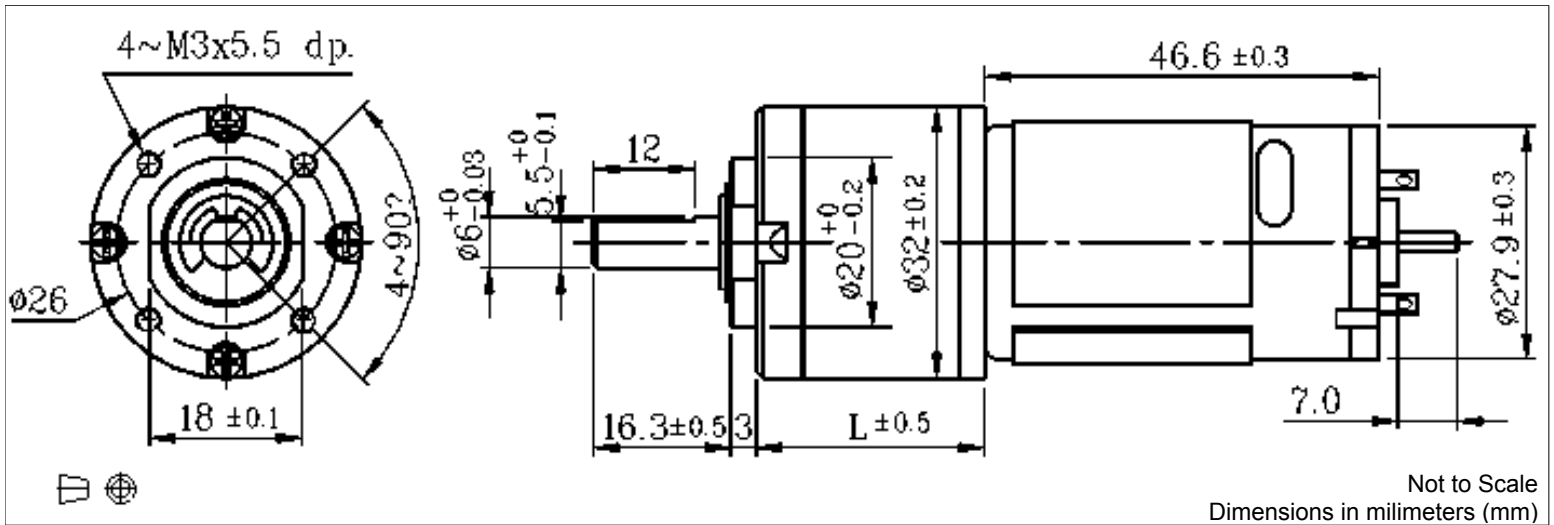


Planetary Gearmotor - 32 mm Ø



12 Volts - 7 Watts - Great Value - Sleeve

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
3.7:1	12.0	80 %	1,943 rpm	0.225 Amp	0.24 Nm	0.03 Nm	20.6 mm	212.0	Same	A320004GM00
5.2:1	12.0	80 %	1,389 rpm	0.225 Amp	0.34 Nm	0.04 Nm	20.6 mm	212.0	Same	A320005GM00
13.7:1	12.0	70 %	524 rpm	0.225 Amp	0.79 Nm	0.11 Nm	27.0 mm	232.0	Same	A320014GM00
19.2:1	12.0	70 %	375 rpm	0.225 Amp	1.10 Nm	0.15 Nm	27.0 mm	232.0	Same	A320019GM00
26.9:1	12.0	70 %	268 rpm	0.225 Amp	1.54 Nm	0.21 Nm	27.0 mm	232.0	Same	A320027GM00
35.0:1	12.0	70 %	206 rpm	0.225 Amp	2.00 Nm	0.26 Nm	27.0 mm	232.0	Same	A320035GM00
50.9:1	12.0	60 %	141 rpm	0.225 Amp	2.50 Nm	0.33 Nm	33.4 mm	257.0	Same	A320051GM00
71.2:1	12.0	60 %	101 rpm	0.225 Amp	3.49 Nm	0.46 Nm	33.4 mm	257.0	Same	A320071GM00
99.5:1	12.0	60 %	72 rpm	0.225 Amp	4.89 Nm	0.65 Nm	33.4 mm	257.0	Same	A320100GM00
139.1:1	12.0	60 %	52 rpm	0.225 Amp	6.83 Nm	0.89 Nm	33.4 mm	257.0	Same	A320139GM00
188.6:1	12.0	50 %	38 rpm	0.225 Amp	7.72 Nm	0.98 Nm	39.8 mm	283.0	Same	A320189GM00
263.7:1	12.0	50 %	27 rpm	0.225 Amp	10.79 Nm	1.18 Nm	39.8 mm	283.0	Same	A320264GM00

Radial Load Rating	≤ 29.4 N	Radial Play	≤ 0.05 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N			Bearing	Sleeve

CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.

Options
Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.

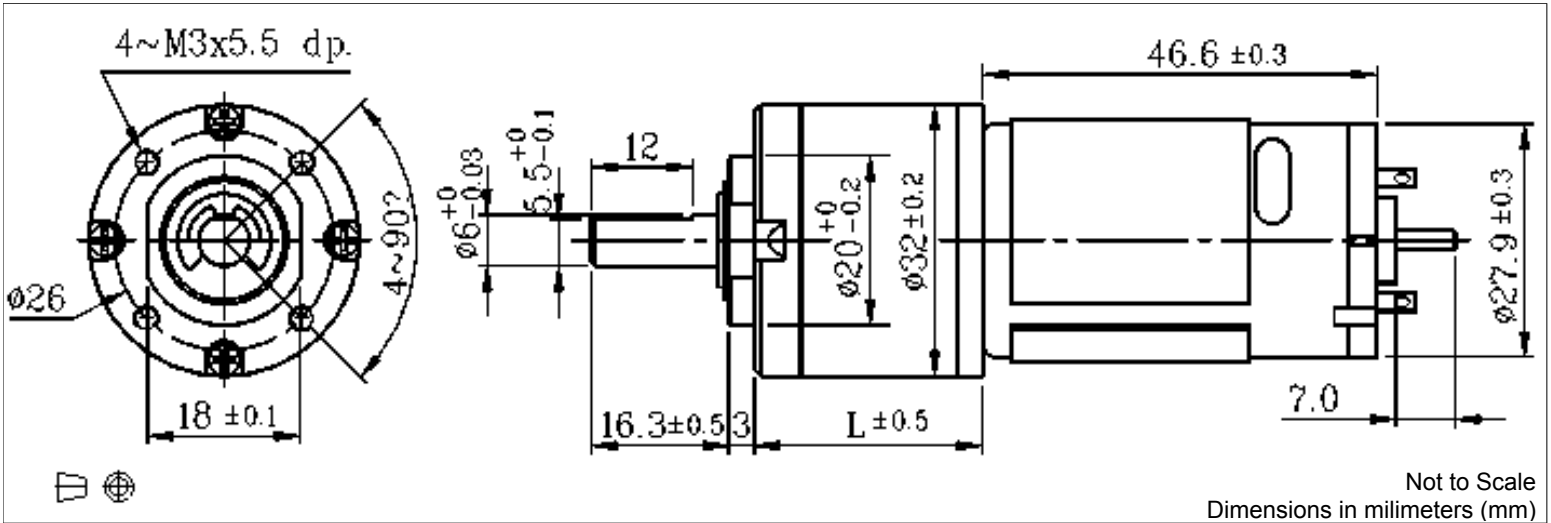
* Rotational Sense of Gearbox Output Shaft to Motor Shaft

Planetary Gearmotor - 32 mm Ø



12 Volts - 7 Watts - Great Value - Sleeve

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
515.6:1	12.0	50 %	14 rpm	0.225 Amp	21.10 Nm	1.18 Nm	39.8 mm	283.0	Same	A320516GM00
721.0:1	12.0	50 %	10 rpm	0.225 Amp	29.50 Nm	1.18 Nm	39.8 mm	283.0	Same	A320721GM00
939.2:1	12.0	50 %	8 rpm	0.225 Amp	38.42 Nm	1.18 Nm	39.8 mm	283.0	Same	A320939GM00

Radial Load Rating	≤ 29.4 N	Radial Play	≤ 0.05 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N			Options	Bearing Sleeve

CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.

Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.

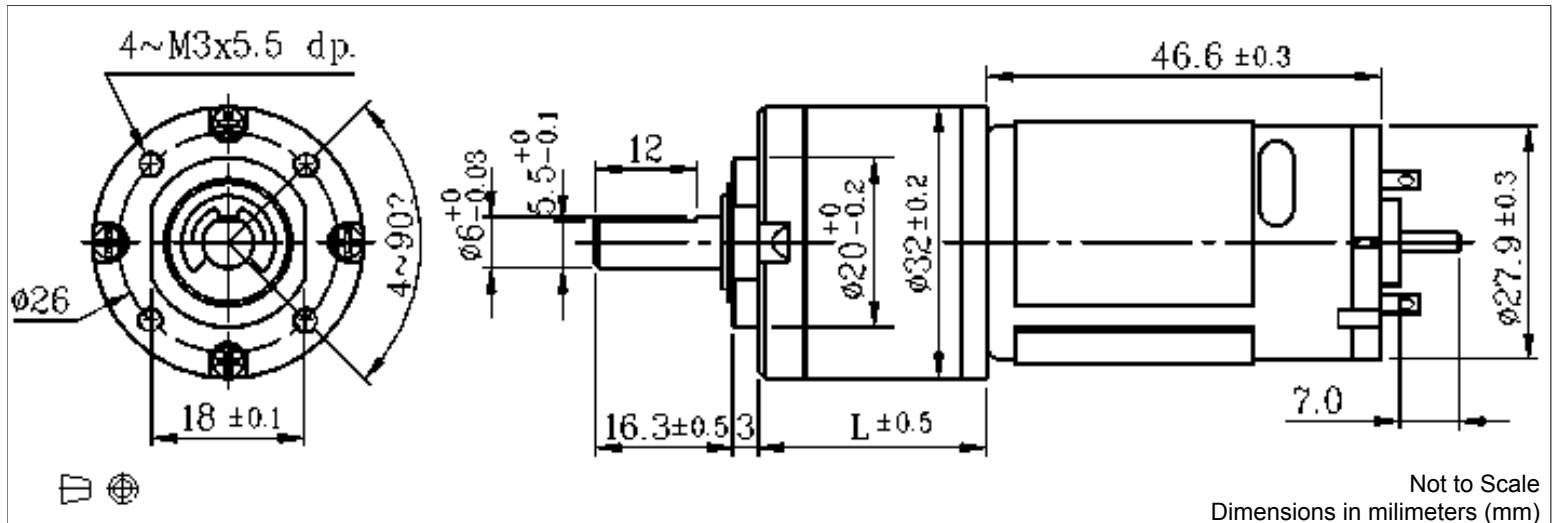
* Rotational Sense of Gearbox Output Shaft to Motor Shaft

Planetary Gearmotor - 32 mm Ø



12 Volts - 7 Watts - Great Value - Ball

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
3.7:1	12.0	80 %	1,943 rpm	0.225 Amp	0.24 Nm	0.03 Nm	20.6 mm	211.0	Same	A320004GM10
5.2:1	12.0	80 %	1,389 rpm	0.225 Amp	0.34 Nm	0.04 Nm	20.6 mm	211.0	Same	A320005GM10
13.7:1	12.0	70 %	524 rpm	0.225 Amp	0.79 Nm	0.11 Nm	27.0 mm	231.0	Same	A320014GM10
19.2:1	12.0	70 %	375 rpm	0.225 Amp	1.10 Nm	0.15 Nm	27.0 mm	231.0	Same	A320019GM10
26.9:1	12.0	70 %	268 rpm	0.225 Amp	1.54 Nm	0.21 Nm	27.0 mm	231.0	Same	A320027GM10
35.0:1	12.0	70 %	206 rpm	0.225 Amp	2.00 Nm	0.26 Nm	27.0 mm	231.0	Same	A320027GM10
50.9:1	12.0	60 %	141 rpm	0.225 Amp	2.50 Nm	0.33 Nm	33.4 mm	256.0	Same	A320051GM10
71.2:1	12.0	60 %	101 rpm	0.225 Amp	3.49 Nm	0.46 Nm	33.4 mm	256.0	Same	A320071GM10
99.5:1	12.0	60 %	72 rpm	0.225 Amp	4.89 Nm	0.65 Nm	33.4 mm	256.0	Same	A320100GM10
139.1:1	12.0	60 %	52 rpm	0.225 Amp	6.83 Nm	0.89 Nm	33.4 mm	256.0	Same	A320139GM10
188.6:1	12.0	50 %	38 rpm	0.225 Amp	7.72 Nm	0.98 Nm	39.8 mm	282.0	Same	A320189GM10
263.7:1	12.0	50 %	27 rpm	0.225 Amp	10.79 Nm	1.18 Nm	39.8 mm	282.0	Same	A320264GM10

Radial Load Rating	≤ 34.3 N	Radial Play	≤ 0.04 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N	Options	Bearing	Ball	

CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.

Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.

* Rotational Sense of Gearbox Output Shaft to Motor Shaft

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Commutation Type:
Metal Graphite

RoHS Compliant

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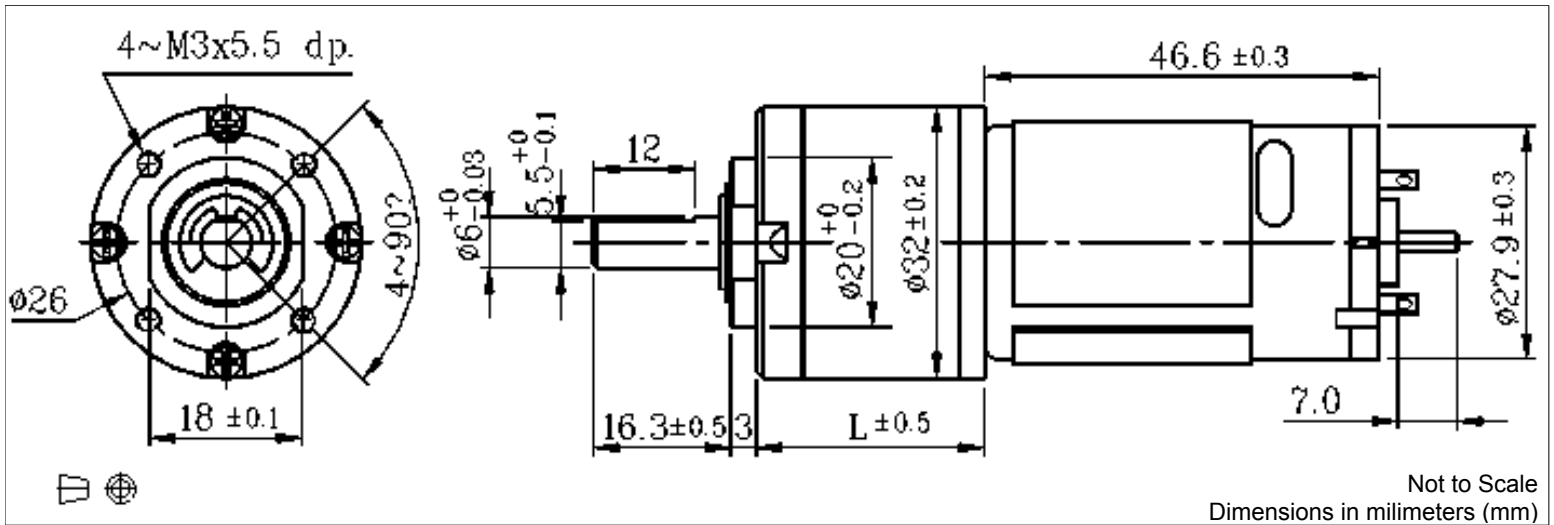
Specifications Subject to change without notice

Planetary Gearmotor - 32 mm Ø



12 Volts - 7 Watts - Great Value - Ball

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
515.6:1	12.0	50 %	14 rpm	0.225 Amp	21.10 Nm	1.18 Nm	39.8 mm	282.0	Same	A320516GM10
721.0:1	12.0	50 %	10 rpm	0.225 Amp	29.50 Nm	1.18 Nm	39.8 mm	282.0	Same	A320721GM10
939.2:1	12.0	50 %	8 rpm	0.225 Amp	38.42 Nm	1.18 Nm	39.8 mm	282.0	Same	A320939GM10

Radial Load Rating	≤ 34.3 N	Radial Play	≤ 0.04 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N	Options	Bearing	Ball	

CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.

Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.

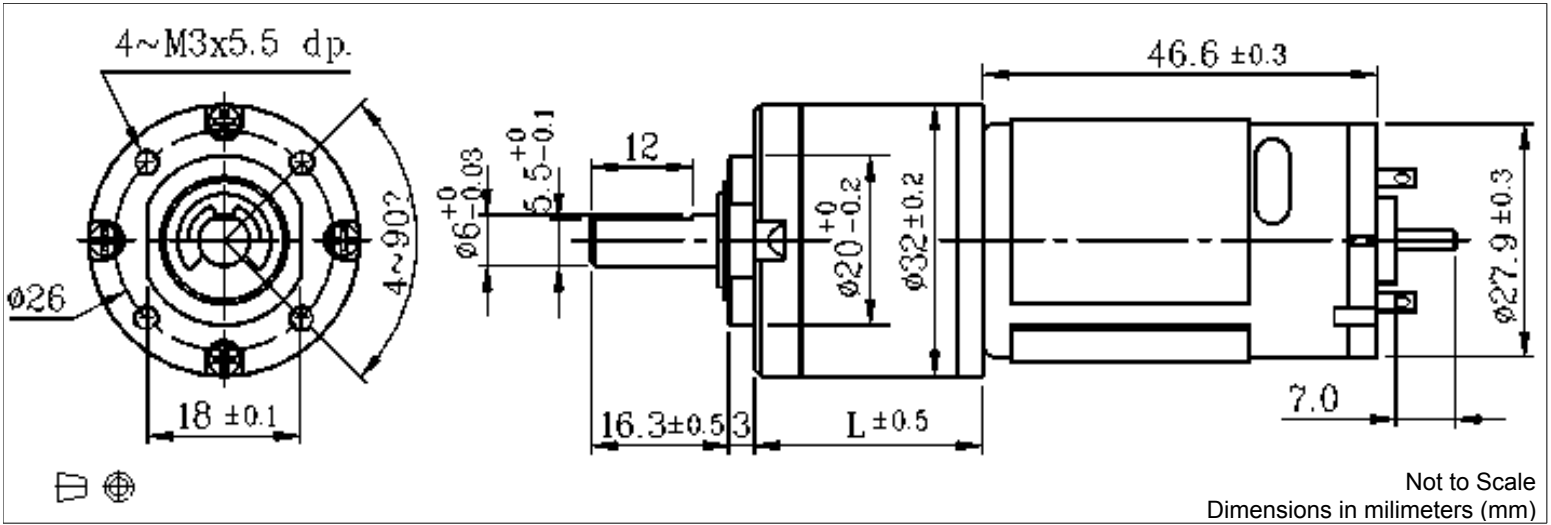
* Rotational Sense of Gearbox Output Shaft to Motor Shaft

Planetary Gearmotor - 32 mm Ø



24 Volts - 8 Plus Watts - Great Value - Sleeve

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
3.7:1	24.0	80 %	1,947 rpm	0.173 Amp	0.20 Nm	0.04 Nm	20.6 mm	212.0	Same	A320004GM20
5.2:1	24.0	80 %	1,392 rpm	0.173 Amp	0.27 Nm	0.05 Nm	20.6 mm	212.0	Same	A320005GM20
13.7:1	24.0	70 %	525 rpm	0.173 Amp	0.64 Nm	0.12 Nm	27.0 mm	232.0	Same	A320014GM20
19.2:1	24.0	70 %	376 rpm	0.173 Amp	0.89 Nm	0.17 Nm	27.0 mm	232.0	Same	A320019GM20
26.9:1	24.0	70 %	269 rpm	0.173 Amp	1.24 Nm	0.24 Nm	27.0 mm	232.0	Same	A320027GM20
35.0:1	24.0	70 %	206 rpm	0.173 Amp	1.62 Nm	0.30 Nm	27.0 mm	232.0	Same	A320035GM20
50.9:1	24.0	60 %	142 rpm	0.173 Amp	2.02 Nm	0.39 Nm	33.4 mm	257.0	Same	A320051GM20
71.2:1	24.0	60 %	101 rpm	0.173 Amp	2.83 Nm	0.54 Nm	33.4 mm	257.0	Same	A320071GM20
99.5:1	24.0	60 %	72 rpm	0.173 Amp	3.95 Nm	0.76 Nm	33.4 mm	257.0	Same	A320100GM20
139.1:1	24.0	60 %	52 rpm	0.173 Amp	5.53 Nm	0.98 Nm	33.4 mm	257.0	Same	A320139GM20
188.6:1	24.0	50 %	38 rpm	0.173 Amp	6.24 Nm	1.18 Nm	39.8 mm	283.0	Same	A320189GM20
263.7:1	24.0	50 %	27 rpm	0.173 Amp	8.73 Nm	1.18 Nm	39.8 mm	283.0	Same	A320264GM20

Radial Load Rating	≤ 29.4 N	Radial Play	≤ 0.05 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N			Bearing	Sleeve

CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.

Options
 Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.

* Rotational Sense of Gearbox Output Shaft to Motor Shaft

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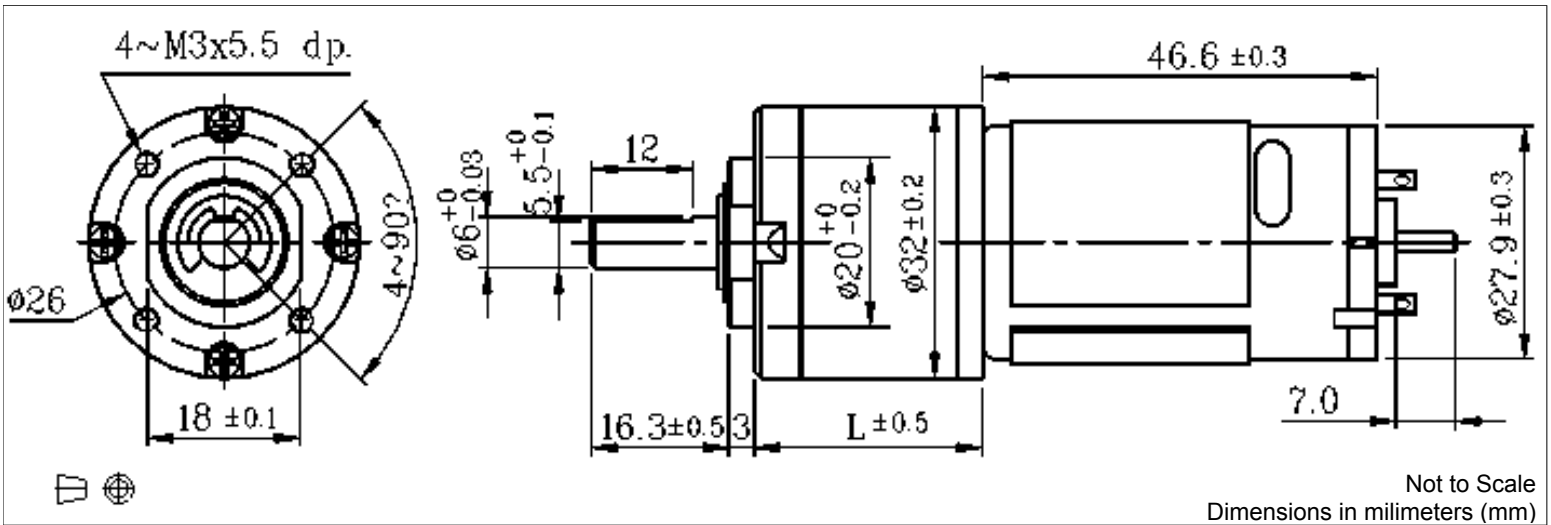
Specifications Subject to change without notice

Planetary Gearmotor - 32 mm Ø



24 Volts - 8 Plus Watts - Great Value - Sleeve

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Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
515.6:1	24.0	50 %	14 rpm	0.173 Amp	17.06 Nm	1.18 Nm	39.8 mm	283.0	Same	A320516GM20
721.0:1	24.0	50 %	10 rpm	0.173 Amp	23.86 Nm	1.18 Nm	39.8 mm	283.0	Same	A320721GM20
939.2:1	24.0	50 %	8 rpm	0.173 Amp	31.08 Nm	1.18 Nm	39.8 mm	283.0	Same	A320939GM20

Radial Load Rating	≤ 29.4 N	Radial Play	≤ 0.05 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N	Options	Bearing	Sleeve	
CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.		Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.			

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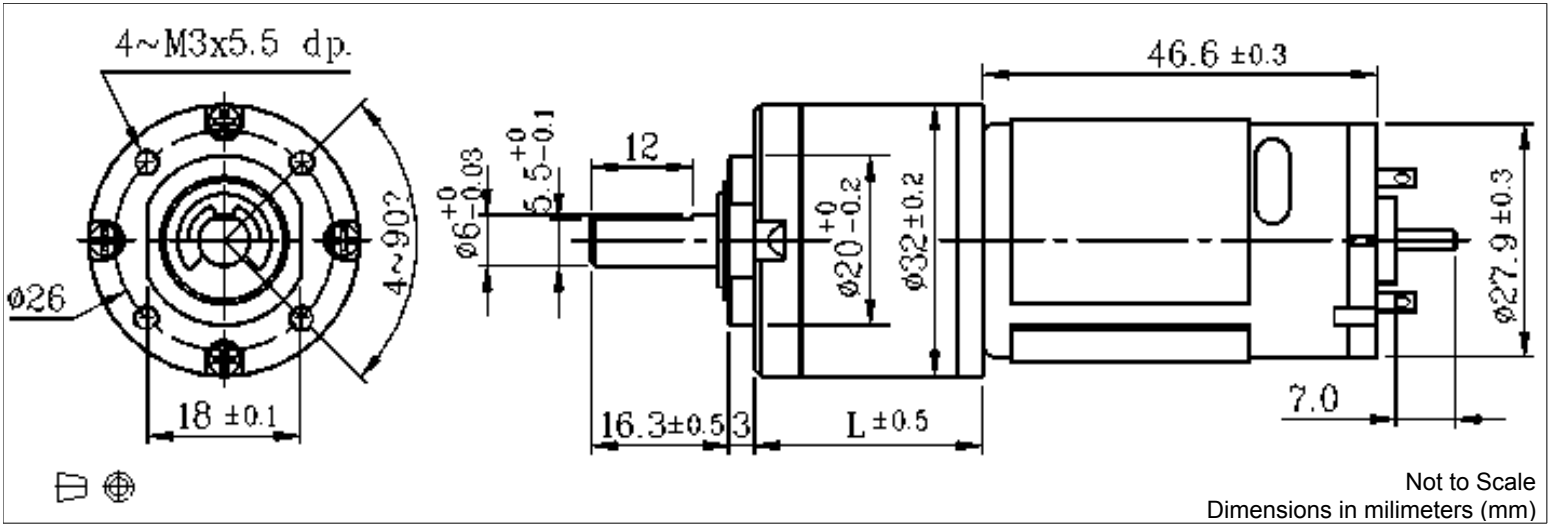
Specifications Subject to change without notice

Planetary Gearmotor - 32 mm Ø



24 Volts - 8 Plus Watts - Great Value - Ball

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
3.7:1	24.0	80 %	1,947 rpm	0.173 Amp	0.20 Nm	0.04 Nm	20.6 mm	211.0	Same	A320004GM30
5.2:1	24.0	80 %	1,392 rpm	0.173 Amp	0.27 Nm	0.05 Nm	20.6 mm	211.0	Same	A320005GM30
13.7:1	24.0	70 %	525 rpm	0.173 Amp	0.64 Nm	0.12 Nm	27.0 mm	231.0	Same	A320014GM30
19.2:1	24.0	70 %	376 rpm	0.173 Amp	0.89 Nm	0.17 Nm	27.0 mm	231.0	Same	A320019GM30
26.9:1	24.0	70 %	269 rpm	0.173 Amp	1.24 Nm	0.24 Nm	27.0 mm	231.0	Same	A320027GM30
35.0:1	24.0	70 %	206 rpm	0.173 Amp	1.62 Nm	0.30 Nm	27.0 mm	231.0	Same	A320027GM30
50.9:1	24.0	60 %	142 rpm	0.173 Amp	2.02 Nm	0.39 Nm	33.4 mm	256.0	Same	A320051GM30
71.2:1	24.0	60 %	101 rpm	0.173 Amp	2.83 Nm	0.54 Nm	33.4 mm	256.0	Same	A320071GM30
99.5:1	24.0	60 %	72 rpm	0.173 Amp	3.95 Nm	0.76 Nm	33.4 mm	256.0	Same	A320100GM30
139.1:1	24.0	60 %	52 rpm	0.173 Amp	5.53 Nm	0.98 Nm	33.4 mm	256.0	Same	A320139GM30
188.6:1	24.0	50 %	38 rpm	0.173 Amp	6.24 Nm	1.18 Nm	39.8 mm	282.0	Same	A320189GM30
263.7:1	24.0	50 %	27 rpm	0.173 Amp	8.73 Nm	1.18 Nm	39.8 mm	282.0	Same	A320264GM30

Radial Load Rating	≤ 34.3 N	Radial Play	≤ 0.04 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N			Bearing	Ball
CAUTION. Stall Torque is a theoretical calculation- NOT a rating/maximum value. Continuous Torque is the lesser of the Gearbox Continuous Torque Rating or the Motor's Continuous Torque Rating at gearbox output shaft.		Options: Magnetic Encoders. Leads. Connectors. Pinion/Gear Mounting. Lubricants. Motor Windings. Gear material. Coreless Motors. Bearings.			

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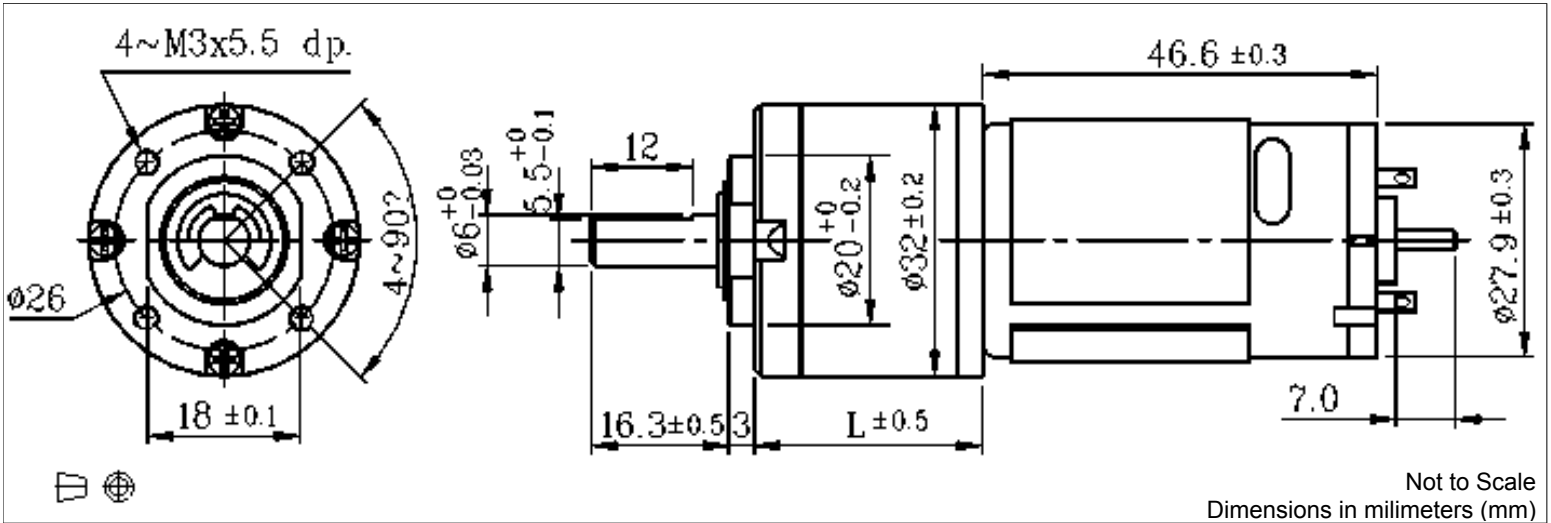
Specifications Subject to change without notice

Planetary Gearmotor - 32 mm Ø



24 Volts - 8 Plus Watts - Great Value - Ball

Global Motion Products



Ratio	Voltage Volts	Gearbox Efficiency %	No Load Speed rpm	Gearmotor No Load Current A	Stall Torque Nm	Continuous Torque Nm	Length L mm	Gearmotor Mass grams	Direction of Rotation*	Order Part Number
515.6:1	24.0	50 %	14 rpm	0.173 Amp	17.06 Nm	1.18 Nm	39.8 mm	282.0	Same	A320516GM30
721.0:1	24.0	50 %	10 rpm	0.173 Amp	23.86 Nm	1.18 Nm	39.8 mm	282.0	Same	A320721GM30
939.2:1	24.0	50 %	8 rpm	0.173 Amp	31.08 Nm	1.18 Nm	39.8 mm	282.0	Same	A320939GM30

Radial Load Rating	≤ 34.3 N	Radial Play	≤ 0.04 mm	Max Temperature Oper.	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Oper.	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Oper.	20% to 85%
Press Fit Force - Max	≤ 98.1 N	Options	Bearing	Ball	

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