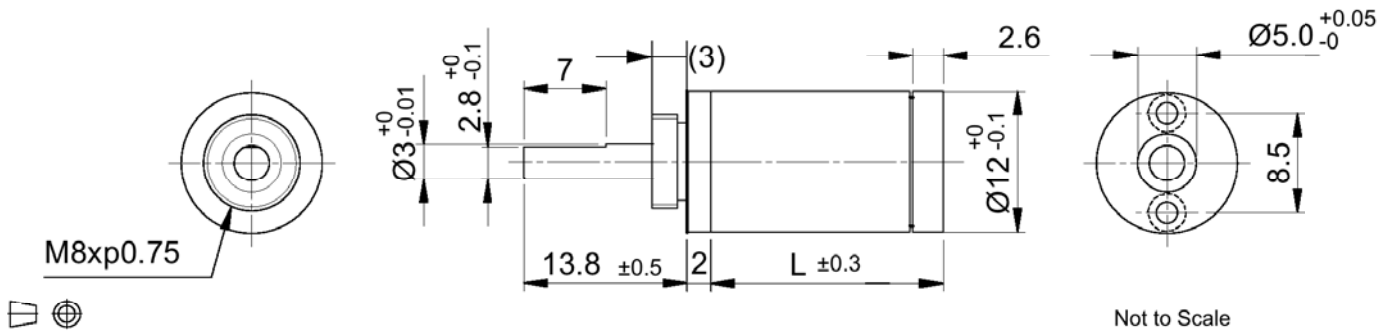


# Planetary Gearbox - 12 mm Ø



Global Motion Products

P12 •••• BS00



Dimensions in mm. Not to Scale

Ratio	Efficiency %	Continuous Torque mNm	Momentary Torque mNm	Length L mm	Mass grams	Direction of Rotation*	Order Part Number
4.0:1	85	78 mNm	235 mNm	12.90	12.8	Same	P120004AS01
16.0:1	75	118 mNm	353 mNm	16.50	14.7	Same	P120016AS01
64.0:1	65	157 mNm	471 mNm	19.80	16.8	Same	P120064AS01
256.0:1	55	177 mNm	530 mNm	23.10	18.9	Same	P120256AS01
1,024.0:1	45	196 mNm	588 mNm	26.40	21.0	Same	P121024AS01
4,096.0:1	40	196 mNm	588 mNm	29.70	23.1	Same	P124096AS01

Radial Load Rating ≤ 4.9 N  
 Radial Load Distance 8 mm  
 Axial Load ≤ 4.9 N  
 Press Fit Force - Max ≤ 14.7 N

Radial Play ≤ 0.05 mm  
 Thrust Play ≤ 0.20 mm  
 Backlash ≤ 3.0°

Max Temperature - 60°C  
 Min Temperature - -10°C  
 Relative Humidity - 20% to 80%

Bearing Type Sleeve

Options

Lubrication. Bearings. Coreless and Iron Core Motors. Motors with encoders. Wiring harness. Connectors.

\* Rotational Sense of Gearbox Output Shaft to Motor Shaft

Global Motion Products

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Specifications Subject to change without notice

RoHS Compliant