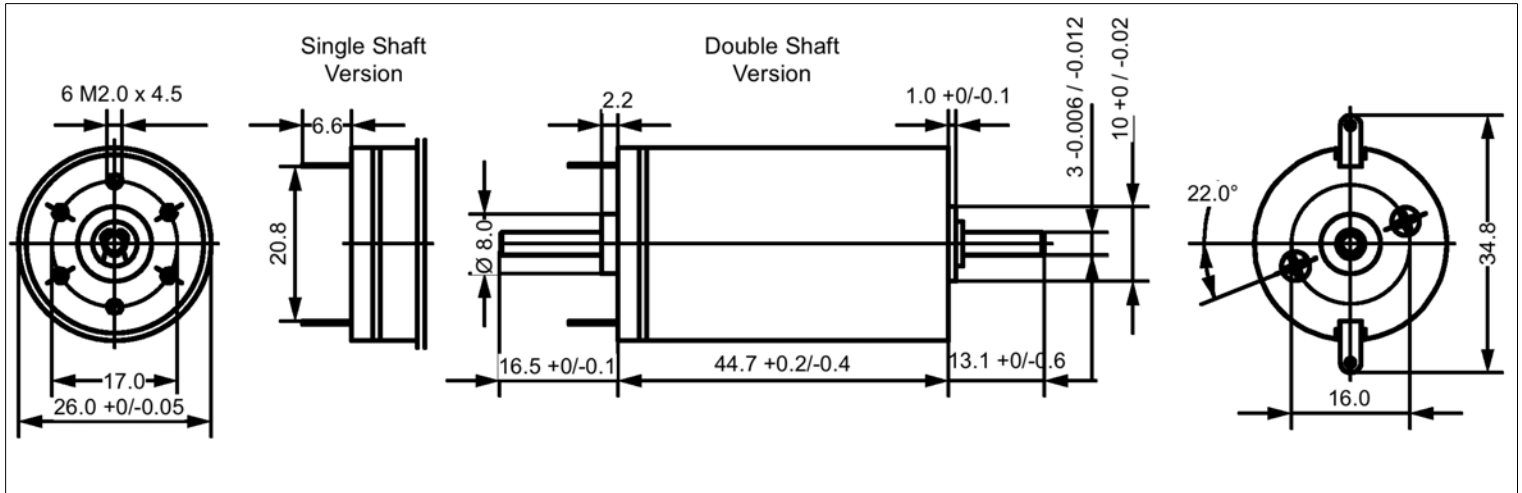


Coreless DC Motor - 26 mm Ø

C26G15SE010 14.87 Watts Peak Power



Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Nominal Voltage	15.0 Volts	15.0 Volts	15.0 Volts
No-Load Speed	6,200 rpm	6,200 rpm	6,200 rpm
Stall Torque	92.6 mNm	945.0 gcm	13.12 oz-in
No-Load Current	0.044 Amps	0.044 Amps	0.044 Amps
Peak Output Power	14.87 Watts	14.87 Watts	14.87 Watts

Torque Constant	22.85 mNm/A	233.03 gcm/A	3.24 oz-in/A
Terminal Resistance	3.70 Ohms	3.70 Ohms	3.70 Ohms
Back-EMF Constant	2.39 V/krpm	2.39 V/krpm	2.39 V/krpm
Inductance			
Rotor Inertia	5.600 kg-m ² x10 ⁻⁷	5.600 gm cm ²	0.793 x10 ⁻⁴ oz in sec ²

Mechanical Time Constant	4.0 msec	4.0 msec	4.0 msec
Slope of Speed/Torque Curve	66.9 rpm/mNm	6.6 rpm/gcm	472.6 rpm/oz-in
Speed Constant	418 rpm/Volt	418 rpm/Volt	418 rpm/Volt
Motor Constant	11.88 mNm/√Watt	121.15 gcm/√Watt	1.68 oz-in/√Watt

Powerful Metal Graphite Commutated Zero Cogging DC Motor.

Rated Power @ 5,540 rpm	5.74 Watts	5.74 Watts	5.74 Watts
Rated Torque @ 5,540 rpm	9.9 mNm	101.0 gcm	1.40 oz-in
Rated Current @ 5,540 rpm	0.433 Amps	0.433 Amps	0.433 Amps
Part Number: How to Order	C26G15SE010	Characteristics - Specifications at 22 °C	

Radial Load Rating	5.5 N	Radial Play	≤ 0.020 mm	Max Temperature	65 °C
Radial Load Distance	4 mm	Thrust Play	≤ 0.150 mm	Min Temperature	-20 °C
Axial Load	1.70 N	Magnet Type	NdFeB	Max Winding Temp	85 °C
Press Fit Force - Max	80.00 N	Bearing Type	Sleeve Bearings -	Mass	124.0 grams
Gearbox Options	Planetary, Spur, Right Angle, and Right Angle Worm Drives.				
Encoder Options	Optical 3 channel and low cost two channel low current magnetic encoders.				
Options - Other	Connectors. Ball Bearings. Lubrication. Wire Leads. Single Shaft Version. Windings.				

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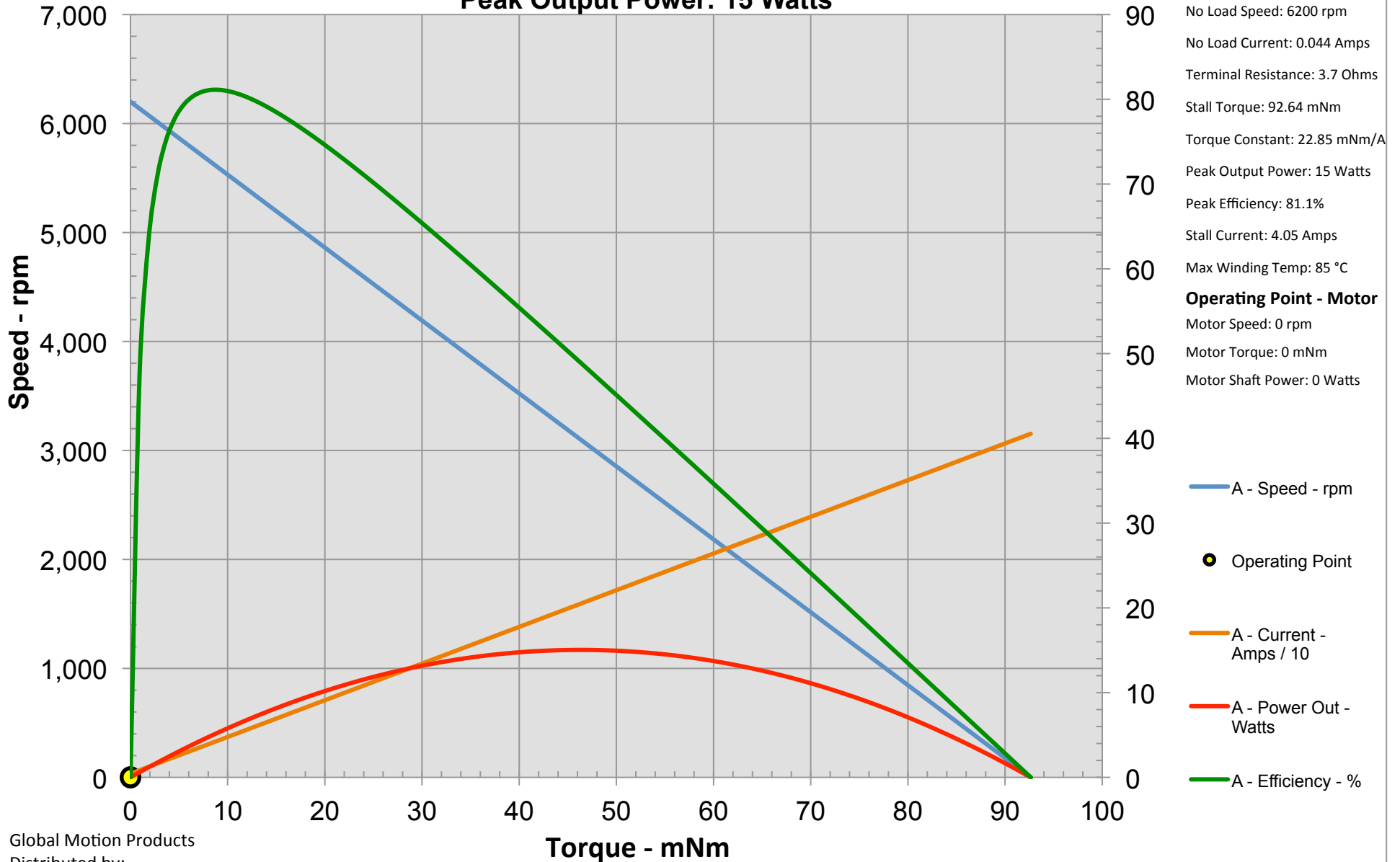
Commutation Type: **Manufactured under a Certified ISO 9001:2008 Quality System**
 Metal Graphite

RoHS Compliant

Coreless DC Motor - 26 mm
Motor: C26G15SE010 - - - 15 Volts
Peak Output Power: 15 Watts

Motor: C26G15SE010

Voltage: 15 Volts
 No Load Speed: 6200 rpm
 No Load Current: 0.044 Amps
 Terminal Resistance: 3.7 Ohms
 Stall Torque: 92.64 mNm
 Torque Constant: 22.85 mNm/A
 Peak Output Power: 15 Watts
 Peak Efficiency: 81.1%
 Stall Current: 4.05 Amps
 Max Winding Temp: 85 °C
Operating Point - Motor
 Motor Speed: 0 rpm
 Motor Torque: 0 mNm
 Motor Shaft Power: 0 Watts



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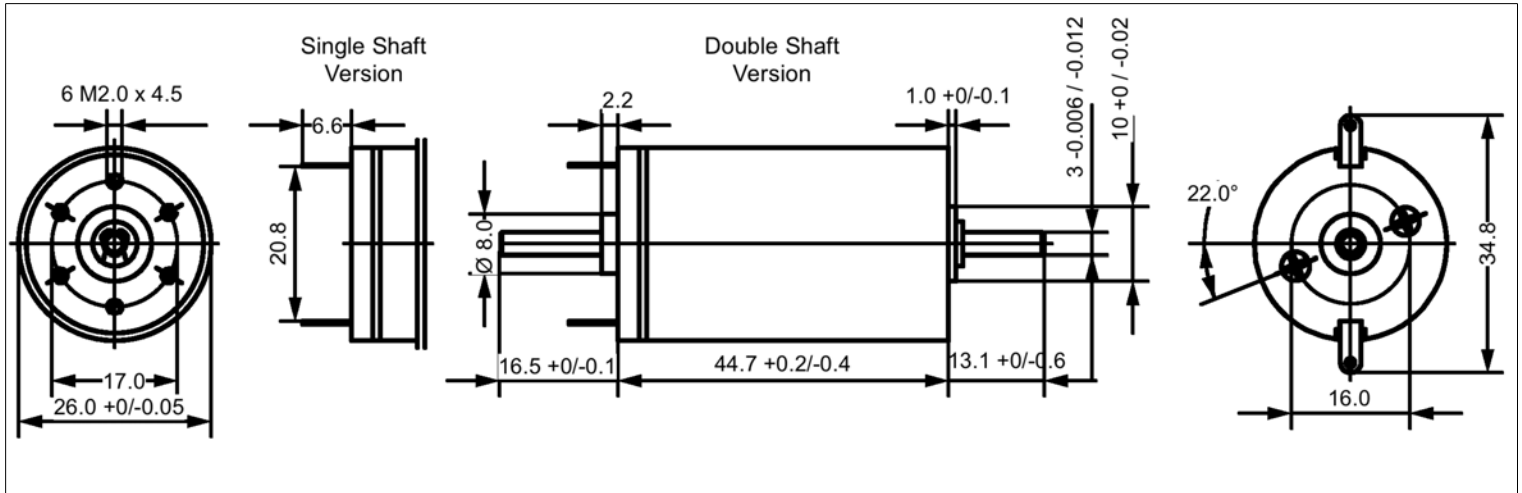
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IT IS NOT TEST DATA. Output Torque is computed by subtracting no load current from load current.

Coreless DC Motor - 26 mm Ø

C26G18SE010 27.60 Watts Peak Power



Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Nominal Voltage	18.0 Volts	18.0 Volts	18.0 Volts
No-Load Speed	6,500 rpm	6,500 rpm	6,500 rpm
Stall Torque	163.2 mNm	1,664.0 gcm	23.11 oz-in
No-Load Current	0.037 Amps	0.037 Amps	0.037 Amps
Peak Output Power	27.60 Watts	27.60 Watts	27.60 Watts
Torque Constant	26.29 mNm/A	268.05 gcm/A	3.72 oz-in/A
Terminal Resistance	2.90 Ohms	2.90 Ohms	2.90 Ohms
Back-EMF Constant	2.75 V/krpm	2.75 V/krpm	2.75 V/krpm
Inductance			
Rotor Inertia	15.300 kg-m ² x10 ⁻⁷	15.300 gm cm ²	2.167 x10 ⁻⁴ oz in sec ²
Mechanical Time Constant	6.4 msec	6.4 msec	6.4 msec
Slope of Speed/Torque Curve	39.8 rpm/mNm	3.9 rpm/gcm	281.3 rpm/oz-in
Speed Constant	363 rpm/Volt	363 rpm/Volt	363 rpm/Volt
Motor Constant	15.44 mNm/√Watt	157.40 gcm/√Watt	2.19 oz-in/√Watt

Powerful Metal Graphite Commutated Zero Cogging DC Motor.

Rated Power @ 5,630 rpm	12.90 Watts	12.90 Watts	12.90 Watts
Rated Torque @ 5,630 rpm	21.9 mNm	223.3 gcm	3.10 oz-in
Rated Current @ 5,630 rpm	0.834 Amps	0.834 Amps	0.834 Amps
Part Number: How to Order	C26G18SE010	Characteristics - Specifications at 22 °C	

Radial Load Rating	5.5 N	Radial Play	≤ 0.020 mm	Max Temperature	
Radial Load Distance	4 mm	Thrust Play	≤ 0.150 mm	Min Temperature	-20 °C
Axial Load	1.70 N	Magnet Type	NdFeB	Max Winding Temp	85 °C
Press Fit Force - Max	80.00 N	Bearing Type	Sleeve Bearings -	Mass	124.0 grams
Gearbox Options	Planetary, Spur, Right Angle, and Right Angle Worm Drives.				
Encoder Options	Optical 3 channel and low cost two channel low current magnetic encoders.				
Options - Other	Connectors. Ball Bearings. Lubrication. Wire Leads. Single Shaft Version. Windings.				

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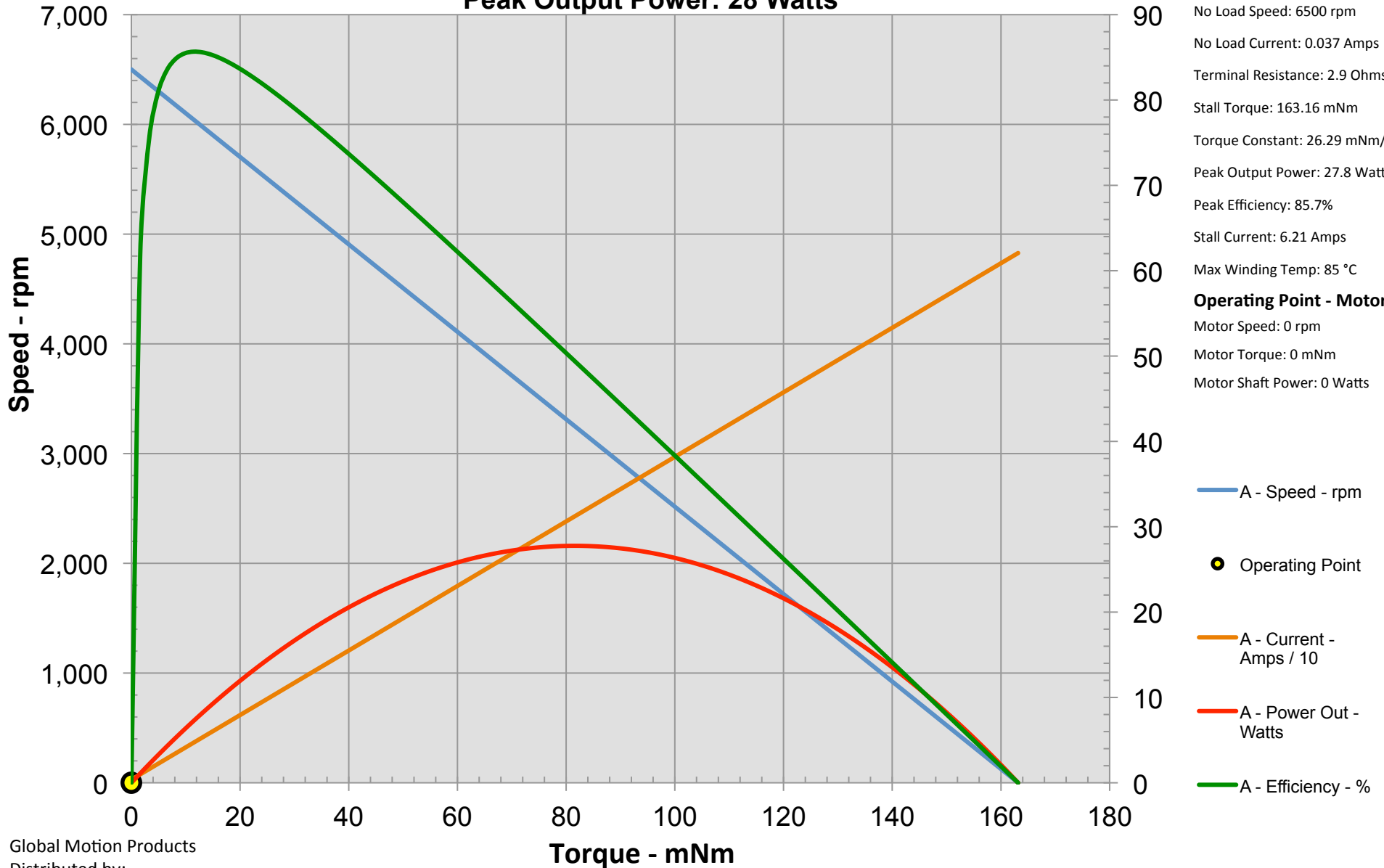
Commutation Type: **Manufactured under a Certified ISO 9001:2008 Quality System**
 Metal Graphite

RoHS Compliant

Coreless DC Motor - 26 mm
Motor: C26G18SE010 - - - 18 Volts
Peak Output Power: 28 Watts

Motor: C26G18SE010

Voltage: 18 Volts
 No Load Speed: 6500 rpm
 No Load Current: 0.037 Amps
 Terminal Resistance: 2.9 Ohms
 Stall Torque: 163.16 mNm
 Torque Constant: 26.29 mNm/A
 Peak Output Power: 27.8 Watts
 Peak Efficiency: 85.7%
 Stall Current: 6.21 Amps
 Max Winding Temp: 85 °C
Operating Point - Motor
 Motor Speed: 0 rpm
 Motor Torque: 0 mNm
 Motor Shaft Power: 0 Watts



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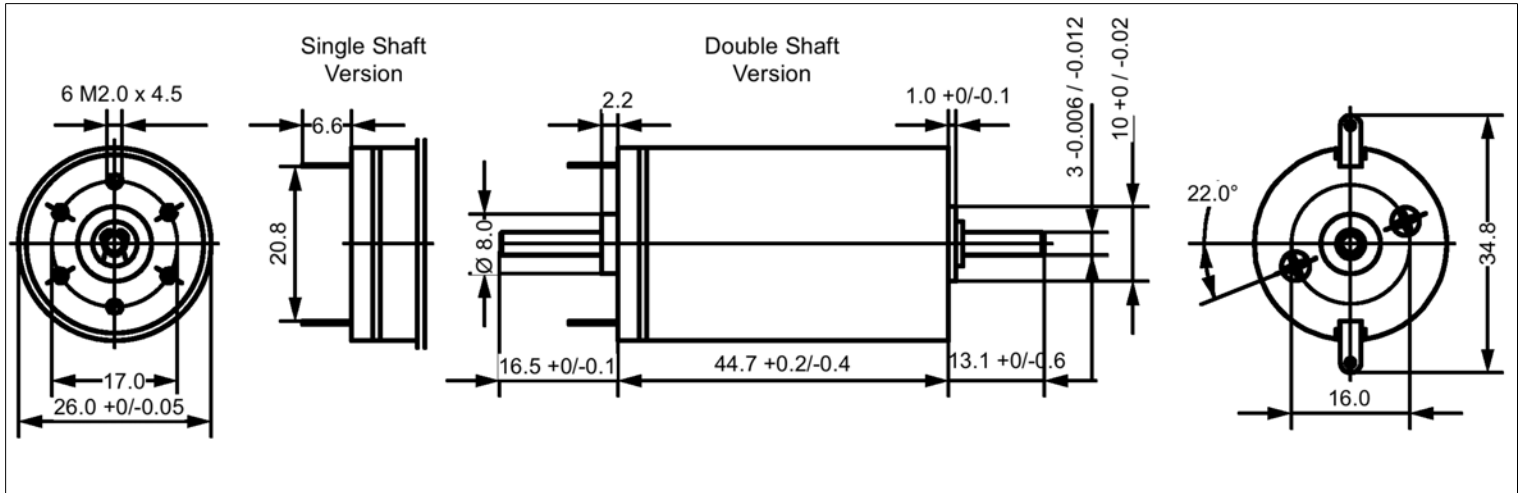
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IT IS NOT TEST DATA. Output Torque is computed by subtracting no load current from load current.

Coreless DC Motor - 26 mm Ø

C26G24SE010 20.01 Watts Peak Power



Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Nominal Voltage	24.0 Volts	24.0 Volts	24.0 Volts
No-Load Speed	500 rpm	500 rpm	500 rpm
Stall Torque	1,538.9 mNm	15,692.0 gcm	217.92 oz-in
No-Load Current	0.023 Amps	0.023 Amps	0.023 Amps
Peak Output Power	20.01 Watts	20.01 Watts	20.01 Watts
Torque Constant	455.25 mNm/A	4,642.24 gcm/A	64.47 oz-in/A
Terminal Resistance	7.10 Ohms	7.10 Ohms	7.10 Ohms
Back-EMF Constant	47.67 V/krpm	47.67 V/krpm	47.67 V/krpm
Inductance			
Rotor Inertia	11.300 kg-m ² x10 ⁻⁷	11.300 gm cm ²	1.600 x10 ⁻⁴ oz in sec ²
Mechanical Time Constant	0.0 msec	0.0 msec	0.0 msec
Slope of Speed/Torque Curve	0.3 rpm/mNm	0.0 rpm/gcm	2.3 rpm/oz-in
Speed Constant	21 rpm/Volt	21 rpm/Volt	21 rpm/Volt
Motor Constant	170.85 mNm/√Watt	1,742.20 gcm/√Watt	24.19 oz-in/√Watt

Powerful Metal Graphite Commutated Zero Cogging DC Motor.

Rated Power @ 4,810 rpm	12.80 Watts	12.80 Watts	12.80 Watts
Rated Torque @ 4,810 rpm	25.4 mNm	259.0 gcm	3.60 oz-in
Rated Current @ 4,810 rpm	0.186 Amps	0.186 Amps	0.186 Amps
Part Number: How to Order	C26G24SE010	Characteristics - Specifications at 22 °C	

Radial Load Rating	5.5 N	Radial Play	≤ 0.020 mm	Max Temperature	
Radial Load Distance	4 mm	Thrust Play	≤ 0.150 mm	Min Temperature	-20 °C
Axial Load	1.70 N	Magnet Type	NdFeB	Max Winding Temp	85 °C
Press Fit Force - Max	80.00 N	Bearing Type	Sleeve Bearings -	Mass	124.0 grams
Gearbox Options	Planetary, Spur, Right Angle, and Right Angle Worm Drives.				
Encoder Options	Optical 3 channel and low cost two channel low current magnetic encoders.				
Options - Other	Connectors. Ball Bearings. Lubrication. Wire Leads. Single Shaft Version. Windings.				

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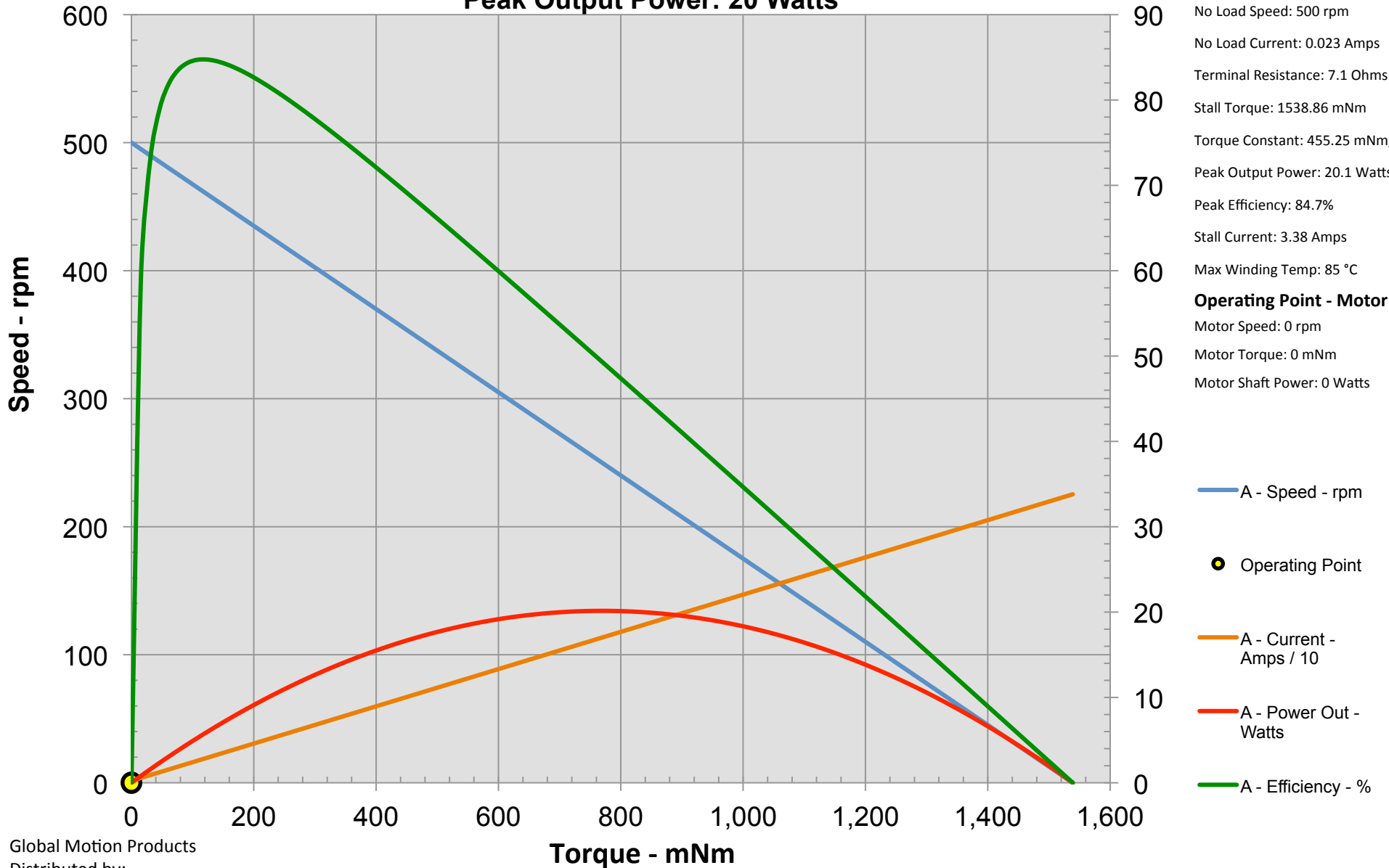
Commutation Type: **Manufactured under a Certified ISO 9001:2008 Quality System**
 Metal Graphite

RoHS Compliant

Coreless DC Motor - 26 mm
Motor: C26G24SE010 - - - 24 Volts
Peak Output Power: 20 Watts

Motor: C26G24SE010

Voltage: 24 Volts
 No Load Speed: 500 rpm
 No Load Current: 0.023 Amps
 Terminal Resistance: 7.1 Ohms
 Stall Torque: 1538.86 mNm
 Torque Constant: 455.25 mNm/
 Peak Output Power: 20.1 Watts
 Peak Efficiency: 84.7%
 Stall Current: 3.38 Amps
 Max Winding Temp: 85 °C
Operating Point - Motor
 Motor Speed: 0 rpm
 Motor Torque: 0 mNm
 Motor Shaft Power: 0 Watts



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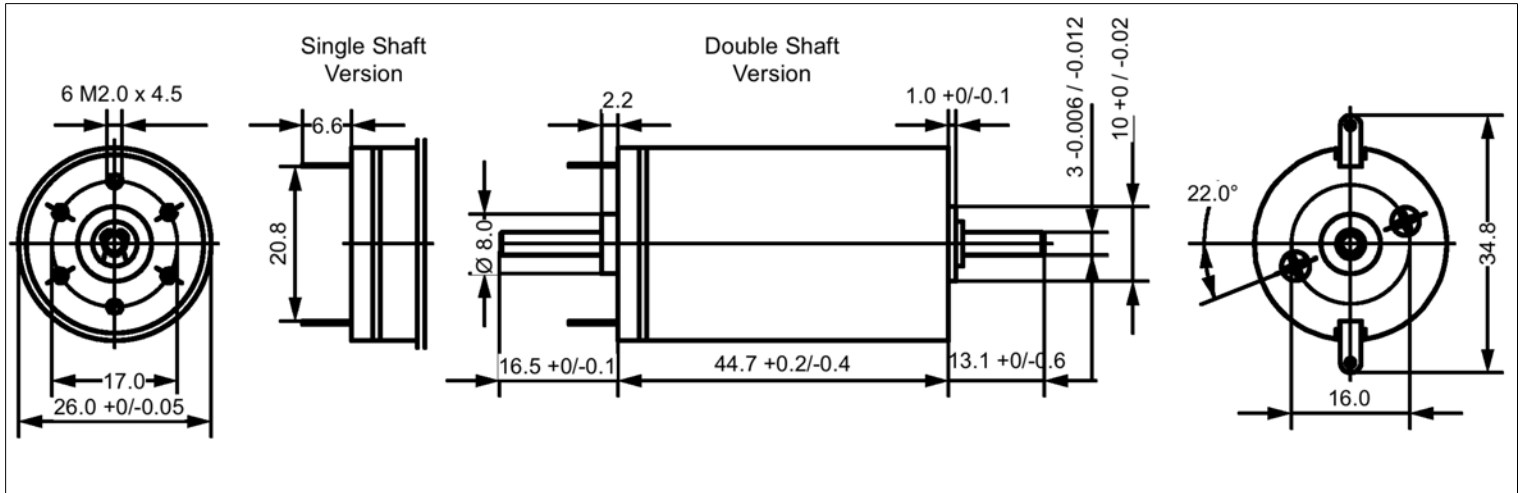
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IT IS NOT TEST DATA. Output Torque is computed by subtracting no load current from load current.

Coreless DC Motor - 26 mm Ø

C26G30SE010 8.63 Watts Peak Power



Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Nominal Voltage	30.0 Volts	30.0 Volts	30.0 Volts
No-Load Speed	6,100 rpm	6,100 rpm	6,100 rpm
Stall Torque	55.0 mNm	561.0 gcm	7.78 oz-in
No-Load Current	0.020 Amps	0.020 Amps	0.020 Amps
Peak Output Power	8.63 Watts	8.63 Watts	8.63 Watts
Torque Constant	46.17 mNm/A	470.85 gcm/A	6.54 oz-in/A
Terminal Resistance	25.20 Ohms	25.20 Ohms	25.20 Ohms
Back-EMF Constant	4.84 V/krpm	4.84 V/krpm	4.84 V/krpm
Inductance			
Rotor Inertia	2.780 kg-m ² x10 ⁻⁷	2.780 gm cm ²	0.394 x10 ⁻⁴ oz in sec ²
Mechanical Time Constant	3.3 msec	3.3 msec	3.3 msec
Slope of Speed/Torque Curve	111.0 rpm/mNm	10.9 rpm/gcm	783.6 rpm/oz-in
Speed Constant	207 rpm/Volt	207 rpm/Volt	207 rpm/Volt
Motor Constant	9.20 mNm/√Watt	93.80 gcm/√Watt	1.30 oz-in/√Watt

Powerful Metal Graphite Commutated Zero Cogging DC Motor.

Rated Power @ 5,550 rpm	2.90 Watts	2.90 Watts	2.90 Watts
Rated Torque @ 5,550 rpm	5.0 mNm	50.9 gcm	0.71 oz-in
Rated Current @ 5,550 rpm	0.108 Amps	0.108 Amps	0.108 Amps
Part Number: How to Order	C26G30SE010	Characteristics - Specifications at 22 °C	

Radial Load Rating	5.5 N	Radial Play	≤ 0.020 mm	Max Temperature	65 °C
Radial Load Distance	4 mm	Thrust Play	≤ 0.150 mm	Min Temperature	-20 °C
Axial Load	1.70 N	Magnet Type	NdFeB	Max Winding Temp	85 °C
Press Fit Force - Max	80.00 N	Bearing Type	Sleeve Bearings -	Mass	124.0 grams
Gearbox Options	Planetary, Spur, Right Angle, and Right Angle Worm Drives.				
Encoder Options	Optical 3 channel and low cost two channel low current magnetic encoders.				
Options - Other	Connectors. Ball Bearings. Lubrication. Wire Leads. Single Shaft Version. Windings.				

Coreless DC Motor - 26 mm
Motor: C26G30SE010 - - - 30 Volts
Peak Output Power: 8.78 Watts

Motor: C26G30SE010

Voltage: 30 Volts

No Load Speed: 6100 rpm

No Load Current: 0.02 Amps

Terminal Resistance: 25.2 Ohms

Stall Torque: 54.97 mNm

Torque Constant: 46.17 mNm/A

Peak Output Power: 8.78 Watts

Peak Efficiency: 77%

Stall Current: 1.19 Amps

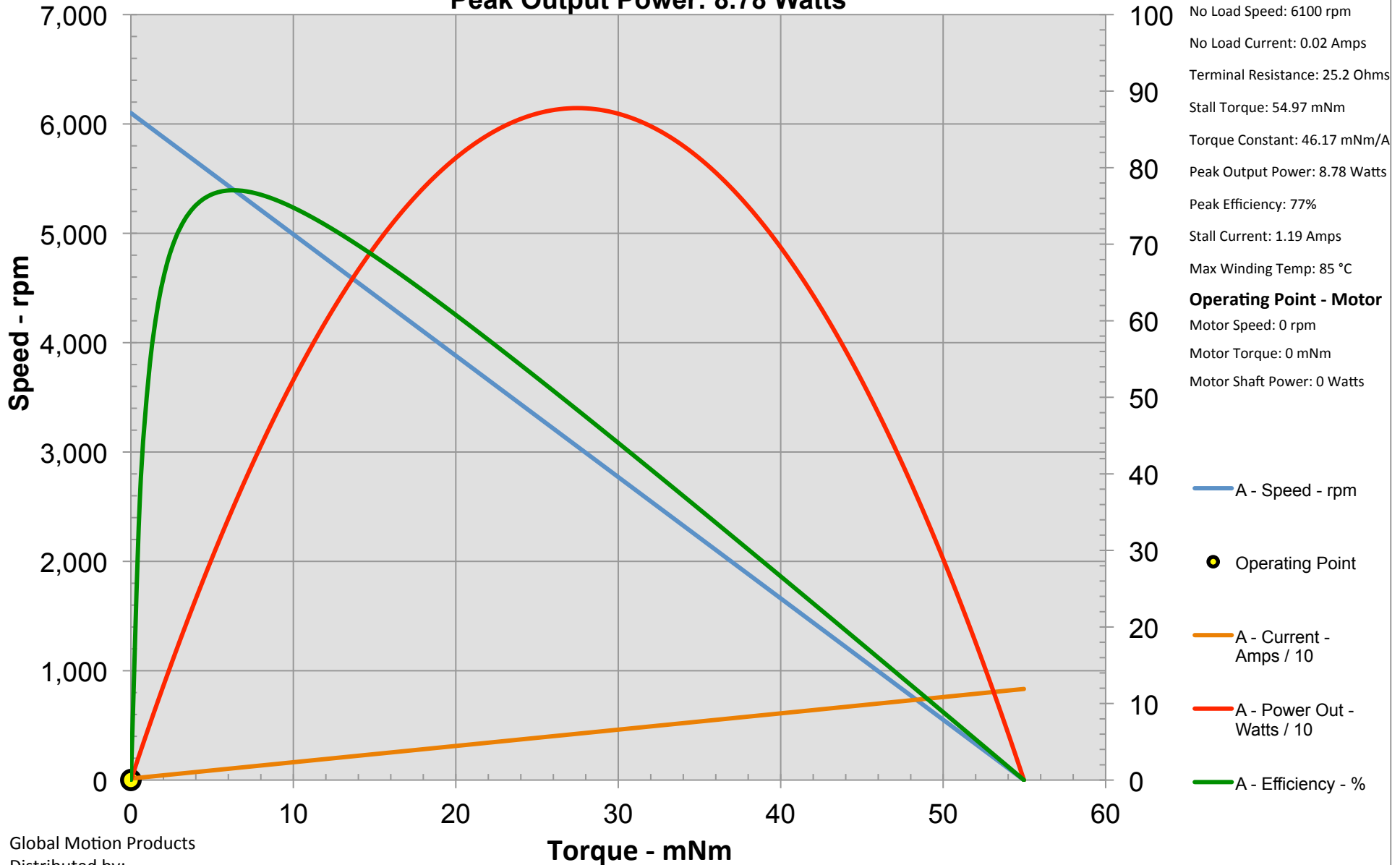
Max Winding Temp: 85 °C

Operating Point - Motor

Motor Speed: 0 rpm

Motor Torque: 0 mNm

Motor Shaft Power: 0 Watts



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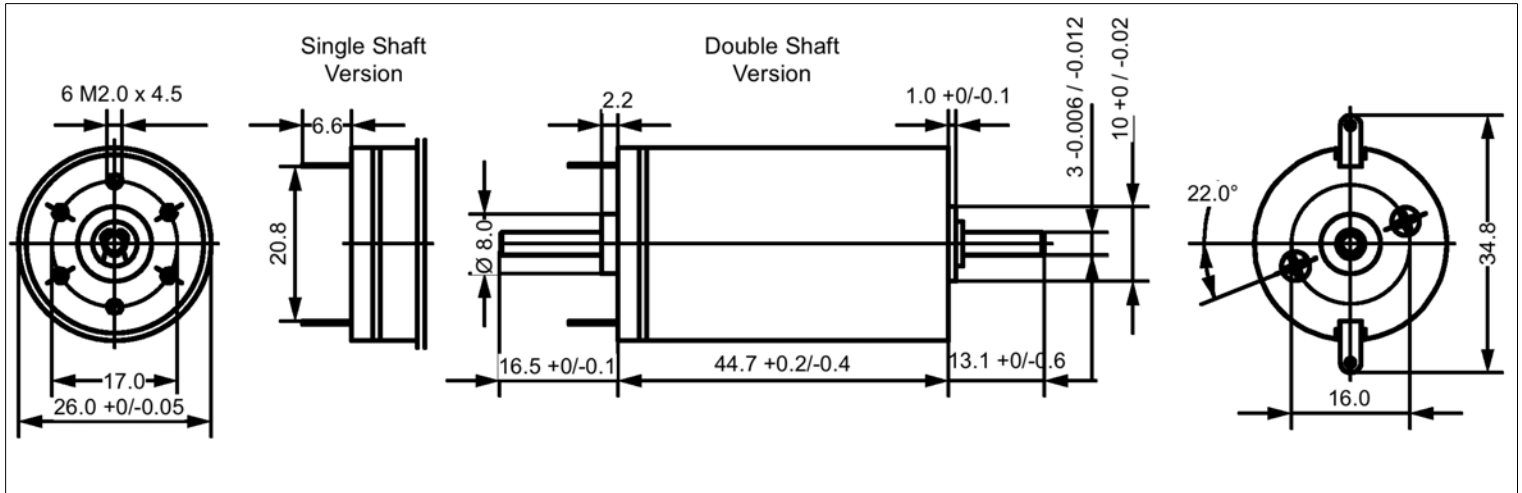
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IT IS NOT TEST DATA. Output Torque is computed by subtracting no load current from load current.

Coreless DC Motor - 26 mm Ø

C26G36SE010 13.33 Watts Peak Power



Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Nominal Voltage	36.0 Volts	36.0 Volts	36.0 Volts
No-Load Speed	6,140 rpm	6,140 rpm	6,140 rpm
Stall Torque	83.8 mNm	854.0 gcm	11.87 oz-in
No-Load Current	0.016 Amps	0.016 Amps	0.016 Amps
Peak Output Power	13.33 Watts	13.33 Watts	13.33 Watts
Torque Constant	55.40 mNm/A	564.89 gcm/A	7.84 oz-in/A
Terminal Resistance	23.80 Ohms	23.80 Ohms	23.80 Ohms
Back-EMF Constant	5.80 V/krpm	5.80 V/krpm	5.80 V/krpm
Inductance			
Rotor Inertia	7.530 kg-m ² x10 ⁻⁷	7.530 gm cm ²	1.066 x10 ⁻⁴ oz in sec ²
Mechanical Time Constant	5.8 msec	5.8 msec	5.8 msec
Slope of Speed/Torque Curve	73.3 rpm/mNm	7.2 rpm/gcm	517.4 rpm/oz-in
Speed Constant	172 rpm/Volt	172 rpm/Volt	172 rpm/Volt
Motor Constant	11.36 mNm/√Watt	115.79 gcm/√Watt	1.61 oz-in/√Watt

Powerful Metal Graphite Commutated Zero Cogging DC Motor.

Rated Power @ 5,340 rpm	5.80 Watts	5.80 Watts	5.80 Watts
Rated Torque @ 5,340 rpm	10.3 mNm	105.0 gcm	1.46 oz-in
Rated Current @ 5,340 rpm	0.186 Amps	0.186 Amps	0.186 Amps
Part Number: How to Order	C26G36SE010	Characteristics - Specifications at 22 °C	

Radial Load Rating	5.5 N	Radial Play	≤ 0.020 mm	Max Temperature	
Radial Load Distance	4 mm	Thrust Play	≤ 0.150 mm	Min Temperature	-20 °C
Axial Load	1.70 N	Magnet Type	NdFeB	Max Winding Temp	85 °C
Press Fit Force - Max	80.00 N	Bearing Type	Sleeve Bearings -	Mass	124.0 grams
Gearbox Options	Planetary, Spur, Right Angle, and Right Angle Worm Drives.				
Encoder Options	Optical 3 channel and low cost two channel low current magnetic encoders.				
Options - Other	Connectors. Ball Bearings. Lubrication. Wire Leads. Single Shaft Version. Windings.				

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Commutation Type: **Manufactured under a Certified ISO 9001:2008 Quality System**
 Metal Graphite

RoHS Compliant

Coreless DC Motor - 26 mm
Motor: C26G36SE010 - - - 36 Volts
Peak Output Power: 13 Watts

Motor: C26G36SE010

Voltage: 36 Volts

No Load Speed: 6140 rpm

No Load Current: 0.016 Amps

Terminal Resistance: 23.8 Ohms

Stall Torque: 83.79 mNm

Torque Constant: 55.4 mNm/A

Peak Output Power: 13.5 Watts

Peak Efficiency: 81.3%

Stall Current: 1.51 Amps

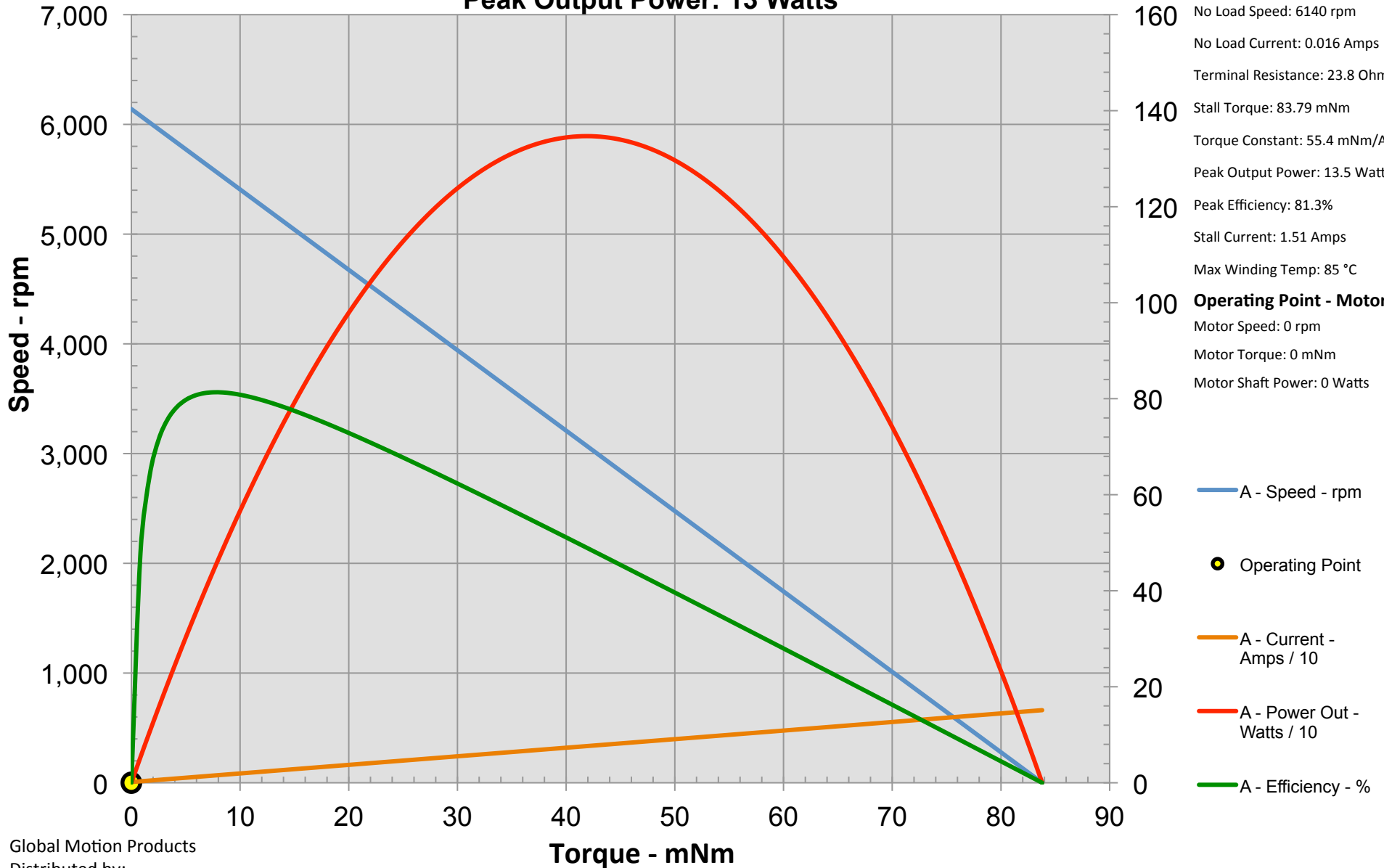
Max Winding Temp: 85 °C

Operating Point - Motor

Motor Speed: 0 rpm

Motor Torque: 0 mNm

Motor Shaft Power: 0 Watts



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