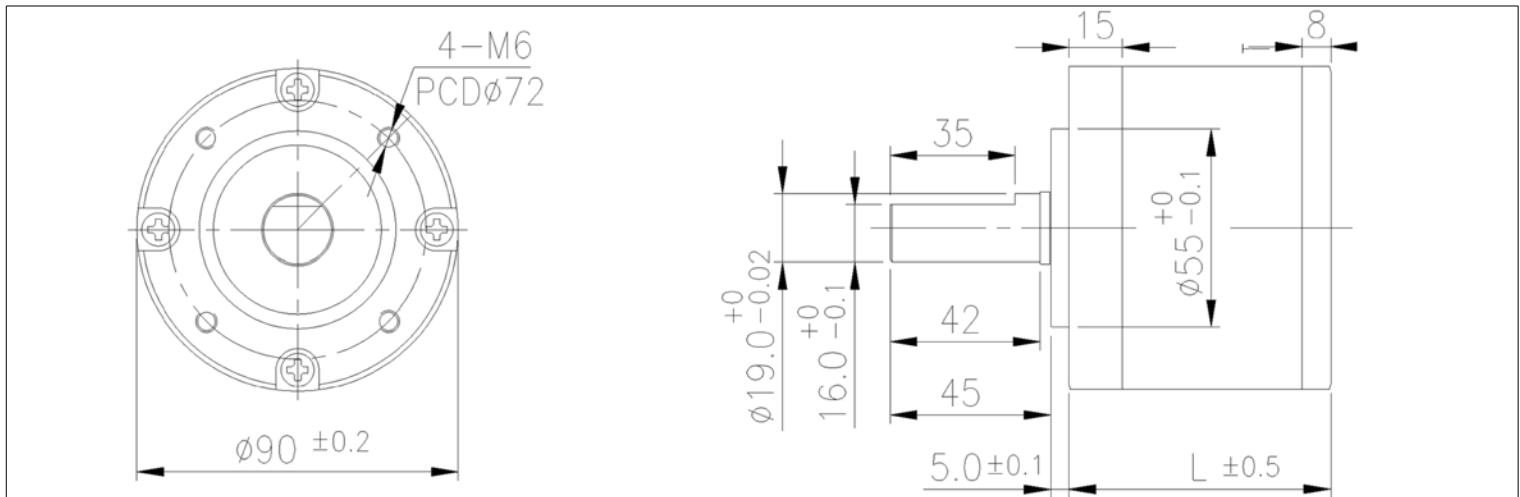


Planetary Gearbox - 90 mm Ø



Value Series - All Metal - 18 Nm Continuous

Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Ratio	Efficiency %	Continuous Torque mNm	Momentary Torque mNm	Length L mm	Mass grams	Direction of Rotation*	Order Part Number
3.6:1	80 %	1.96 Nm	5.88 Nm	57.30	1,670.0	Same	P900004AB00
14.6:1	70 %	7.85 Nm	23.54 Nm	73.80	2,230.0	Same	P900015AB00
18.8:1	70 %	7.85 Nm	23.54 Nm	73.80	2,230.0	Same	P900019AB00
52.5:1	60 %	14.71 Nm	44.13 Nm	90.30	2,800.0	Same	P900052AB00
59.8:1	60 %	14.71 Nm	44.13 Nm	90.30	2,800.0	Same	P900060AB00
76.7:1	60 %	14.71 Nm	44.13 Nm	90.30	2,800.0	Same	P900077AB00
98.4:1	60 %	14.71 Nm	44.13 Nm	90.30	2,800.0	Same	P900098AB00
201.2:1	50 %	17.65 Nm	52.96 Nm	106.80	3,370.0	Same	P900201AB00
294.0:1	50 %	17.65 Nm	52.96 Nm	106.80	3,370.0	Same	P900294AB00
402.7:1	50 %	17.65 Nm	52.96 Nm	106.80	3,370.0	Same	P900403AB00
516.8:1	50 %	17.65 Nm	52.96 Nm	106.80	3,370.0	Same	P900517AB00

Radial Load Rating	≤ 392.3 N	Radial Play	≤ 0.08 mm	Max Temperature Operating	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.40 mm	Min Temperature Operating	-10°C
Axial Load	≤ 98.1 N	Backlash	≤ 4.0 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max	≤ 980.7 N	Bearing	Ball		

The P90 is available as a complete gearmotor with Low Cost Iron Core dc motors, Brushless DC Motors, or Integral Electronics Brushless DC Motors. GMP offers gearboxes and gearmotors from 6 mm diameter to 90 mm Plus.

Options: Lubrication. Bearings. Brushless dc and Iron Core Motors. Motors with encoders. Wiring harness. Connectors. Integral Electronics Brushless DC motors.

* Rotational Sense of Gearbox Output Shaft to Motor Shaft