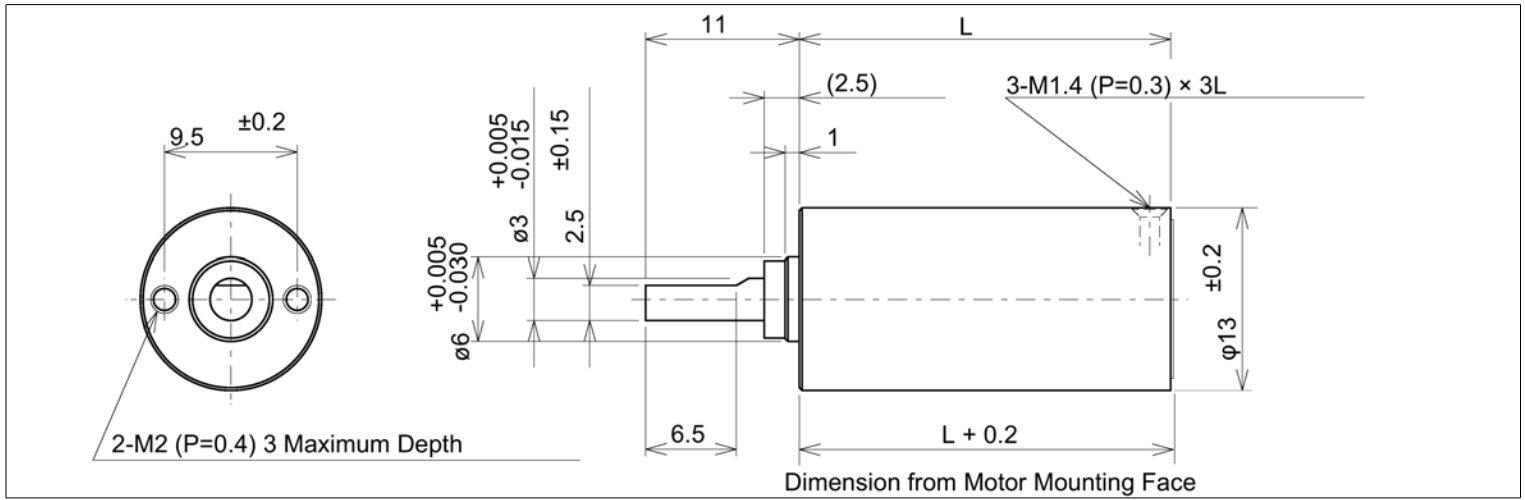


Planetary Gearbox - 13 mm Ø



Global Motion Products

P13 •••• MS00 - Sintered Metal Technology



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
16.47:1	81 %	196 mNm	27.8 oz-in	19.10	13.5	Same	P130016MS00
19.13:1	81 %	196 mNm	27.8 oz-in	19.10	13.5	Same	P130019MS00
66.86:1	73 %	294 mNm	41.6 oz-in	22.86	16.0	Same	P130067MS00
77.86:1	73 %	294 mNm	41.6 oz-in	22.85	16.0	Same	P130078MS00
90.20:1	73 %	294 mNm	41.6 oz-in	22.85	16.0	Same	P130090MS00
271.39:1	66 %	294 mNm	41.6 oz-in	26.60	18.9	Same	P130271MS00
315.22:1	66 %	294 mNm	41.6 oz-in	26.60	18.9	Same	P130315MS00
366.12:1	66 %	294 mNm	41.6 oz-in	26.60	18.9	Same	P130366MS00
425.25:1	66 %	294 mNm	41.6 oz-in	26.60	18.9	Same	P130425MS00

Radial Load Rating	≤ 48.1 N	Radial Play	≤ 0.10 mm	Max Temperature Operating	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.25 mm	Min Temperature Operating	-10°C
Axial Load	≤ 48.1 N	Backlash	≤ 3.0 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max		Bearing	Sleeve	Characteristics and Specifications at 22°C	

The P13 o o o o MS00 Series is available as a complete gearmotor with Coreless DC Motors w/optional 2 Channel Magnetic. Standard hardened stainless steel shaft. Lower cost Iron Core DC Motors or BLDC Motors are also available. GMP offers gearboxes and gearmotors from 6 mm diameter to 90 mm.

Options: Coreless DC Motors with optional 3 Channel Line Driven and Complementary Output Encoders. Gear and Shaft Material alternatives.

* Rotational Sense of Gearbox Output Shaft to Motor Shaft

Global Motion Products

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Precision Motion Distributors: (925) 803-9565

Technical Support: (760) 451-2723

http://www.gmpwebsite.com Email: info@gmpwebsite.com A - September 2013

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Specifications Subject to change without notice