

Planetary Gearbox - 32 mm Ø

High Value - All Metal Construction



Dimensions in mm. Not to Scale

Ratio	Efficiency %	Continuous Torque Nm	Momentary Torque Nm	Length L mm	Mass grams	Direction of Rotation*	Order Part Number
4.0:1	80 %	0.20 Nm	0.59 Nm		101.0 grams	Same	P320004AB00
5.0:1	80 %	0.20 Nm	0.59 Nm		101.0 grams	Same	P320005AB00
14.0:1	70 %	0.39 Nm	1.18 Nm		121.0 grams	Same	P320014AB00
19.0:1	70 %	0.39 Nm	1.18 Nm		121.0 grams	Same	P320019AB00
27.0:1	70 %	0.59 Nm	1.77 Nm		121.0 grams	Same	P320027AB00
35.0:1	70 %	0.59 Nm	1.77 Nm		121.0 grams	Same	P320035AB00
51.0:1	60 %	0.78 Nm	2.35 Nm		146.0 grams	Same	P320051AB00
71.0:1	60 %	0.78 Nm	2.35 Nm		146.0 grams	Same	P320071AB00
100.0:1	60 %	0.98 Nm	2.94 Nm		146.0 grams	Same	P320100AB00
139.0:1	60 %	0.98 Nm	2.94 Nm		146.0 grams	Same	P320139AB00

Radial Load Rating ≤ 34.3 N
 Radial Load Distance 10 mm
 Axial Load ≤ 29.4 N
 Press Fit Force - Max ≤ 98.1 N

Radial Play ≤ 0.04 mm
 Axial Play ≤ 0.30 mm
 Backlash ≤ 2.5 °

Max Temperature - 60°C
 Min Temperature - -10°C
 Relative Humidity - 20% to 85%

Bearing Type Ball

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

Distributed by:

Precision Motion Distributors: (925) 803-9565

Technical Support: (760) 451-2723

<http://www.gmpwebsite.com> Email: info@gmpwebsite.com

RoHS Compliant

A - March 2011

Specifications Subject to change without notice

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189.0:1	50 %	1.18 Nm	3.53 Nm		172.0 grams	Same	P320189AB00
264.0:1	50 %	1.18 Nm	3.53 Nm		172.0 grams	Same	P320264AB00
516.0:1	50 %	1.18 Nm	3.53 Nm		172.0 grams	Same	P320516AB00
721.0:1	50 %	1.18 Nm	3.53 Nm		172.0 grams	Same	P320721AB00
939.0:1	50 %	1.18 Nm	3.53 Nm		172.0 grams	Same	P320939AB00

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