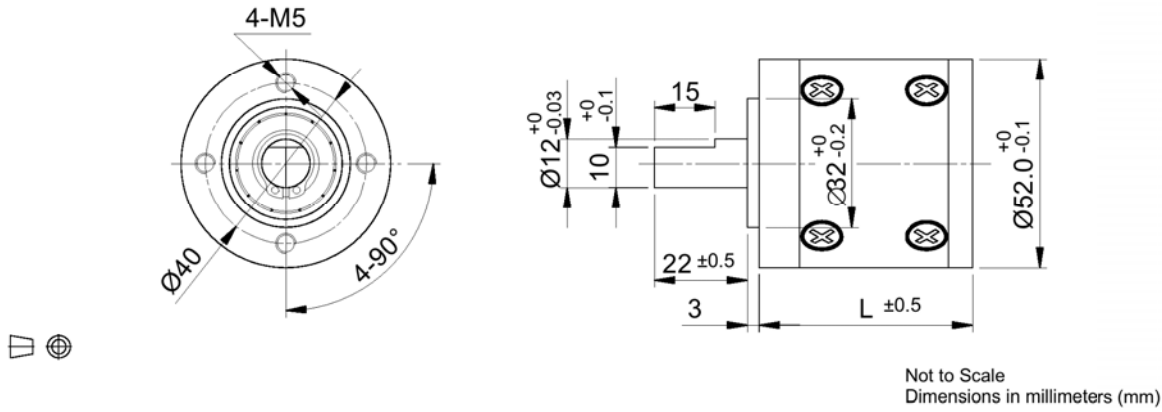


Planetary Gearbox - 52 mm Ø

P52 •••• AB00



Global Motion Products



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
3.5:1	80	1.47 Nm	4.41 Nm	53.00	475.0	Same	P520003AB00
4.3:1	80	1.47 Nm	4.41 Nm	53.00	475.0	Same	P520004AB00
12.2:1	70	4.90 Nm	14.71 Nm	68.50	660.0	Same	P520012AB00
15.0:1	70	4.90 Nm	14.71 Nm	68.50	660.0	Same	P520015AB00
18.8:1	70	4.90 Nm	14.71 Nm	68.50	660.0	Same	P520019AB00
21.0:1	70	4.90 Nm	14.71 Nm	68.50	660.0	Same	P520021AB00
26.0:1	70	4.90 Nm	14.71 Nm	68.50	660.0	Same	P520026AB00
42.9:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520043AB00
53.1:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520053AB00
65.7:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520066AB00

Radial Load Rating	≤ 196.1 N	Radial Play	≤ 0.04 mm	Max Temperature -	60°C
Radial Load Distance	10 mm	Thrust Play	≤ 0.30 mm	Min Temperature -	-10°C
Axial Load	≤ 98.1 N	Backlash	≤ 3.0 °	Relative Humidity -	20% to 80%
Press Fit Force - Max	≤ 294.2 N				

Bearing Type	Ball	Options	Lubrication. Bearings. Coreless and Iron Core Motors. Motors with encoders. Wiring harness. Connectors.
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* Rotational Sense of Gearbox Output Shaft to Motor Shaft

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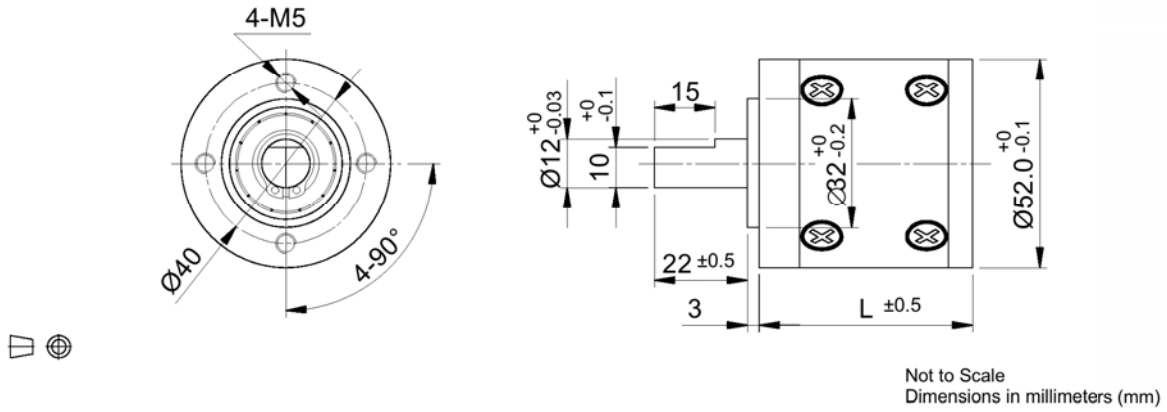
RoHS Compliant

Planetary Gearbox - 52 mm Ø

P52 •••• AB00



Global Motion Products



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
81.4:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520081AB00
100.3:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520100AB00
112.7:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520113AB00
126.0:1	60	9.81 Nm	29.42 Nm	84.00	850.0	Same	P520126AB00
150.1:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520150AB00
230.0:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520230AB00
284.8:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520285AB00
352.6:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520353AB00
488.2:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520488AB00
546.0:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520546AB00

Radial Load Rating	≤ 196.1 N	Radial Play	≤ 0.04 mm	Max Temperature -	60°C
Radial Load Distance	10 mm	Thrust Play	≤ 0.30 mm	Min Temperature -	-10°C
Axial Load	≤ 98.1 N	Backlash	≤ 3.0 °	Relative Humidity -	20% to 80%
Press Fit Force - Max	≤ 294.2 N				

Bearing Type	Ball	Options	Lubrication. Bearings. Coreless and Iron Core Motors. Motors with encoders. Wiring harness. Connectors.
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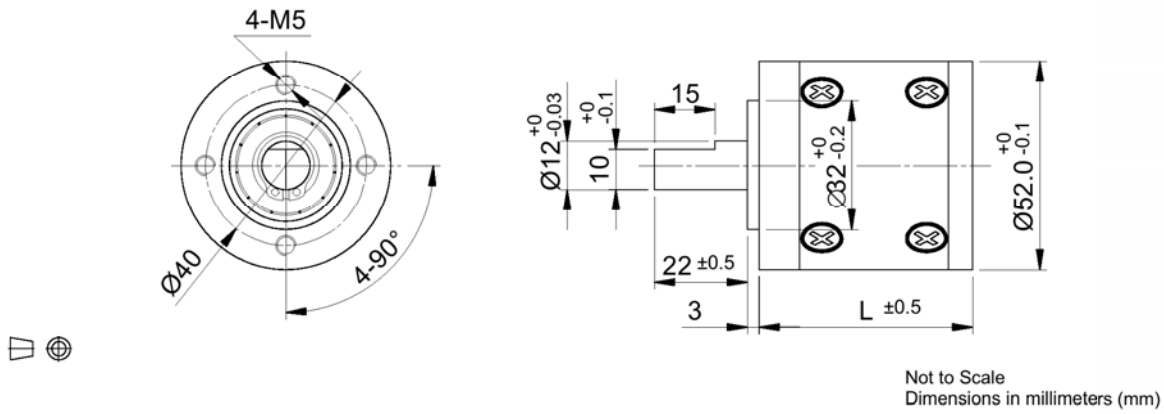
RoHS Compliant

Planetary Gearbox - 52 mm Ø

P52 •••• AB00



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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
676.0:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520676AB00
756.0:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520756AB00
936.0:1	50	9.81 Nm	29.42 Nm	99.50	1,020.0	Same	P520936AB00

Radial Load Rating ≤ 196.1 N
 Radial Load Distance 10 mm
 Axial Load ≤ 98.1 N
 Press Fit Force - Max ≤ 294.2 N

Radial Play ≤ 0.04 mm
 Thrust Play ≤ 0.30 mm
 Backlash ≤ 3.0 °

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

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

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A - January 2011

Specifications Subject to change without notice

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