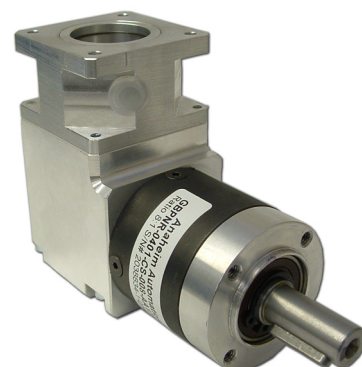


GBPNR-040x-CS Series



FEATURES

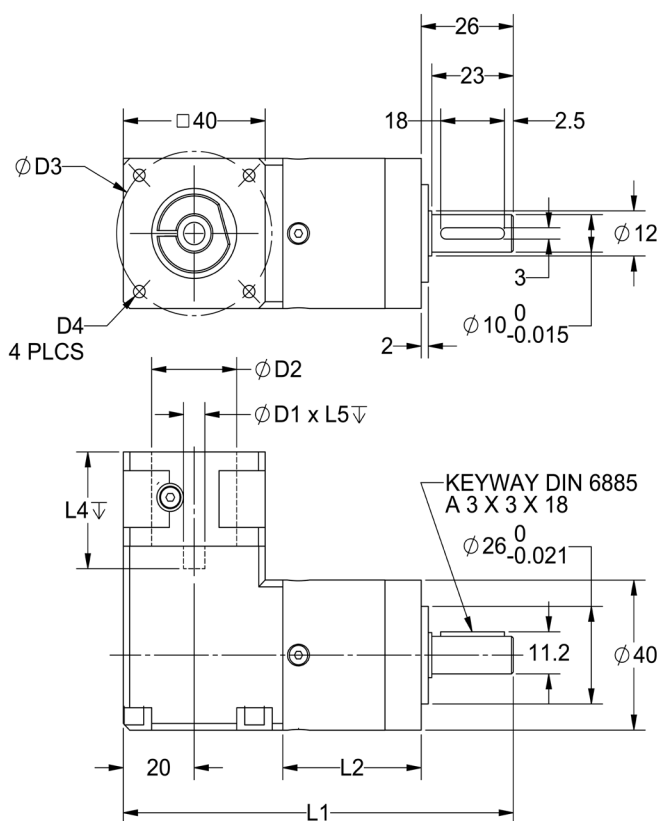
- **Gear Ratios From 3 to 512**
- **Backlash Lower Than 28 arc-min**
- **Available in 1, 2 and 3 Stage Models**
- **Lifetime Lubrication**
- **High Durability**



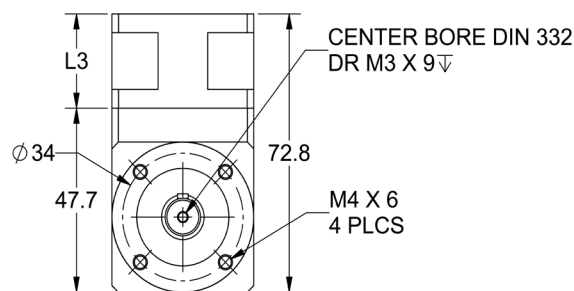
DESCRIPTION

The GBPNR-040x-CS Series right angle planetary gearbox offers you the precision you need at the prices you want! This right angle planetary gearbox is designed with very low backlash for motion control, automation, and robotic applications requiring precise position requirements. This right angle planetary gearbox will match your servo or stepping motor. It comes in 22 different gear ratios. Built with the design goal of offering a cost-effective product without sacrificing quality, you will find that this right angle planetary gearbox offers you an extraordinary value.

DIMENSIONS



ITEM	DESCRIPTION	MOTOR INTERFACE	
		AA171-197	SMH40-315
D1	Input Shaft Diameter	5	8
L4	Max Shaft Length	32	25
L3	Motor Mount Length	25.1	28.5
D2	Pilot Diameter	22	30
L5	Pilot Depth	3	3.4
D3	Mounting Bolt Hole Circle	43.8	45
D4	Bolt Hole Size	3.3 x thru	M3x7



Units in mm

L010520

Model #	Gear Ratio	Nominal Output Torque (oz-in)	Max Output Torque (oz-in)	Stages	Backlash Maximum (arcmin)	L1 Length (mm)	L2 Length (mm)	Weight (lbs)
GBPNR-0401-CS-003-xxxx-yyy	3	637	991	1	<21	110	39	1.12
GBPNR-0401-CS-004-xxxx-yyy	4	850	1416	1	<21	110	39	1.12
GBPNR-0401-CS-005-xxxx-yyy	5	1062	1700	1	<21	110	39	1.12
GBPNR-0401-CS-008-xxxx-yyy	8	850	1416	1	<21	110	39	1.12
GBPNR-0402-CS-009-xxxx-yyy	9	2336	3681	2	<25	123	52	1.35
GBPNR-0402-CS-012-xxxx-yyy	12	2832	4531	2	<25	123	52	1.35
GBPNR-0402-CS-015-xxxx-yyy	15	2549	4106	2	<25	123	52	1.35
GBPNR-0402-CS-016-xxxx-yyy	16	2832	4531	2	<25	123	52	1.35
GBPNR-0402-CS-020-xxxx-yyy	20	2832	4531	2	<25	123	52	1.35
GBPNR-0402-CS-025-xxxx-yyy	25	2549	4106	2	<25	123	52	1.35
GBPNR-0402-CS-032-xxxx-yyy	32	2832	4531	2	<25	123	52	1.35
GBPNR-0402-CS-040-xxxx-yyy	40	2549	4106	2	<25	123	52	1.35
GBPNR-0402-CS-064-xxxx-yyy	64	1062	1696	2	<25	123	52	1.35
GBPNR-0403-CS-060-xxxx-yyy	60	2832	4531	3	<28	135	64	1.6
GBPNR-0403-CS-080-xxxx-yyy	80	2832	4531	3	<28	135	64	1.6
GBPNR-0403-CS-100-xxxx-yyy	100	2832	4531	3	<28	135	64	1.6
GBPNR-0403-CS-120-xxxx-yyy	120	2549	4106	3	<28	135	64	1.6
GBPNR-0403-CS-160-xxxx-yyy	160	2832	4531	3	<28	135	64	1.6
GBPNR-0403-CS-200-xxxx-yyy	200	2549	4106	3	<28	135	64	1.6
GBPNR-0403-CS-256-xxxx-yyy	256	2832	4531	3	<28	135	64	1.6
GBPNR-0403-CS-320-xxxx-yyy	320	2549	4106	3	<28	135	64	1.6
GBPNR-0403-CS-512-xxxx-yyy	512	1062	1700	3	<28	135	64	1.6

Part numbers are based on the specifications of the motor being matched to the gearbox.

-xxxxx denotes motor pilot, -yyy denotes input shaft diameter.

For more information contact an Anaheim Automation Applications Engineer for assistance.

Radial Load:	44 lbs - Force	Axial Load:	44 lbs - Force
Operating Temperature:	-25° C - 90°C	Noise Level:	68 dB
Maximum Input Speed:	18,000 RPM	Design Life:	20,000 hours
Efficiency:	88% - 94%	IP Rating:	IP 54 / 55