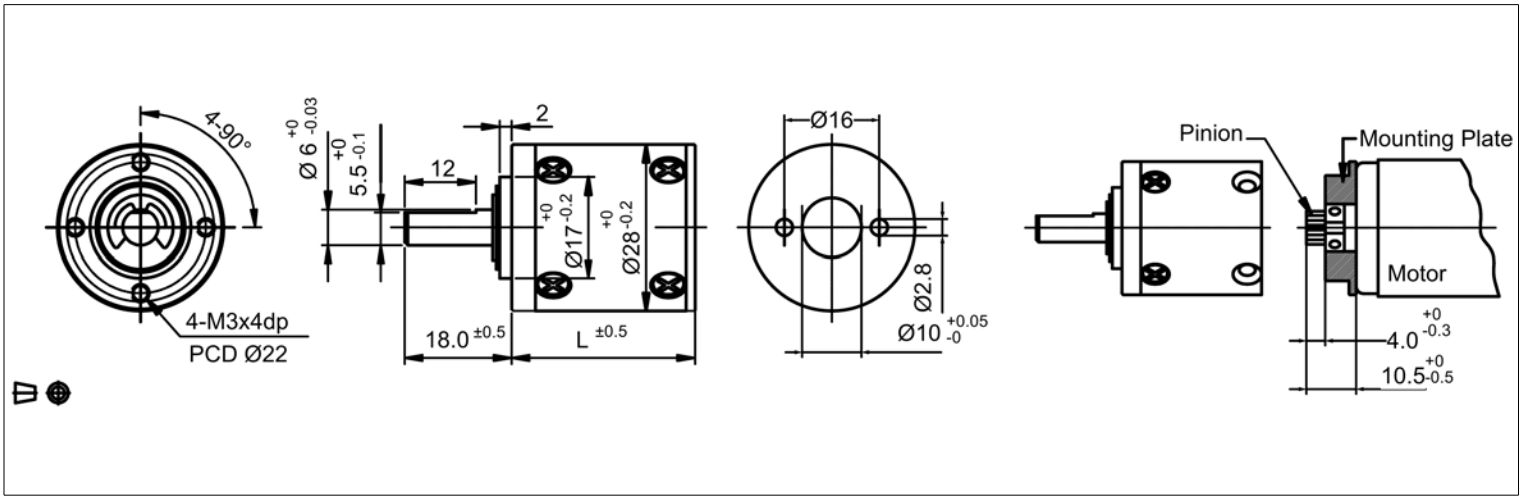
Planetary Gearbox - 28 mm Ø

Sleeve Bearing - Value Series - Metal Planetary

GMP
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 %	0.20 Nm	27.8 oz-in	24.50	71.0	Same	P280004AS00
5.18:1	80 %	0.20 Nm	27.8 oz-in	24.50	71.0	Same	P280005AS00
13.73:1	70 %	0.29 Nm	41.7 oz-in	30.90	81.0	Same	P280014AS00
19.20:1	70 %	0.29 Nm	41.7 oz-in	30.90	81.0	Same	P280019AS00
26.85:1	70 %	0.39 Nm	55.5 oz-in	30.90	81.0	Same	P280027AS00
34.98:1	70 %	0.39 Nm	55.5 oz-in	30.90	81.0	Same	P280035AS00
50.89:1	60 %	0.59 Nm	83.3 oz-in	37.30	94.0	Same	P280051AS00
71.16:1	60 %	0.59 Nm	83.3 oz-in	37.30	94.0	Same	P280071AS00
99.51:1	60 %	0.78 Nm	111.1 oz-in	37.30	94.0	Same	P280100AS00
139.14:1	60 %	0.78 Nm	111.1 oz-in	37.30	94.0	Same	P280139AS00
188.61:1	50 %	0.98 Nm	138.9 oz-in	43.70	108.0	Same	P280189AS00
263.73:1	50 %	0.98 Nm	138.9 oz-in	43.70	108.0	Same	P280264AS00
515.63:1	50 %	0.98 Nm	138.9 oz-in	43.70	108.0	Same	P280516AS00
720.99:1	50 %	0.98 Nm	138.9 oz-in	43.70	108.0	Same	P280721AS00

Radial Load Rating	≤ 29.4 N	Radial Play	≤ 0.08 mm	Max Temperature Operating	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Operating	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max	≤ 98.1 N	Bearing	Sleeve	Characteristsics 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: Lubrication. Ball or Sleeve Bearings. Coreless, Iron Core, and Brushless DC Motors. Plastic or metal gear first stage. Motors with integral encoders. Wiring harness. Connectors. Special shaft lengths and configurations.

* 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
http://www.gmpwebsite.com Email: info@gmpwebsite.com

Manufactured under a Certified ISO 9001 Quality System and ISO 14001 Environmental Management System.

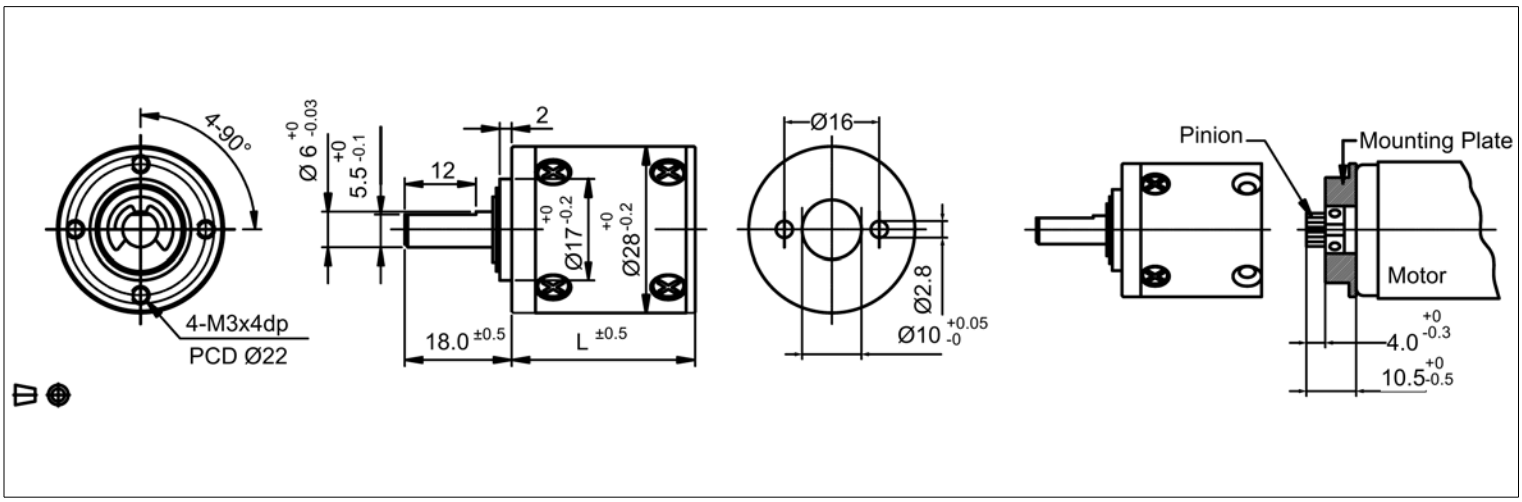
RoHS Compliant

A - May 2013

Planetary Gearbox - 28 mm Ø

Sleeve Bearing - Value Series - Metal Planetary

GMP
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
939.18:1	50 %	0.98 Nm	138.9 oz-in	43.70	108.0	Same	P280939AS00

Radial Load Rating	≤ 29.4 N	Radial Play	≤ 0.08 mm	Max Temperature Operating	60°C
Radial Load Distance	10 mm	Axial Play	≤ 0.30 mm	Min Temperature Operating	-10°C
Axial Load	≤ 24.5 N	Backlash	≤ 2.5 °	Relative Humidity Operating	20% to 85%
Press Fit Force - Max	≤ 98.1 N	Bearing	Sleeve	Characteristsics 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: Lubrication. Ball or Sleeve Bearings. Coreless, Iron Core, and Brushless DC Motors. Plastic or metal gear first stage. Motors with integral encoders. Wiring harness. Connectors. Special shaft lengths and configurations.

* 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
http://www.gmpwebsite.com Email: info@gmpwebsite.com

Manufactured under a Certified ISO 9001 Quality System and ISO 14001 Environmental Management System.

RoHS Compliant

A - May 2013