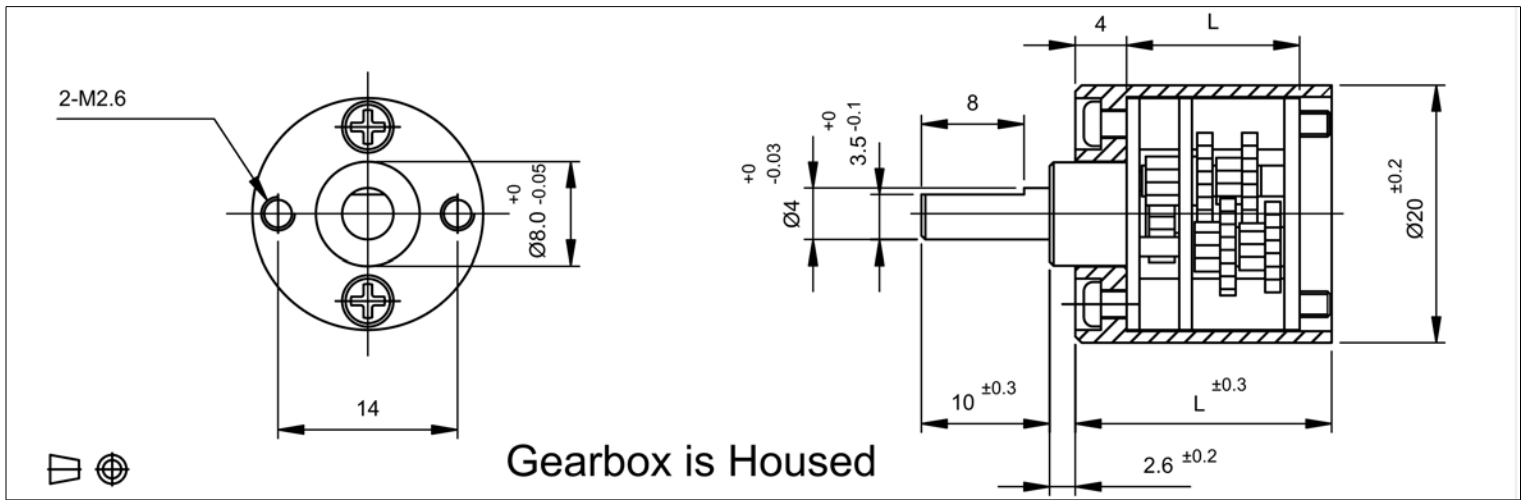


20 mm Diameter Inline Spur Gearbox



Metal Gears - Low Cost - Motor/Encoder Options

Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Ratio	Efficiency %	Continuous Torque mNm	Continuous Torque oz-in	Length L mm	Mass grams	Direction of Rotation*	Order Part Number
9.97:1	73 %	39 mNm	5.6 oz-in	16.50	24.0	Opposite	G200010AS00
12.52:1	73 %	39 mNm	5.6 oz-in	16.50	24.0	Opposite	G200013AS00
18.24:1	65 %	59 mNm	8.3 oz-in	20.00	27.5	Same	G200018AS00
28.80:1	65 %	59 mNm	8.3 oz-in	20.00	27.5	Same	G200029AS00
41.96:1	55 %	98 mNm	13.9 oz-in	20.00	27.5	Opposite	G200042AS00
51.97:1	55 %	98 mNm	13.9 oz-in	20.00	27.5	Opposite	G200052AS00
67.20:1	55 %	98 mNm	13.9 oz-in	20.00	27.5	Opposite	G200067AS00
80.21:1	50 %	118 mNm	16.7 oz-in	21.80	29.0	Same	G200080AS00
99.33:1	50 %	118 mNm	16.7 oz-in	21.80	29.0	Same	G200099AS00
119.53:1	50 %	147 mNm	20.8 oz-in	21.80	29.0	Same	G200120AS00
150.18:1	50 %	147 mNm	20.8 oz-in	21.80	29.0	Same	G200150AS00
179.24:1	45 %	177 mNm	25.0 oz-in	21.80	32.0	Opposite	G200179AS00
225.21:1	45 %	177 mNm	25.0 oz-in	25.30	32.0	Opposite	G200225AS00
274.92:1	45 %	177 mNm	25.0 oz-in	25.30	32.0	Opposite	G200275AS00

Radial Load Rating	≤ 3.9 N	Radial Play	≤ 0.05 mm	Max Temperature Operating	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Operating	-10°C
Axial Load	≤ 2.0 N	Backlash	≤ 3.0 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max	≤ 19.6 N	Bearing	Sleeve	Characteristics and Specifications at 22°C	

GMP offers Planetary & Spur Gearboxes/Gearmotors from 6 mm diameter to 90 mm. Motor technologies include: Iron Core, Coreless, and Slotless Brushless DC Motors, Two Ø Stepper Motors, Integral 3 Channel Optical & Magnetic encoders, some with Low Power/Voltage versions. 3 - 20 Volts - 5mA Reference.

Options: Special Shafts. Coreless, Iron Core, & BLDC Motors. Motors w/ low cost quadrature encoders. Connectors, Custom wiring harness. Lubrication. 3 channel encoder option in addition to low Voltage (3.5 to 20 Volts) and low current (10 mA max) Hall Effect Encoders.

* Rotational Sense of Gearbox Output Shaft to Motor Shaft

Global Motion Products

Distributed by:

Precision Motion Distributors: (925) 803-9565

Technical Support: (760) 451-2723

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Manufactured under a Certified ISO 9001:2008
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Environmental Management System.

RoHS Compliant

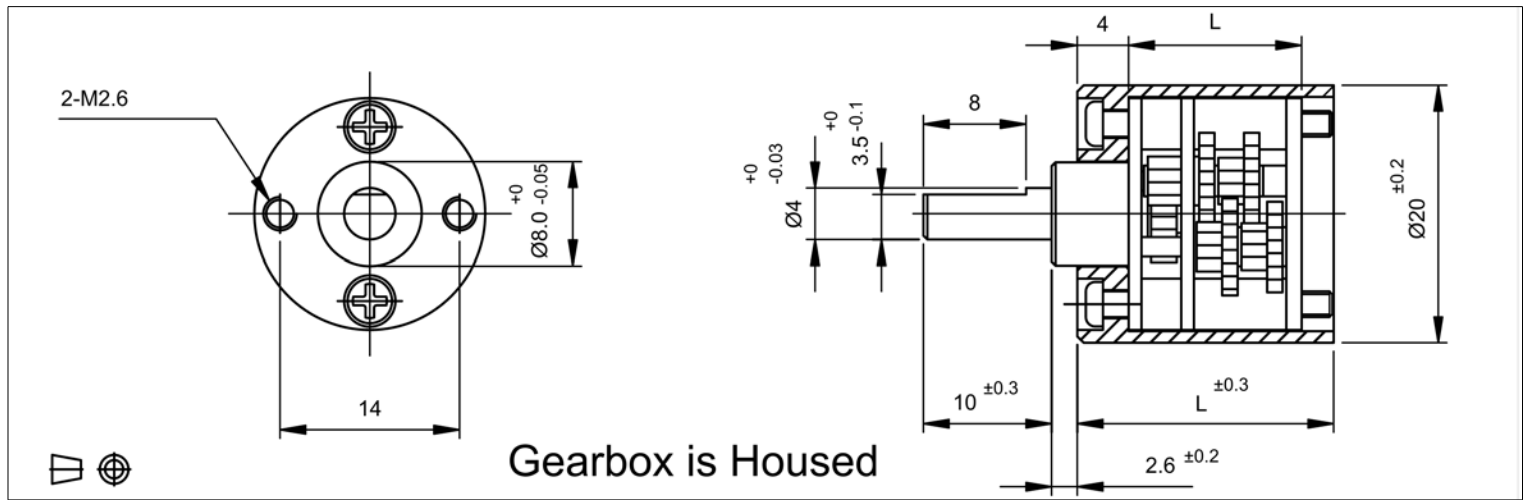
Specifications Subject to change without notice

20 mm Diameter Inline Spur Gearbox



Metal Gears - Low Cost - Motor/Encoder Options

Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Ratio	Efficiency %	Continuous Torque mNm	Continuous Torque oz-in	Length L mm	Mass grams	Direction of Rotation*	Order Part Number
350.42:1	45 %	177 mNm	25.0 oz-in	25.30	32.0	Opposite	G200350AS00
430.45:1	40 %	177 mNm	25.0 oz-in	25.30	32.0	Same	G200430AS00
548.66:1	40 %	177 mNm	25.0 oz-in	25.30	32.0	Same	G200549AS00
689.34:1	40 %	177 mNm	25.0 oz-in	25.30	32.0	Same	G200689AS00
794.46:1	40 %	177 mNm	25.0 oz-in	25.30	32.0	Same	G200794AS00
866.09:1	40 %	177 mNm	25.0 oz-in	25.30	32.0	Same	G200866AS00

Radial Load Rating	≤ 3.9 N	Radial Play	≤ 0.05 mm	Max Temperature Operating	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Operating	-10°C
Axial Load	≤ 2.0 N	Backlash	≤ 3.0 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max	≤ 19.6 N	Bearing Sleeve		Characteristics and Specifications at 22°C	

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