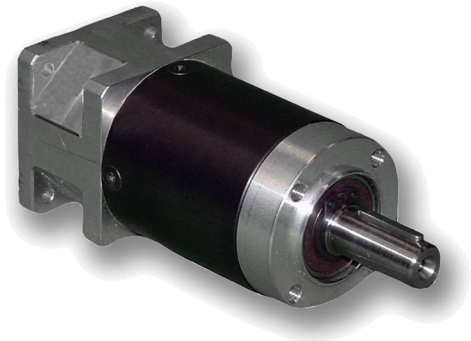


# GBPN-040 Series - Planetary Gearboxes



## FEATURES

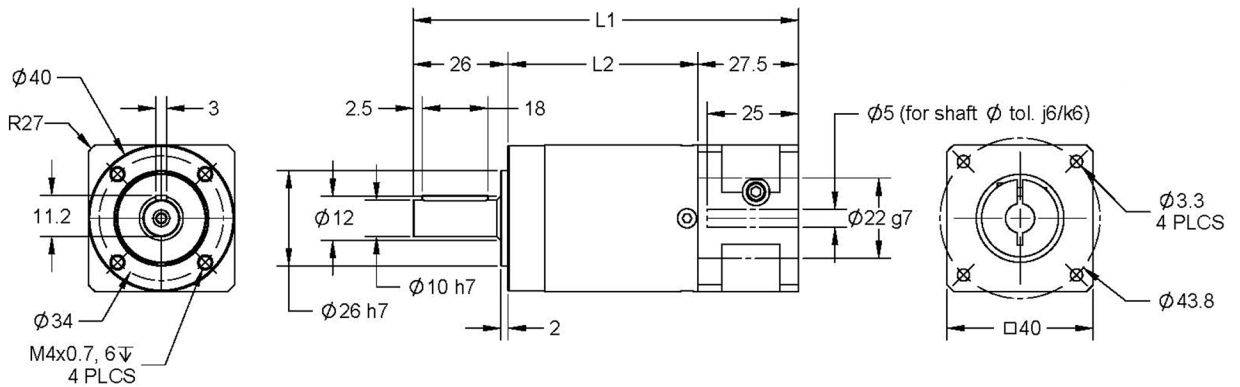
- Precision Planetary Gearboxes
- High Quality
- Low Backlash Planetary Gearboxes
- High Step Accuracy and Resolution
- Wide Selection of Gear Ratios
- Fits NEMA 17



## DESCRIPTION

Planetary Gearboxes for NEMA 17 stepper motors, dc motors, or servo motors. The GBPN-040 Series Planetary Gears were designed to be high quality and reliable in-line planetary gears. They are available in many sizes with gear ratios ranging from 3:1 to 512:1. These planetary gearboxes come in a one-piece housing that produce consistent low backlash with permissible peak input speeds up to 18,000 rpm.

## DIMENSIONS



L010438

Model #	Gear Ratio	Compatible NEMA Size	Nominal Rated Torque (oz-in)	Peak Input Speed (RPM)	Backlash (arcmin)	Running Noise (dB)	L1 Length (mm)	L2 Length (mm)
GBPN-0401-003-AA171-197	3	17	1,558	18,000	<24	55	92.38	38.86
GBPN-0401-004-AA171-197	4	17	2,124	18,000	<24	55	92.38	38.86
GBPN-0401-005-AA171-197	5	17	1,983	18,000	<24	55	92.38	38.86
GBPN-0401-008-AA171-197	8	17	850	18,000	<24	55	92.38	38.86
GBPN-0402-009-AA171-197	9	17	2,266	18,000	<28	55	105.33	51.82
GBPN-0402-012-AA171-197	12	17	2,832	18,000	<28	55	105.33	51.82
GBPN-0402-015-AA171-197	15	17	2,549	18,000	<28	55	105.33	51.82
GBPN-0402-016-AA171-197	16	17	2,832	18,000	<28	55	105.33	51.82
GBPN-0402-020-AA171-197	20	17	2,832	18,000	<28	55	105.33	51.82
GBPN-0402-025-AA171-197	25	17	2,549	18,000	<28	55	105.33	51.82
GBPN-0402-032-AA171-197	32	17	2,832	18,000	<28	55	105.33	51.82
GBPN-0402-040-AA171-197	40	17	2,549	18,000	<28	55	105.33	51.82
GBPN-0402-064-AA171-197	64	17	1,062	18,000	<28	55	105.33	51.82
GBPN-0403-060-AA171-197	60	17	2,832	18,000	<30	55	117.53	64.00
GBPN-0403-080-AA171-197	80	17	2,832	18,000	<30	55	117.53	64.00
GBPN-0403-100-AA171-197	100	17	2,832	18,000	<30	55	117.53	64.00
GBPN-0403-110-AA171-197	120	17	2,549	18,000	<30	55	117.53	64.00
GBPN-0403-160-AA171-197	160	17	2,832	18,000	<30	55	117.53	64.00
GBPN-0403-200-AA171-197	200	17	2,549	18,000	<30	55	117.53	64.00
GBPN-0403-256-AA171-197	256	17	2,832	18,000	<30	55	117.53	64.00
GBPN-0403-320-AA171-197	320	17	2,549	18,000	<30	55	117.53	64.00
GBPN-0403-512-AA171-197	512	17	1,062	18,000	<30	55	117.53	64.00