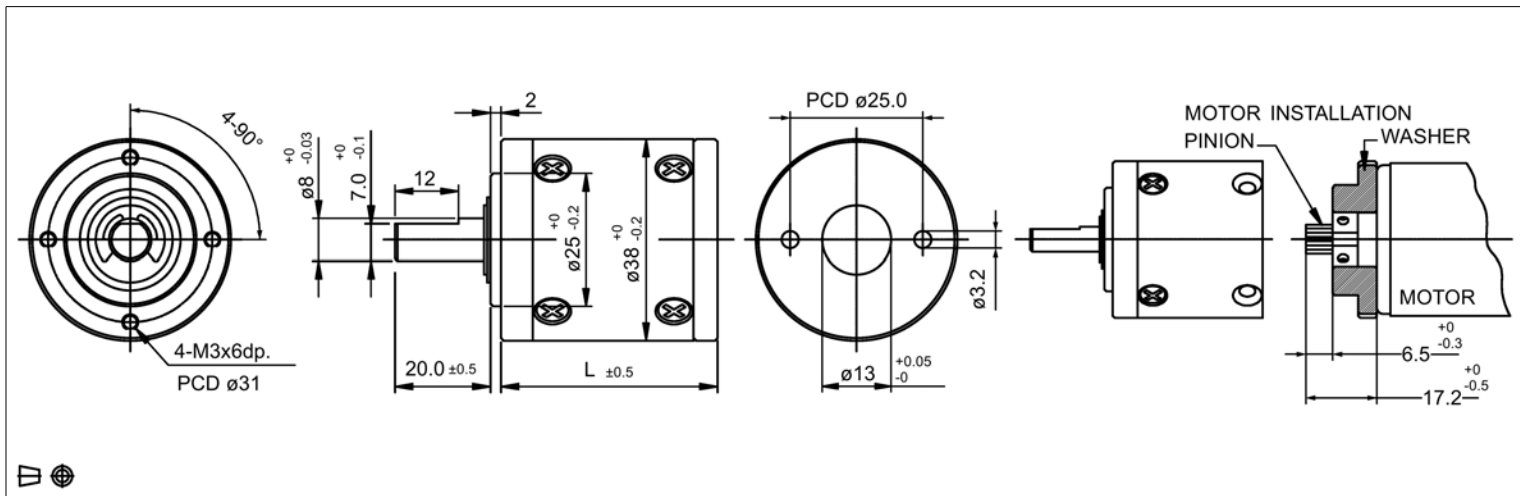


Planetary Gearbox - 38 mm Ø

All Metal - Ball Bearings - 2.9 Nm Continuous



Global Motion Products



Not to Scale - Dimensions in millimeters (mm)

Ratio	Efficiency %	Continuous Torque Nm	Continuous Torque oz-in	Length L mm	Mass grams	Direction of Rotation*	Order Part Number
3.71:1	80 %	0.29 Nm	41.7 oz-in	33.10	149.0	Same	P380004AB00
5.18:1	80 %	0.29 Nm	41.7 oz-in	33.10	149.0	Same	P380005AB00
13.73:1	70 %	0.78 Nm	111.1 oz-in	41.80	197.0	Same	P380014AB00
19.20:1	70 %	0.78 Nm	111.1 oz-in	41.80	197.0	Same	P380019AB00
26.85:1	70 %	0.98 Nm	138.9 oz-in	41.80	197.0	Same	P380027AB00
50.89:1	70 %	1.77 Nm	250.0 oz-in	50.50	245.0	Same	P380051AB00
71.16:1	60 %	1.96 Nm	277.7 oz-in	50.50	245.0	Same	P380071AB00
99.51:1	60 %	1.96 Nm	277.7 oz-in	50.50	245.0	Same	P380100AB00
139.14:1	60 %	1.96 Nm	277.7 oz-in	50.50	245.0	Same	P380139AB00
188.61:1	50 %	2.45 Nm	347.2 oz-in	59.20	293.0	Same	P380189AB00
263.73:1	50 %	2.45 Nm	347.2 oz-in	59.20	293.0	Same	P380264AB00
515.63:1	50 %	2.94 Nm	416.6 oz-in	59.20	293.0	Same	P380516AB00
720.99:1	50 %	2.94 Nm	416.6 oz-in	59.20	293.0	Same	P380721AB00

Radial Load Rating	≤ 78.5 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	≤ 29.4 N	Backlash	≤ 3.0 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max	≤ 147.1 N	Bearing	Ball	Characteristics and Specifications at 22°C	

The P38 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: Ball or Sleeve Bearings. Configurable for Customer Supplied or Specified Motors. Lubrication options. 16 Watt Iron Core DC motor available as a factory assembled option, with optional magnetic encoder. Brushless DC slotless 58 Watt Motor also offered.

* Rotational Sense of Gearbox Output Shaft to Motor Shaft

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