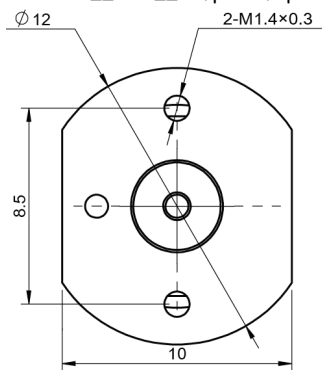
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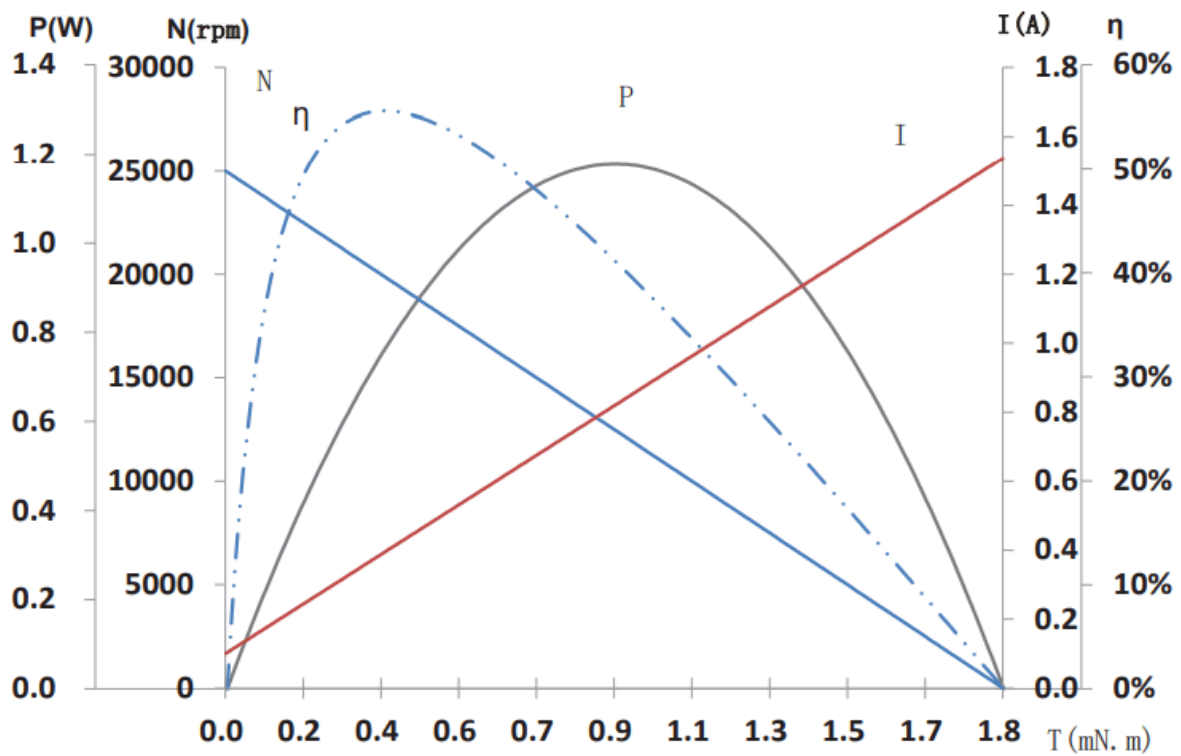
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C1215F13-0260

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include __DIR__ . "/parts/spacer.php";





C1215F13-0086

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1215f13-0086/>



Specification	
Voltage	3.5 V
Terminal resistance	1.7 Ω
No-load speed	25000 rpm
No-load current	100 mA
Stall torque	1.80 mNm
Stall current	1506 mA
Load torque	0.294 mNm
Load speed	20910 rpm
Load current	330 mA
Max. output power	1.18 W
Max. efficiency	56.5 %
Back-EMF constant	0.13 mV/rpm
Torque constant	1.28 mNm/A
Speed/torque gradient	13912 rpm/mNm
Varistor	Yes Yes/No
Weight	5.4 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1215F13-0141

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1215f13-0141/>



Specification	
Voltage	1.5 V
Terminal resistance	1.2 Ω
No-load speed	11500 rpm
No-load current	110 mA
Stall torque	1.10 mNm
Stall current	1030 mA
Load torque	0.294 mNm
Load speed	8500 rpm
Load current	350 mA
Max. output power	0.33 W
Max. efficiency	48.8 %
Back-EMF constant	0.12 mV/rpm
Torque constant	1.20 mNm/A
Speed/torque gradient	10455 rpm/mNm
Varistor	Yes Yes/No
Weight	5.4 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1215F13-0260

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1215f13-0260/>



Specification	
Voltage	3.0 V
Terminal resistance	10.8 Ω
No-load speed	9600 rpm
No-load current	40 mA
Stall torque	0.70 mNm
Stall current	274 mA
Load torque	0.294 mNm
Load speed	5500 rpm
Load current	140 mA
Max. output power	0.18 W
Max. efficiency	44.8 %
Back-EMF constant	0.27 mV/rpm
Torque constant	2.99 mNm/A
Speed/torque gradient	13714 rpm/mNm
Varistor	Yes Yes/No
Weight	5.1 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1220F

1220 micro DC core motor



<https://www.kocomotion.de/produkt/c1220f/>



Produkte:

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C1220F35-0083

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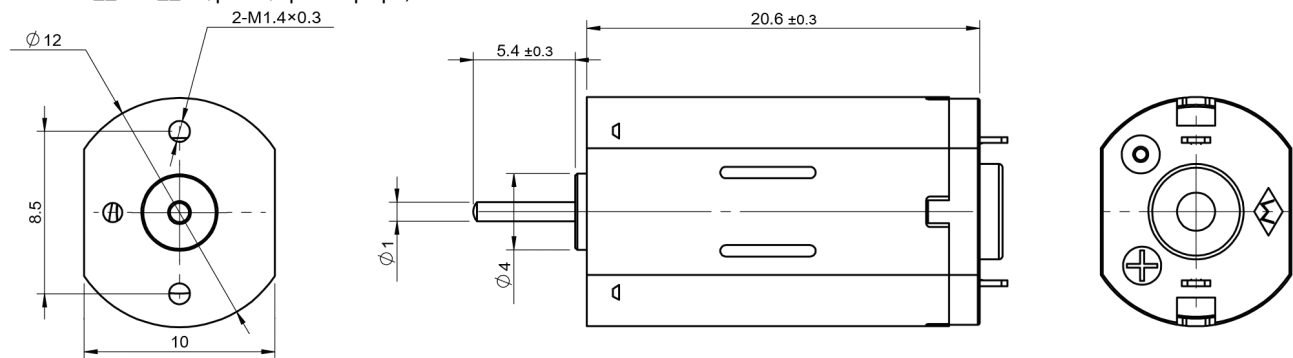
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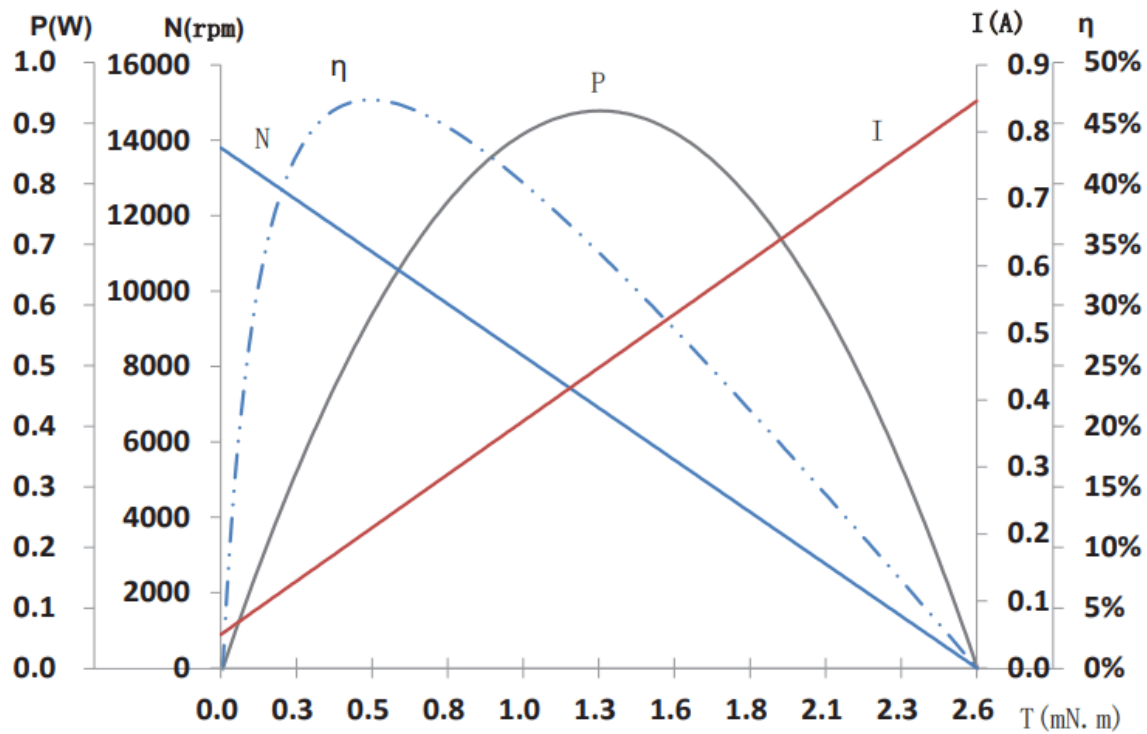
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C1220F35-0158

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C1220F35-0083

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1220f35-0083/>



Specification	
Voltage	6.0 V
Terminal resistance	7.4 Ω
No-load speed	13800 rpm
No-load current	50 mA
Stall torque	2.60 mNm
Stall current	846 mA
Load torque	0.294 mNm
Load speed	12240 rpm
Load current	140 mA
Max. output power	0.94 W
Max. efficiency	48.0 %
Back-EMF constant	0.41 mV/rpm
Torque constant	3.27 mNm/A
Speed/torque gradient	5306 rpm/mNm
Varistor	Yes Yes/No
Weight	7.9 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1220F35-0103

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1220f35-0103/>



Specification	
Voltage	5.0 V
Terminal resistance	2.5 Ω
No-load speed	18500 rpm
No-load current	70 mA
Stall torque	3.60 mNm
Stall current	2043 mA
Load torque	0.294 mNm
Load speed	17000 rpm
Load current	230 mA
Max. output power	1.75 W
Max. efficiency	48.7 %
Back-EMF constant	0.26 mV/rpm
Torque constant	1.82 mNm/A
Speed/torque gradient	5139 rpm/mNm
Varistor	Yes Yes/No
Weight	7.8 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1220F35-0158

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1220f35-0158/>



Specification	
Voltage	4.5 V
Terminal resistance	10 Ω
No-load speed	9500 rpm
No-load current	45 mA
Stall torque	1.70 mNm
Stall current	693 mA
Load torque	0.196 mNm
Load speed	8400 rpm
Load current	120 mA
Max. output power	0.42 W
Max. efficiency	34.5 %
Back-EMF constant	0.43 mV/rpm
Torque constant	2.62 mNm/A
Speed/torque gradient	5588 rpm/mNm
Varistor	Yes Yes/No
Weight	7.8 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1627F

16mm 6V DC core motor



<https://www.kocomotion.de/produkt/c1627f/>

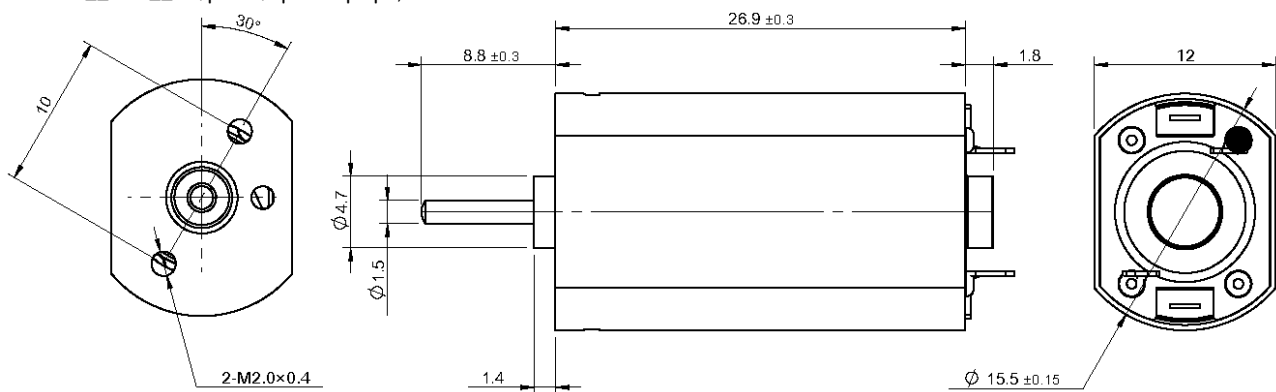


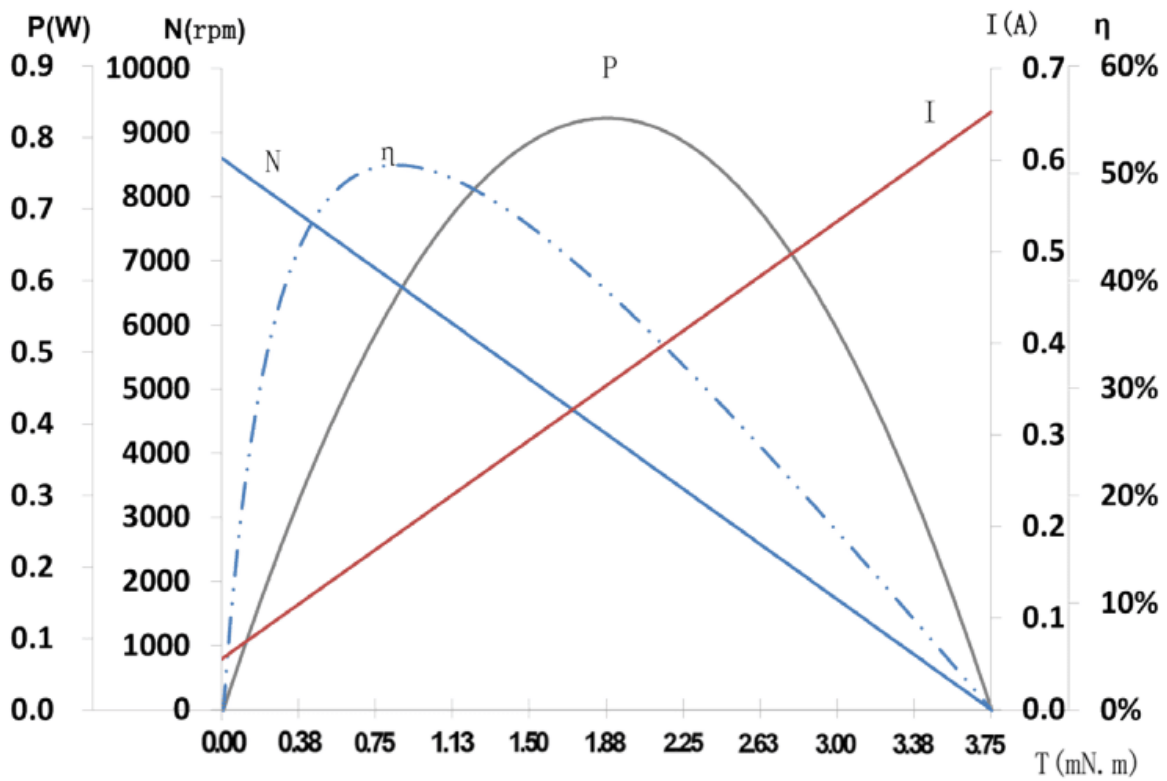
Produkte:

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include __DIR__ . "/parts/spacer.php";





C1627F34AH-0055

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1627f34ah-0055/>



Specification	
Voltage	6.0 V
Terminal resistance	8.8 Ω
No-load speed	8600 rpm
No-load current	55 mA
Stall torque	3.75 mNm
Stall current	652 mA
Load torque	0.79 mNm
Load speed	6800 rpm
Load current	180 mA
Max. output power	0.85 W
Max. efficiency	51.9 %
Back-EMF constant	0.64 mV/rpm
Torque constant	6.28 mNm/A
Speed/torque gradient	2293 rpm/mNm
Varistor	Yes Yes/No
Weight	16.7 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1627F34AH-0063

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1627f34ah-0063/>



Specification	
Voltage	12.0 V
Terminal resistance	49 Ω
No-load speed	8000 rpm
No-load current	20 mA
Stall torque	3.43 mNm
Stall current	233 mA
Load torque	0.59 mNm
Load speed	6500 rpm
Load current	60 mA
Max. output power	0.72 W
Max. efficiency	61.5 %
Back-EMF constant	1.38 mV/rpm
Torque constant	16.08 mNm/A
Speed/torque gradient	2332 rpm/mNm
Varistor	Yes Yes/No
Weight	16.7 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1627F34AH-0064

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1627f34ah-0064/>



Specification	
Voltage	6.0 V
Terminal resistance	2.4 Ω
No-load speed	20200 rpm
No-load current	100 mA
Stall torque	5.40 mNm
Stall current	2304 mA
Load torque	0.39 mNm
Load speed	19100 rpm
Load current	220 mA
Max. output power	2.86 W
Max. efficiency	56.7 %
Back-EMF constant	0.29 mV/rpm
Torque constant	2.45 mNm/A
Speed/torque gradient	3741 rpm/mNm
Varistor	Yes Yes/No
Weight	16.7 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1628R

16mm 12V DC electric automobile motor



<https://www.kocomotion.de/produkt/c1628r/>



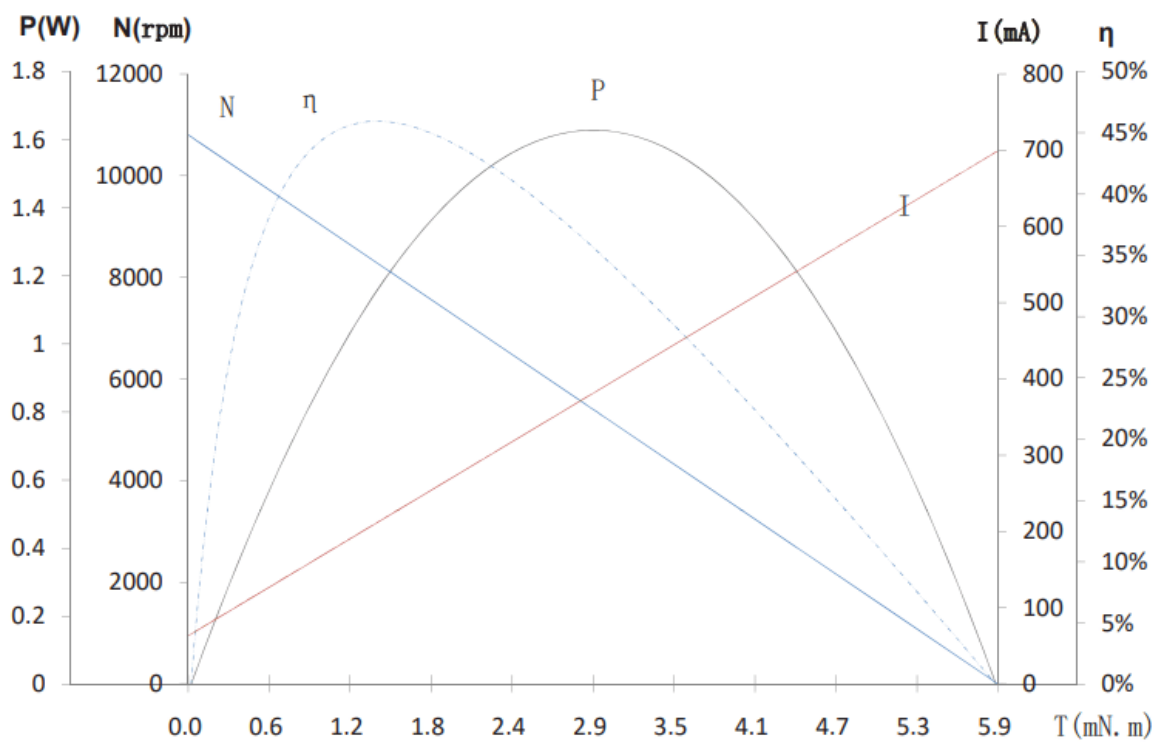
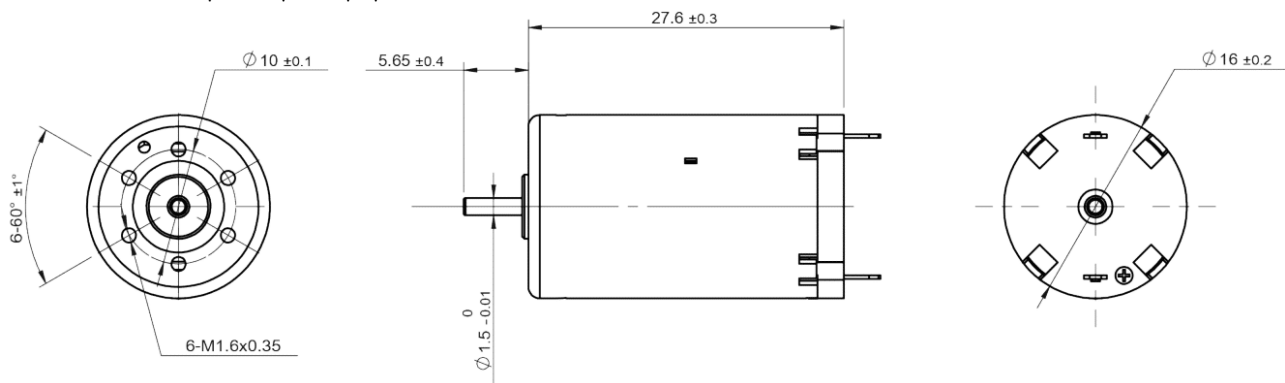
Produkte:

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C1628R31-0108

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C1628R31-0108

Graphite Brush



<https://www.kocomotion.de/produkt/c1628r31-0108/>



Specification	
Voltage	12 V
No-load speed	10800 rpm
No-load current	63 mA
Stall torque	5.9 mNm
Stall current	700 mA
Load torque	1.96 mNm
Load speed	7200 rpm
Load current	275 mA
Max. output power	1.67 W
Max. efficiency	47.1 %
Torque constant	9.26 mNm/A
Speed/torque gradient	1831 rpm/mNm
Varistor	Yes Yes/No
Weight	20.8 g
Operating temperature range	-20~+60 °C

Optionen

- shaft length
- special coils

Anwendungen

- small electronic products
- smart home

C1718R1

17mm DC core motor



<https://www.kocomotion.de/produkt/c1718r1/>



Produkte:

Seite

C1718R114-0025

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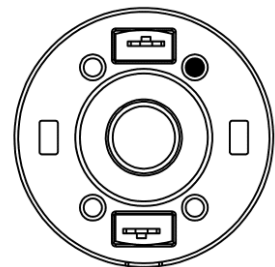
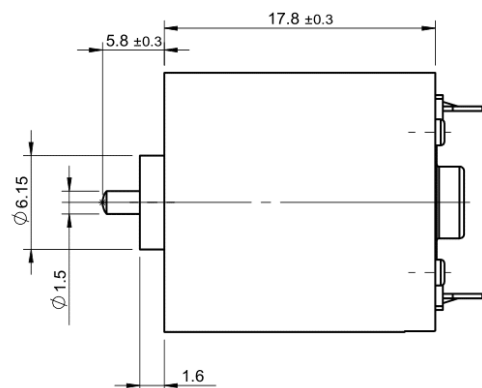
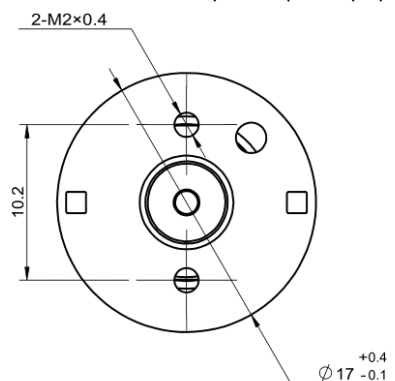
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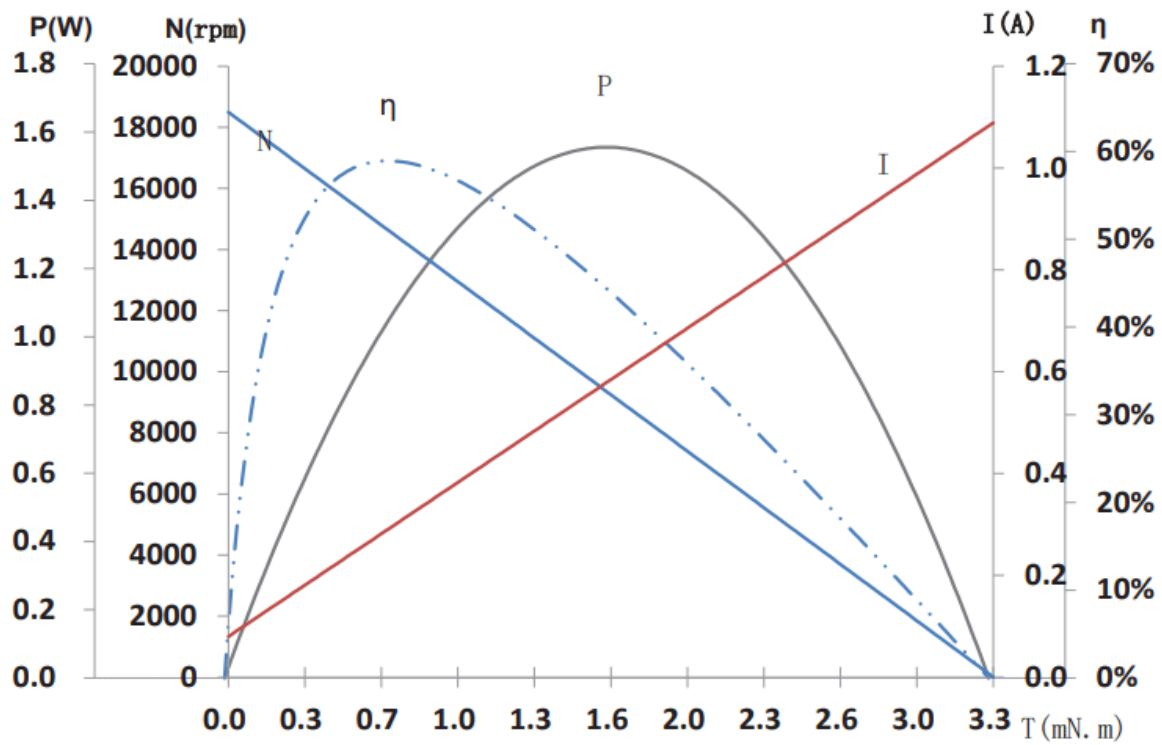
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C1718R114B-0091

25

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C1718R114-0025

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1718r114-0025/>



Specification	
Voltage	6.0 V
Terminal resistance	4.0 Ω
No-load speed	18500 rpm
No-load current	80 mA
Stall torque	3.30 mNm
Stall current	1089 mA
Load torque	0.39 mNm
Load speed	16300 rpm
Load current	200 mA
Max. output power	1.60 W
Max. efficiency	60.6 %
Back-EMF constant	0.31 mV/rpm
Torque constant	3.27 mNm/A
Speed/torque gradient	5612 rpm/mNm
Varistor	Yes Yes/No
Weight	12.6 g
Operating temperature range	-20~+60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1718R134B-0059

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1718r134b-0059/>



Specification	
Voltage	7.4 V
Terminal resistance	3.0 Ω
No-load speed	16000 rpm
No-load current	70 mA
Stall torque	6.53 mNm
Stall current	1670 mA
Load torque	0.49 mNm
Load speed	14800 rpm
Load current	190 mA
Max. output power	2.74 W
Max. efficiency	61.1 %
Back-EMF constant	0.45 mV/rpm
Torque constant	4.08 mNm/A
Speed/torque gradient	2449 rpm/mNm
Varistor	Yes Yes/No
Weight	14.5 g
Operating temperature range	-20~+60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1718R114B-0091

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1718r114b-0091/>



Specification	
Voltage	11 V
Terminal resistance	5.1 Ω
No-load speed	25200 rpm
No-load current	80 mA
Stall torque	5.61 mNm
Stall current	1569 mA
Load torque	0.49 mNm
Load speed	23000 rpm
Load current	210 mA
Max. output power	3.71 W
Max. efficiency	57.2 %
Back-EMF constant	0.42 mV/rpm
Torque constant	3.77 mNm/A
Speed/torque gradient	4490 rpm/mNm
Varistor	Yes Yes/No
Weight	12.8 g
Operating temperature range	-20~+60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1718R2

17mm DC core graphite motor

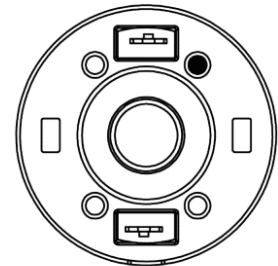
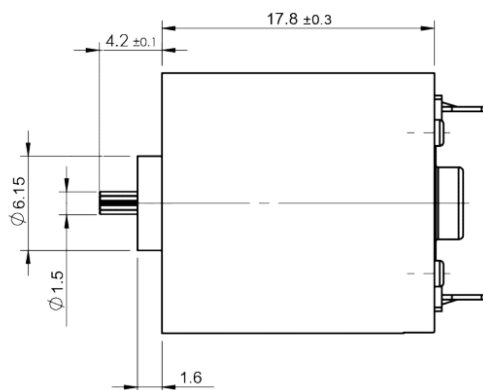
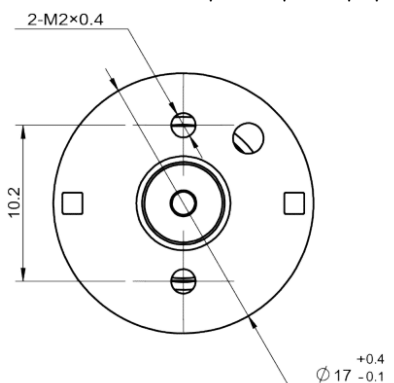


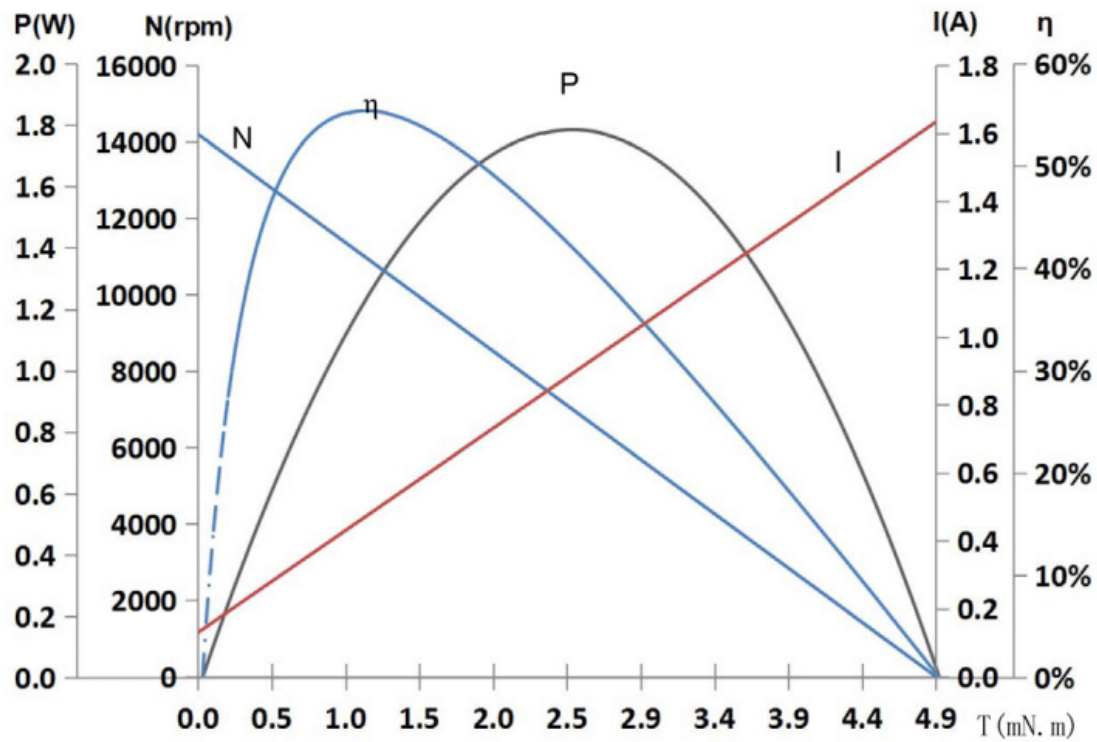
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include __DIR__ . "/parts/spacer.php";





C1718R231B-13120

Graphite Brush



<https://www.kocomotion.de/produkt/c1718r231b-13120/>



Specification	
Voltage	4.8 V
No-load speed	14200 rpm
No-load current	130 mA
Stall torque	4.90 mNm
Stall current	1600 mA
Load torque	0.88 mNm
Load speed	11600 rpm
Load current	400 mA
Max output power	1.82 W
Max efficiency	57.5 %
Torque constant	3.33 mNm/A
Speed/torque gradient	2898 rpm/mNm
Varistor	Yes Yes/No
Weight	12.8 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- small electronic products
- portable electric tools

C1718R231B-0110

Graphite Brush



<https://www.kocomotion.de/produkt/c1718r231b-0110/>



Specification	
Voltage	6.0 V
No-load speed	8300 rpm
No-load current	50 mA
Stall torque	4.30 mNm
Stall current	700 mA
Load torque	0.39 mNm
Load speed	7580 rpm
Load current	110 mA
Max output power	0.94 W
Max efficiency	55.5 %
Torque constant	6.62 mNm/A
Speed/torque gradient	1930 rpm/mNm
Varistor	Yes Yes/No
Weight	12.8 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- small electronic products
- portable electric tools

C1718R231B-0129

Graphite Brush



<https://www.kocomotion.de/produkt/c1718r231b-0129/>



Specification	
Voltage	6.0 V
No-load speed	12700 rpm
No-load current	120 mA
Stall torque	7.35 mNm
Stall current	1900 mA
Load torque	0.49 mNm
Load speed	11900 rpm
Load current	230 mA
Max output power	2.45 W
Max efficiency	54.8 %
Torque constant	4.13 mNm/A
Speed/torque gradient	1728 rpm/mNm
Varistor	Yes Yes/No
Weight	13 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- small electronic products
- portable electric tools

C1723R1

17mm 7.4V DC core motor

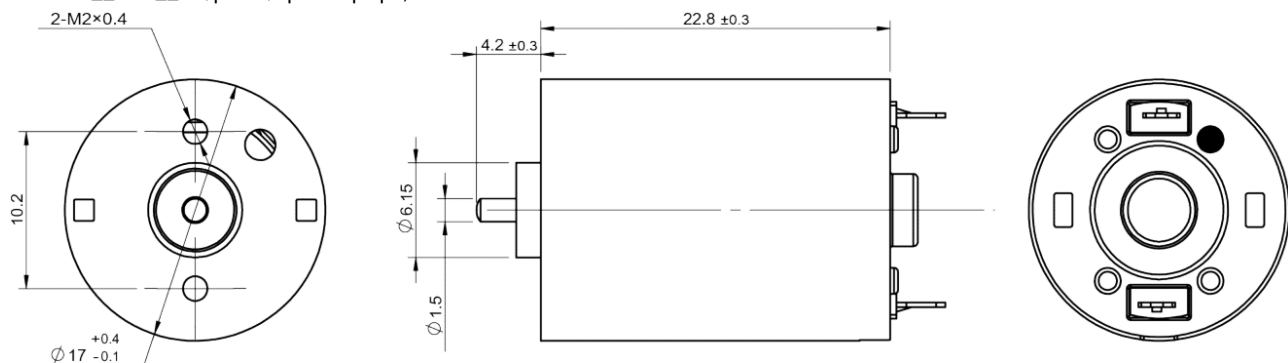


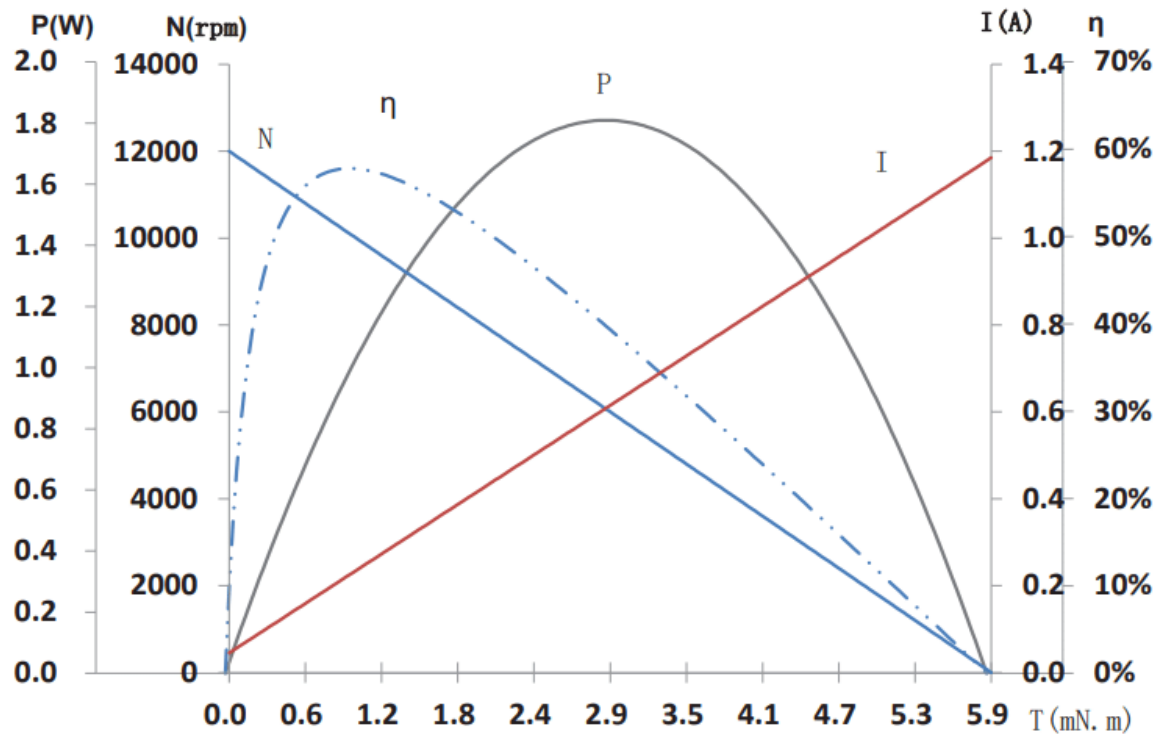
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C1723R114-0096	33
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C1723R114-0096

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1723r114-0096/>



Specification	
Voltage	7.4 V
Terminal resistance	5.0 Ω
No-load speed	12000 rpm
No-load current	45 mA
Stall torque	5.88 mNm
Stall current	1185 mA
Load torque	0.49 mNm
Load speed	11000 rpm
Load current	140 mA
Max. output power	1.85 W
Max. efficiency	59.1 %
Back-EMF constant	0.60 mV/rpm
Torque constant	5.16 mNm/A
Speed/torque gradient	2041 rpm/mNm
Varistor	Yes Yes/No
Weight	18.2 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1723R134-0095

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1723r134-0095/>



Specification	
Voltage	6.0 V
Terminal resistance	1.55 Ω
No-load speed	19400 rpm
No-load current	95 mA
Stall torque	7.57 mNm
Stall current	3102 mA
Load torque	0.39 mNm
Load speed	18400 rpm
Load current	250 mA
Max. output power	3.85 W
Max. efficiency	59.9 %
Back-EMF constant	0.30 mV/rpm
Torque constant	2.52 mNm/A
Speed/torque gradient	2564 rpm/mNm
Varistor	Yes Yes/No
Weight	18.2 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1723R134-0099

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1723r134-0099/>



Specification	
Voltage	6.0 V
Terminal resistance	4.6 Ω
No-load speed	12400 rpm
No-load current	55 mA
Stall torque	4.40 mNm
Stall current	1013 mA
Load torque	0.39 mNm
Load speed	11300 rpm
Load current	140 mA
Max. output power	1.43 W
Max. efficiency	61.8 %
Back-EMF constant	0.46 mV/rpm
Torque constant	4.59 mNm/A
Speed/torque gradient	2821 rpm/mNm
Varistor	Yes Yes/No
Weight	18.2 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1723R2

17mm DC core graphite motor

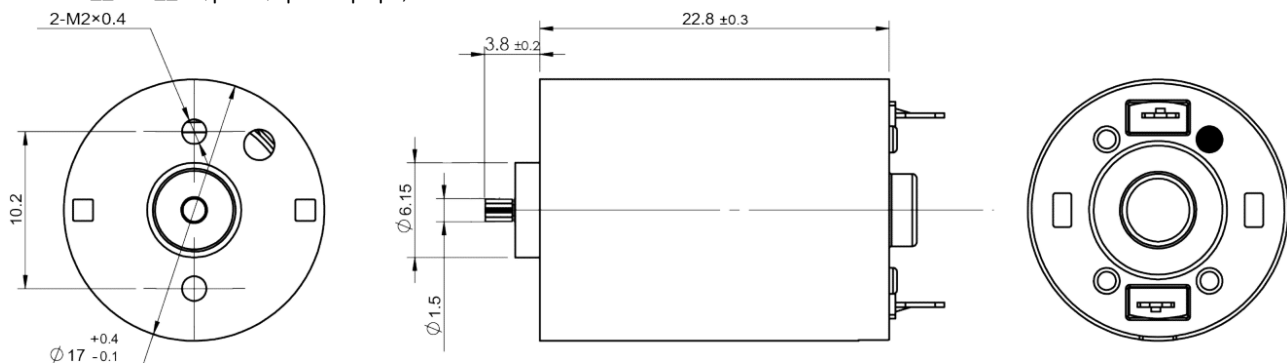


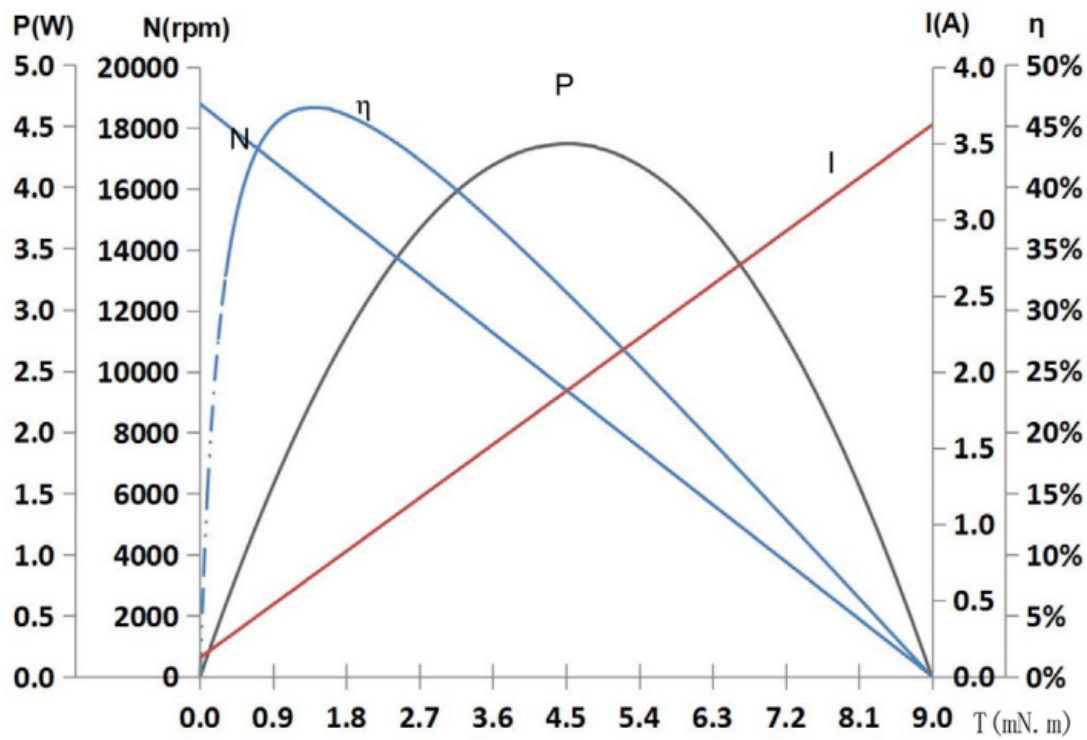
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include __DIR__ . "/parts/spacer.php";





C1723R231B-0114

Graphite Brush



<https://www.kocomotion.de/produkt/c1723r231b-0114/>



Specification	
Voltage	7.4 V
No-load speed	18800 rpm
No-load current	120 mA
Stall torque	9.00 mNm
Stall current	3700 mA
Load torque	0.49 mNm
Load speed	17780 rpm
Load current	310 mA
Max output power	4.43 W
Max efficiency	46.5 %
Torque constant	2.51 mNm/A
Speed/torque gradient	2089 rpm/mNm
Varistor	Yes Yes/No
Weight	18.2 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- small electronic products
- portable electric tools

C1723R231B-0159

Graphite Brush



<https://www.kocomotion.de/produkt/c1723r231b-0159/>



Specification	
Voltage	12 V
No-load speed	18400 rpm
No-load current	80 mA
Stall torque	9.80 mNm
Stall current	1900 mA
Load torque	0.88 mNm
Load speed	16700 rpm
Load current	240 mA
Max output power	4.73 W
Max efficiency	57.1 %
Torque constant	5.38 mNm/A
Speed/torque gradient	1878 rpm/mNm
Varistor	Yes Yes/No
Weight	18.2 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- small electronic products
- portable electric tools

C1723R231B-0165

Graphite Brush



<https://www.kocomotion.de/produkt/c1723r231b-0165/>



Specification	
Voltage	12 V
No-load speed	17200 rpm
No-load current	80 mA
Stall torque	11.77 mNm
Stall current	2700 mA
Load torque	0.49 mNm
Load speed	16500 rpm
Load current	180 mA
Max output power	5.31 W
Max efficiency	47.7 %
Torque constant	4.49 mNm/A
Speed/torque gradient	1461 rpm/mNm
Varistor	Yes Yes/No
Weight	18.2 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- small electronic products
- portable electric tools

C2032F

20mm 6V DC core motor



<https://www.kocomotion.de/produkt/c2032f/>

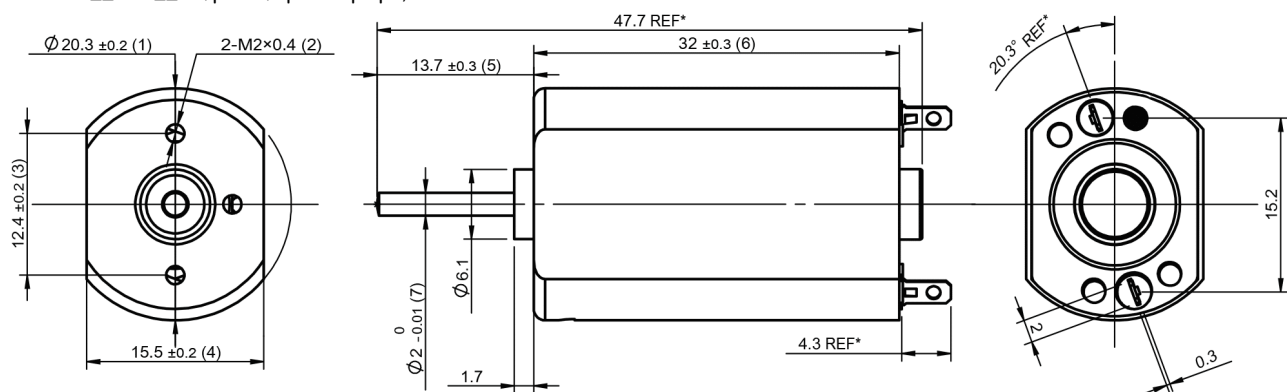


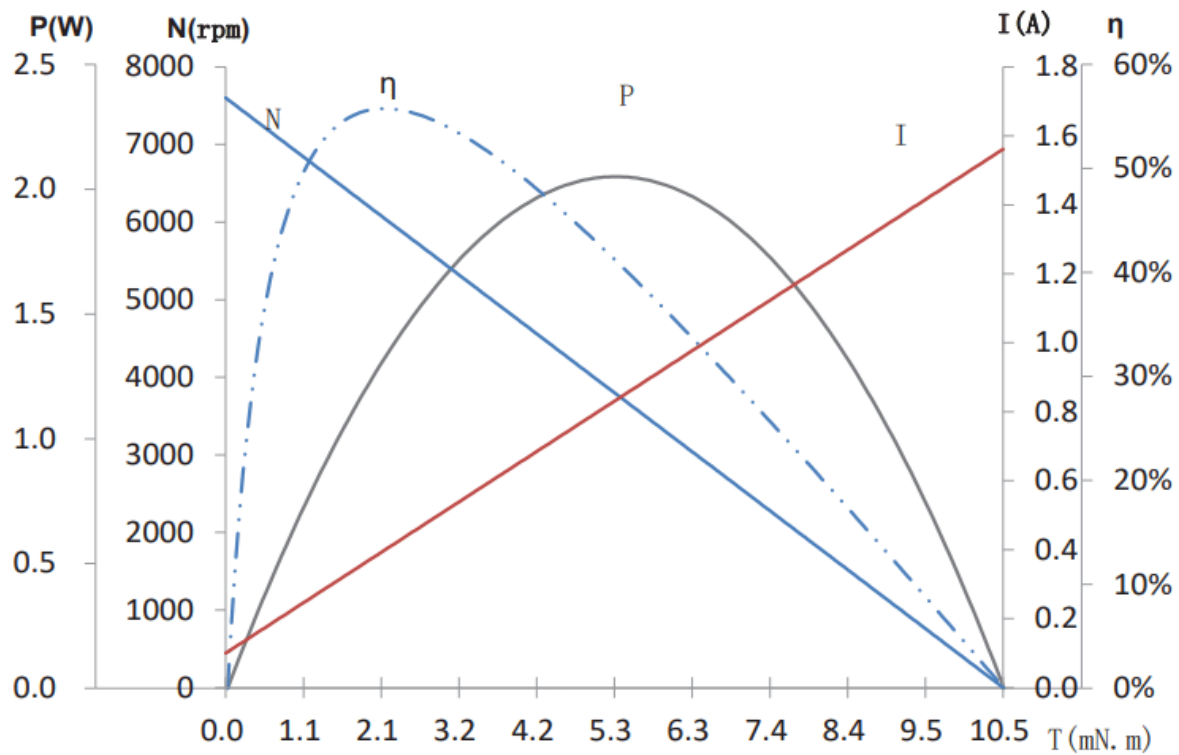
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include __DIR__ . "/parts/spacer.php";





C2032F41-0141

Graphite Brush



<https://www.kocomotion.de/produkt/c2032f41-0141/>



Specification	
Voltage	6.0 V
No-load speed	7400 rpm
No-load current	89 mA
Stall torque	12.1 mNm
Stall current	1576 mA
Load torque	1.80 mNm
Load speed	6300 rpm
Load current	310 mA
Max. output power	2.35 W
Max. efficiency	64.9 %
Torque constant	8.14 mNm/A
Speed/torque gradient	611 rpm/mNm
Varistor	Yes Yes/No
Weight	33 g
Operating temperature range	0~+60 °C

Optionen

- shaft length
- special coils

Anwendungen

- small electronic products
- portable electric tools

C2032F41-0142

Graphite Brush



<https://www.kocomotion.de/produkt/c2032f41-0142/>



Specification	
Voltage	9.0 V
No-load speed	8200 rpm
No-load current	65 mA
Stall torque	12.8 mNm
Stall current	1264 mA
Load torque	2.27 mNm
Load speed	6750 rpm
Load current	277 mA
Max. output power	2.76 W
Max. efficiency	64.5 %
Torque constant	10.71 mNm/A
Speed/torque gradient	639 rpm/mNm
Varistor	Yes Yes/No
Weight	33 g
Operating temperature range	0~+60 °C

Optionen

- shaft length
- special coils

Anwendungen

- small electronic products
- portable electric tools

C2032F41-0159

Graphite Brush



<https://www.kocomotion.de/produkt/c2032f41-0159/>



Specification	
Voltage	12.0 V
No-load speed	8700 rpm
No-load current	57 mA
Stall torque	12.4 mNm
Stall current	1101 mA
Load torque	1.57 mNm
Load speed	7600 rpm
Load current	189 mA
Max. output power	2.83 W
Max. efficiency	56.9 %
Torque constant	11.89 mNm/A
Speed/torque gradient	701 rpm/mNm
Varistor	Yes Yes/No
Weight	33 g
Operating temperature range	0~+60 °C

Optionen

- shaft length
- special coils

Anwendungen

- small electronic products
- portable electric tools

C2430R

24mm DC core motor



<https://www.kocomotion.de/produkt/c2430r/>



Produkte:

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C2430R23-0021

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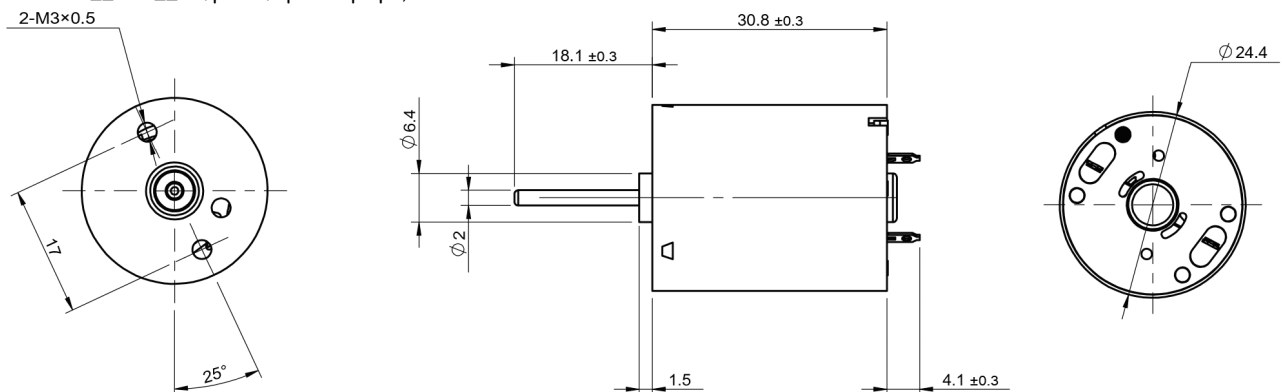
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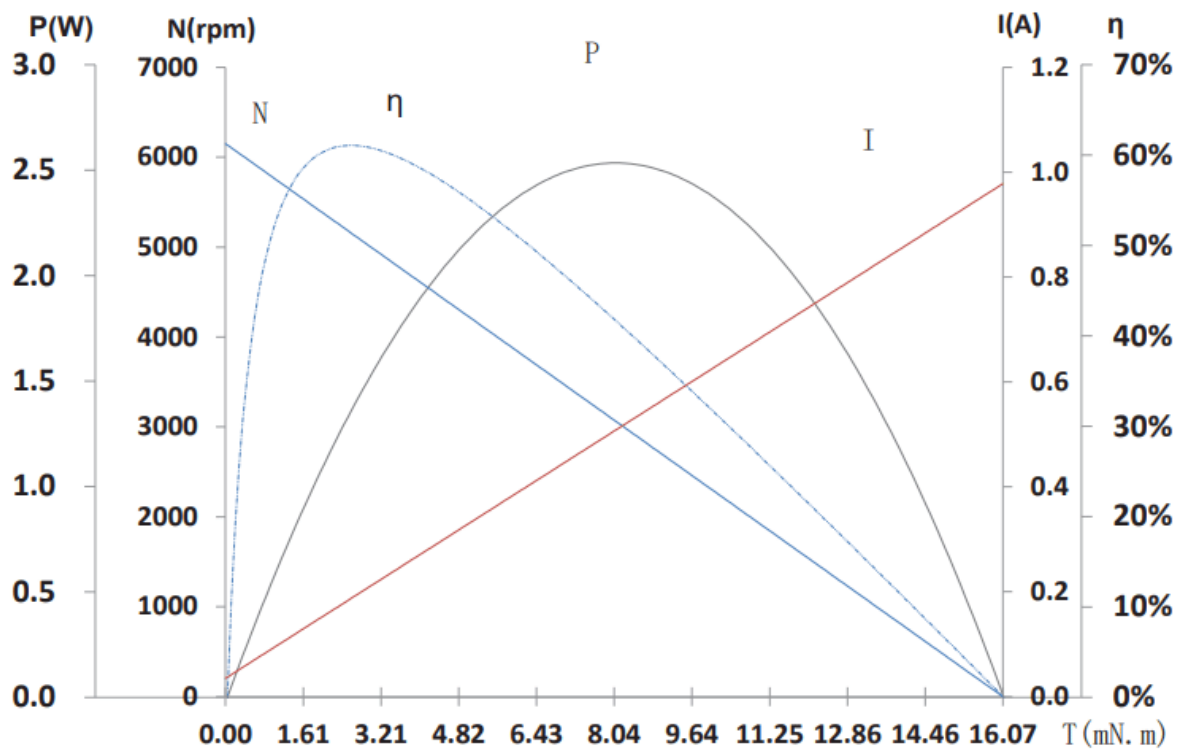
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C2430R44-0039

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include __DIR__ . "/parts/spacer.php";





C2430R23-0021

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c2430r23-0021/>



Specification	
Voltage	24.0 V
Terminal resistance	260 Ω
No-load speed	2500 rpm
No-load current	4 mA
Stall torque	6.53 mNm
Stall current	107 mA
Load torque	1.96 mNm
Load speed	1750 rpm
Load current	35 mA
Max. output power	0.34 W
Max. efficiency	46.7 %
Back-EMF constant	9.18 mV/rpm
Torque constant	63.19 mNm/A
Speed/torque gradient	383 rpm/mNm
Varistor	Yes Yes/No
Weight	48.5 g
Operating temperature range	-20 +80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C2430R43-0010

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c2430r43-0010/>



Specification	
Voltage	12.0 V
Terminal resistance	11.0 Ω
No-load speed	6150 rpm
No-load current	35 mA
Stall torque	16.10 mNm
Stall current	978 mA
Load torque	1.96 mNm
Load speed	5400 rpm
Load current	150 mA
Max. output power	2.59 W
Max. efficiency	62.5 %
Back-EMF constant	1.89 mV/rpm
Torque constant	17.07 mNm/A
Speed/torque gradient	382 rpm/mNm
Varistor	Yes Yes/No
Weight	48.5 g
Operating temperature range	-20 +80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C2430R44-0039

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c2430r44-0039/>



Specification	
Voltage	3.7 V
Terminal resistance	0.8 Ω
No-load speed	6350 rpm
No-load current	130 mA
Stall torque	23.50 mNm
Stall current	4683 mA
Load torque	1.96 mNm
Load speed	5820 rpm
Load current	510 mA
Max. output power	3.91 W
Max. efficiency	66.3 %
Back-EMF constant	0.57 mV/rpm
Torque constant	5.16 mNm/A
Speed/torque gradient	270 rpm/mNm
Varistor	Yes Yes/No
Weight	50.5 g
Operating temperature range	-20 +80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C2838R

28mm DC core motor



<https://www.kocomotion.de/produkt/c2838r/>

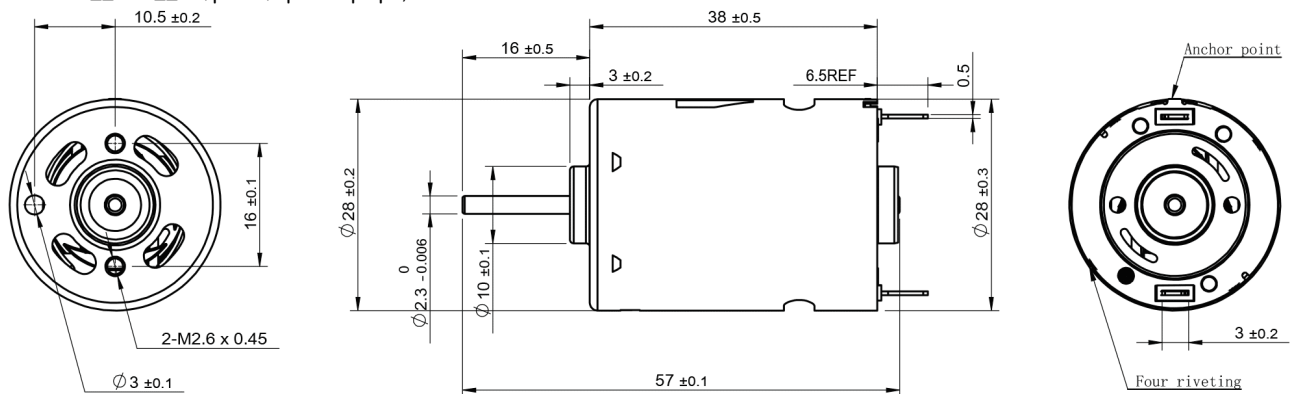


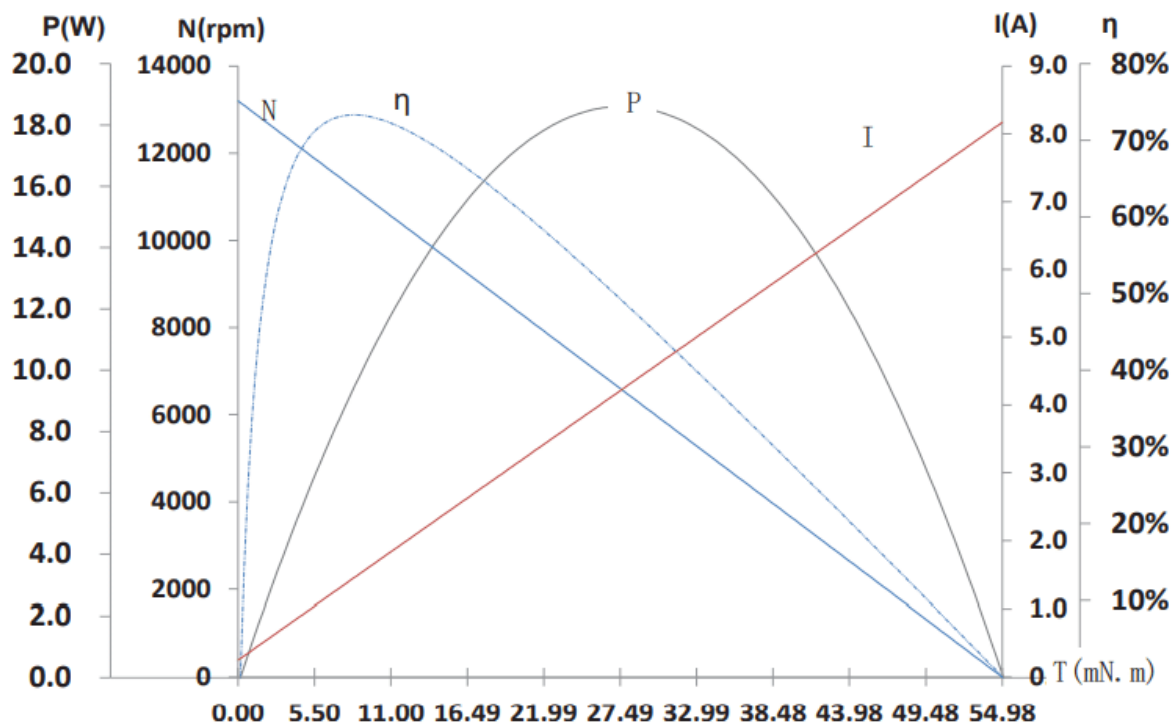
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include __DIR__ . "/parts/spacer.php";





C2838R41-0007

Graphite Brush



<https://www.kocomotion.de/produkt/c2838r41-0007/>



Specification	
Voltage	9.0 V
No-load speed	13200 rpm
No-load current	250 mA
Stall torque	55 mNm
Stall current	8170 mA
Load torque	8.33 mNm
Load speed	11200 rpm
Load current	1450 mA
Max. output power	19.03 W
Max. efficiency	75 %
Torque constant	6.94 mNm/A
Speed/torque gradient	240 rpm/mNm
Varistor	Yes Yes/No
Weight	70 g
Operating temperature range	0 +60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- automotive products
- breast pumps
- electric tools

C2838R41-0010

Graphite Brush



<https://www.kocomotion.de/produkt/c2838r41-0010/>



Specification	
Voltage	7.2 V
No-load speed	15000 rpm
No-load current	450 mA
Stall torque	57.0 mNm
Stall current	13820 mA
Load torque	8.82 mNm
Load speed	12700 rpm
Load current	2500 mA
Max. output power	22.41 W
Max. efficiency	64.6 %
Torque constant	4.26 mNm/A
Speed/torque gradient	263 rpm/mNm
Varistor	NO Yes/No
Weight	70 g
Operating temperature range	0 +60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- automotive products
- breast pumps
- electric tools

C2838R41-0019

Graphite Brush



<https://www.kocomotion.de/produkt/c2838r41-0019/>



Specification	
Voltage	24.0 V
No-load speed	8800 rpm
No-load current	70 mA
Stall torque	60.0 mNm
Stall current	1903 mA
Load torque	8.82 mNm
Load speed	7480 rpm
Load current	345 mA
Max. output power	13.84 W
Max. efficiency	85.3 %
Torque constant	32.73 mNm/A
Speed/torque gradient	147 rpm/mNm
Varistor	NO Yes/No
Weight	70 g
Operating temperature range	0 +60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- automotive products
- breast pumps
- electric tools

C2838R415

28mm DC core motor



<https://www.kocomotion.de/produkt/c2838r415/>



Produkte:

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C2838R415415-0016

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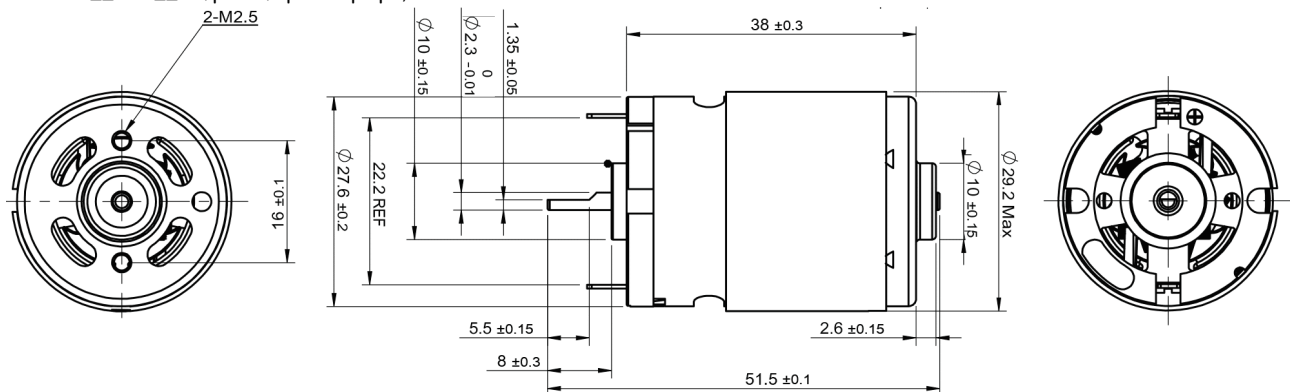
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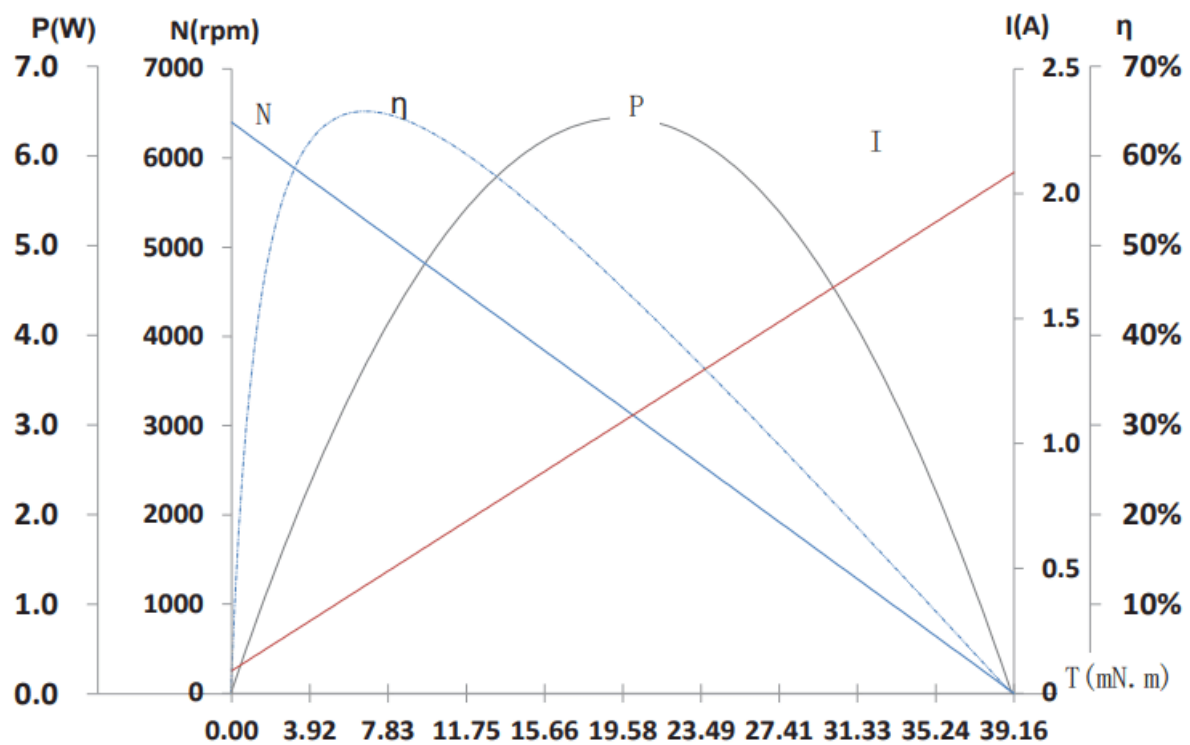
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C2838R415415-0016

Graphite Brush



<https://www.kocomotion.de/produkt/c2838r415415-0016/>



Specification	
Voltage	13.0 V
No-load speed	6400 rpm
No-load current	90 mA
Stall torque	39.2 mNm
Stall current	2086 mA
Load torque	5.69 mNm
Load speed	5470 rpm
Load current	380 mA
Max. output power	6.57 W
Max. efficiency	66.5 %
Torque constant	19.64 mNm/A
Speed/torque gradient	163 rpm/mNm
Varistor	NO Yes/No
Weight	70 g
Operating temperature range	0 +60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- automotive products
- breast pumps
- electric tools

C2838R415415-0055

Graphite Brush



<https://www.kocomotion.de/produkt/c2838r415415-0055/>



Specification	
Voltage	24.0 V
No-load speed	12270 rpm
No-load current	90 mA
Stall torque	54.9 mNm
Stall current	3200 mA
Load torque	8.33 mNm
Load speed	10400 rpm
Load current	550 mA
Max. output power	17.65 W
Max. efficiency	67.4 %
Torque constant	17.65 mNm/A
Speed/torque gradient	223 rpm/mNm
Varistor	NO Yes/No
Weight	70 g
Operating temperature range	0 +60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- automotive products
- breast pumps
- electric tools

C2838R415415-0076

Graphite Brush



<https://www.kocomotion.de/produkt/c2838r415415-0076/>



Specification	
Voltage	24.0 V
No-load speed	17800 rpm
No-load current	130 mA
Stall torque	51.0 mNm
Stall current	4600 mA
Load torque	7.84 mNm
Load speed	15100 rpm
Load current	810 mA
Max. output power	23.79 W
Max. efficiency	63.2 %
Torque constant	11.41 mNm/A
Speed/torque gradient	349 rpm/mNm
Varistor	NO Yes/No
Weight	68 g
Operating temperature range	0 +60 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- automotive products
- breast pumps
- electric tools

C1012F

10mm DC core motor



<https://www.kocomotion.de/produkt/c1012f/>



Produkte:

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C1012F43-0045

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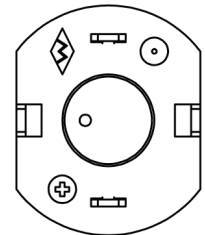
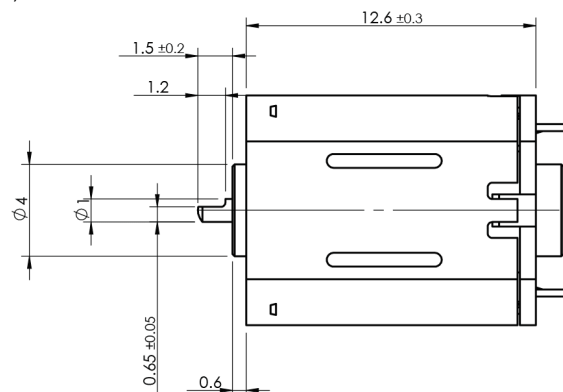
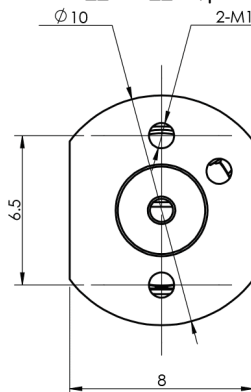
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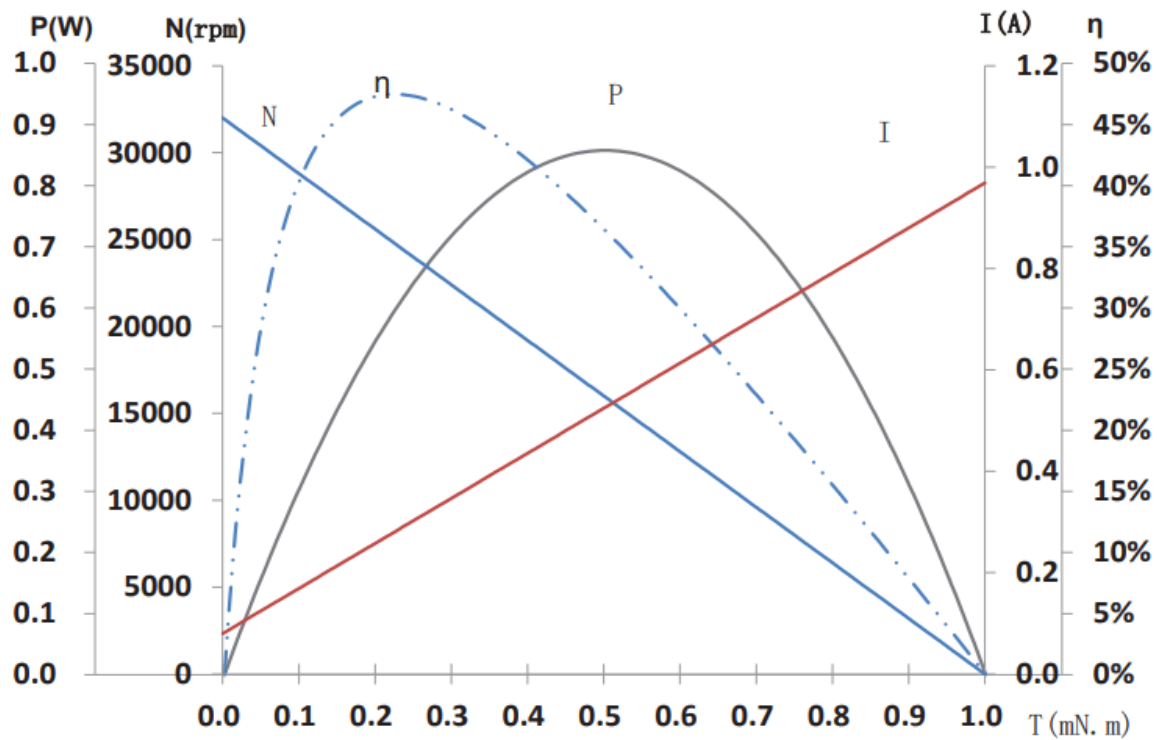
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C1012F43-0045

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1012f43-0045/>



Specification	
Voltage	4.5 V
Terminal resistance	3.7 Ω
No-load speed	32000 rpm
No-load current	80 mA
Stall torque	1.00 mNm
Stall current	969 mA
Load torque	0.29 mNm
Load speed	23000 rpm
Load current	330 mA
Max. output power	0.84 W
Max. efficiency	46.4 %
Back-EMF constant	0.13 mV/rpm
Torque constant	1.13 mNm/A
Speed/torque gradient	32000 rpm/mNm
Varistor	Yes Yes/No
Weight	3.15 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1012F43-0108

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1012f43-0108/>



Specification	
Voltage	2.0 V
Terminal resistance	16.5 Ω
No-load speed	7000 rpm
No-load current	20 mA
Stall torque	0.30 mNm
Stall current	120 mA
Load torque	0.09 mNm
Load speed	4900 rpm
Load current	50 mA
Max. output power	0.06 W
Max. efficiency	46.3 %
Back-EMF constant	0.24 mV/rpm
Torque constant	3.00 mNm/A
Speed/torque gradient	23333 rpm/mNm
Varistor	Yes Yes/No
Weight	3 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1012F43-0113

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1012f43-0113/>



Specification	
Voltage	3.0 V
Terminal resistance	11.1 Ω
No-load speed	12900 rpm
No-load current	30 mA
Stall torque	0.50 mNm
Stall current	288 mA
Load torque	0.17 mNm
Load speed	8400 rpm
Load current	120 mA
Max. output power	0.17 W
Max. efficiency	44.7 %
Back-EMF constant	0.21 mV/rpm
Torque constant	1.94 mNm/A
Speed/torque gradient	25800 rpm/mNm
Varistor	Yes Yes/No
Weight	3 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1015F

10mm DC core motor

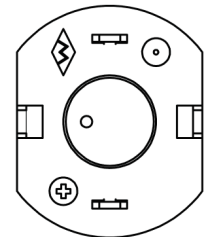
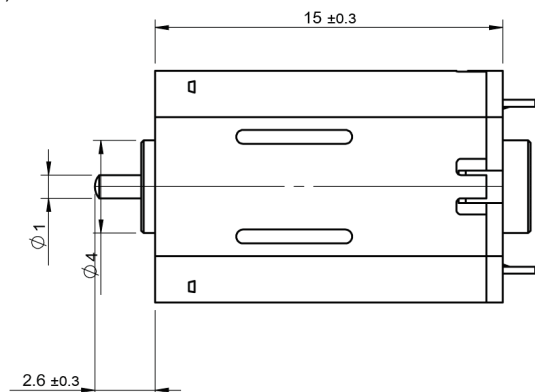
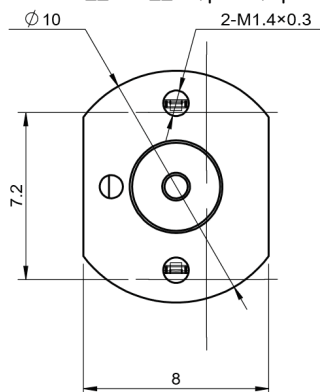


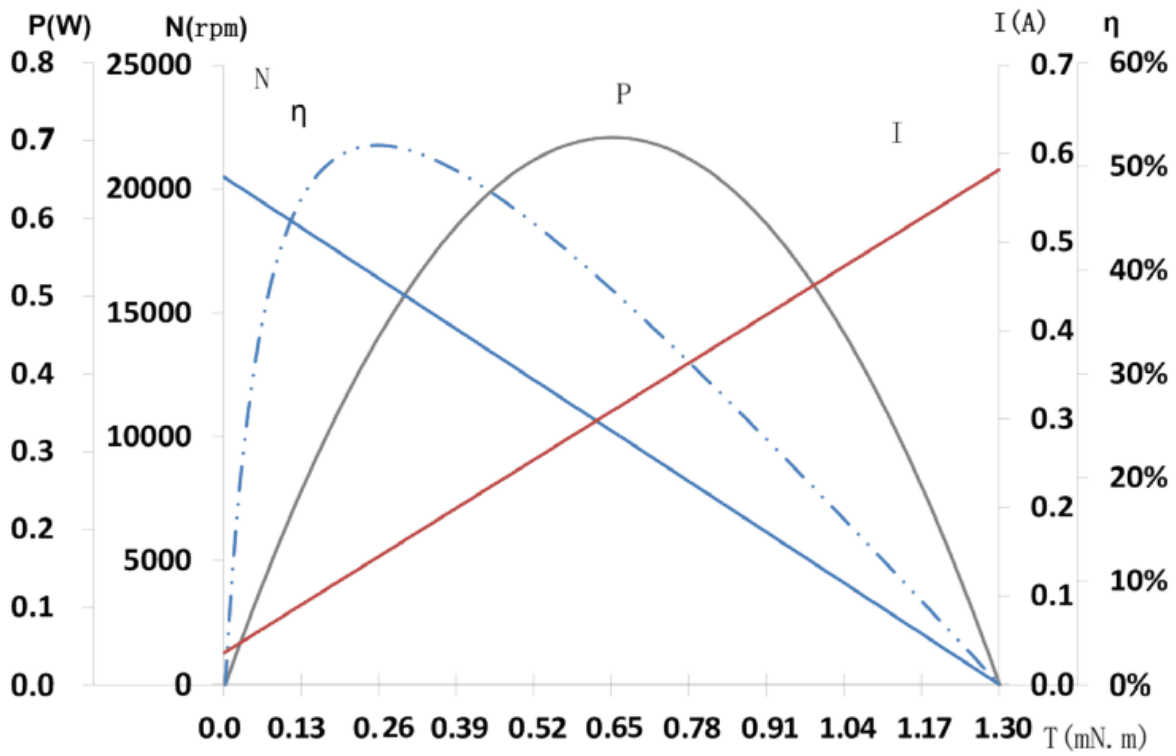
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include __DIR__ . "/parts/spacer.php";





C1015F33-0107

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1015f33-0107/>



Specification	
Voltage	6.0 V
Terminal resistance	10 Ω
No-load speed	20500 rpm
No-load current	35 mA
Stall torque	1.30 mNm
Stall current	582 mA
Load torque	0.098 mNm
Load speed	19000 rpm
Load current	75 mA
Max. output power	0.70 W
Max. efficiency	51.6 %
Back-EMF constant	0.28 mV/rpm
Torque constant	2.38 mNm/A
Speed/torque gradient	15769 rpm/mNm
Varistor	Yes Yes/No
Weight	4.1 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1015F33-0051

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1015f33-0051/>



Specification	
Voltage	3.0 V
Terminal resistance	35 Ω
No-load speed	5500 rpm
No-load current	15 mA
Stall torque	0.40 mNm
Stall current	91 mA
Load torque	0.098 mNm
Load speed	4200 rpm
Load current	33 mA
Max. output power	0.06 W
Max. efficiency	42.7 %
Back-EMF constant	0.45 mV/rpm
Torque constant	5.25 mNm/A
Speed/torque gradient	13750 rpm/mNm
Varistor	Yes Yes/No
Weight	3.9 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1015F33-0169

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1015f33-0169/>



Specification	
Voltage	3.0 V
Terminal resistance	4.5 Ω
No-load speed	14700 rpm
No-load current	50 mA
Stall torque	1.0 mNm
Stall current	680 mA
Load torque	0.098 mNm
Load speed	13300 rpm
Load current	110 mA
Max. output power	0.38 W
Max. efficiency	45.8 %
Back-EMF constant	0.19 mV/rpm
Torque constant	1.56 mNm/A
Speed/torque gradient	15000 rpm/mNm
Varistor	Yes Yes/No
Weight	4.0 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1212F

12mm DC core motor



<https://www.kocomotion.de/produkt/c1212f/>

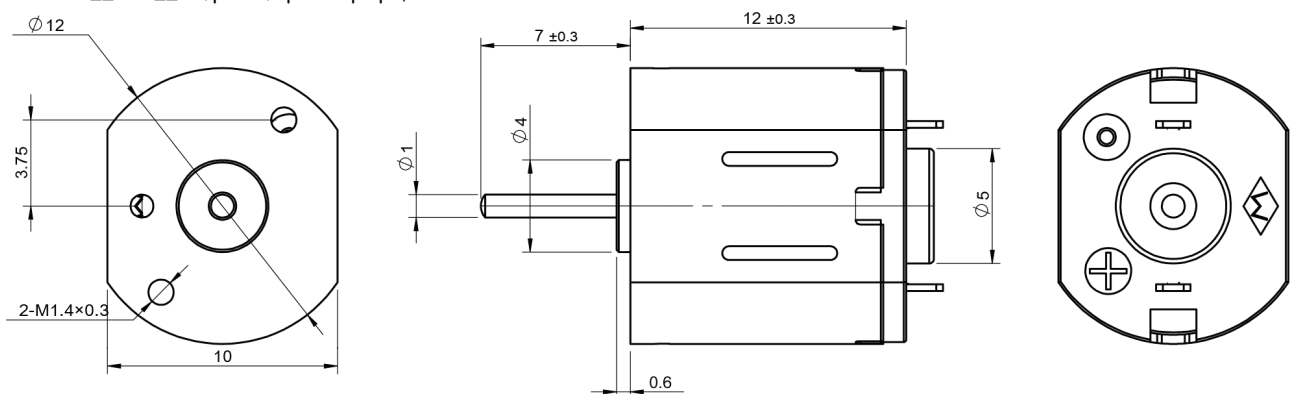


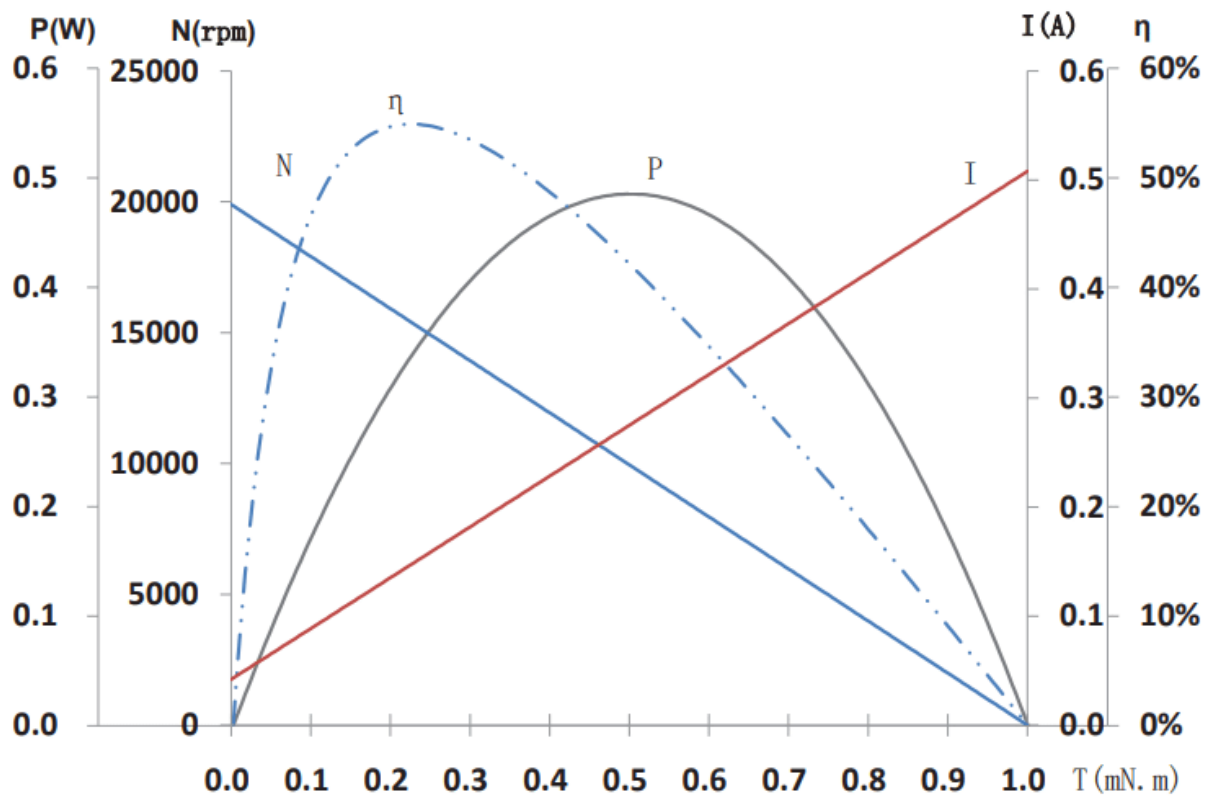
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C1212F13-0159

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1212f13-0159/>



Specification	
Voltage	4.2 V
Terminal resistance	7.8 Ω
No-load speed	19900 rpm
No-load current	42 mA
Stall torque	1.0 mNm
Stall current	511 mA
Load torque	0.098 mNm
Load speed	17950 rpm
Load current	88 mA
Max. output power	0.52 W
Max. efficiency	58.7 %
Back-EMF constant	0.19 mV/rpm
Torque constant	2.13 mNm/A
Speed/torque gradient	19898 rpm/mNm
Varistor	Yes Yes/No
Weight	5.4 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1212FF33-0527

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1212ff33-0527/>



Specification	
Voltage	3.0 V
Terminal resistance	3.1 Ω
No-load speed	22000 rpm
No-load current	75 mA
Stall torque	0.75 mNm
Stall current	808 mA
Load torque	0.102 mNm
Load speed	19000 rpm
Load current	175 mA
Max. output power	0.43 W
Max. efficiency	41.8 %
Back-EMF constant	0.13 mV/rpm
Torque constant	1.02 mNm/A
Speed/torque gradient	29412 rpm/mNm
Varistor	Yes Yes/No
Weight	5.4 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools

C1212FF33-0519

Precious Metal Commutation



<https://www.kocomotion.de/produkt/c1212ff33-0519/>



Specification	
Voltage	3.0 V
Terminal resistance	9.9 Ω
No-load speed	13400 rpm
No-load current	40 mA
Stall torque	0.48 mNm
Stall current	290 mA
Load torque	0.156 mNm
Load speed	9000 rpm
Load current	122 mA
Max. output power	0.17 W
Max. efficiency	40.8 %
Back-EMF constant	0.19 mV/rpm
Torque constant	-
Speed/torque gradient	28205 rpm/mNm
Varistor	Yes Yes/No
Weight	5.4 g
Operating temperature range	-20~+80 °C

Optionen

- lead wires length
- shaft length
- special coils
- gearheads

Anwendungen

- security equipment
- small electronic products
- remote control model aircraft
- personal care products
- portable electric tools



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