

34PL100

NEMA 34 Planetary Gearhead

1pc. - 1,164.00
50pc. - 1,164.00



Product Features

- Available in 48 hour lead time
- True planetary design
- Low backlash design
- High strength steels
- High shaft loading capacity
- Sealed ball bearings
- Heat treated gears
- High efficiency design
- Other ratios available in 2-4 week lead time: 15, 16, 20, 22, 25, 30, 40, 49, 50, 55





Description

The 34PL100 planetary gearhead offers true planetary performance in a high torque, low backlash design. High strength, heated treated gears provide for efficient transmission of torque and accurate speed matching.

Specifications

Part Number:	34PL100
Frame Size:	NEMA 34
Ratio:	100:1
Torque, Nominal:	507 in-lb
Torque, Max Accel:	761 in-lb
Length:	5.31 inches
Weight:	8.0 lbs
Input Speed:	6500 rpm max
Backlash:	10
Low Backlash:	5
Operating Temperature:	-50 to 120 °C
Service Life:	> 10,000 hours
Efficiency:	85%
Inertia:	2.385E-03 oz-in-sec ²

Downloads

Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/34PL100.pdf
2D Drawing:	 34PL100_RevA.pdf
3D Drawing:	 34PL-2STG.igs

Pricing

	34PL100 Part No. 34PL100
1pc.	\$1,164.00
25pc.	
50pc.	
100pc.	Request a Quote for 100+ piece pricing.

Products in the Series *PL Gearheads*

Number	Frame Size	Ratio	Length	Output Torque	Backlash	1pc./50pc.
17PL010	NEMA 17	10:1	2.62	56	6	\$594.00 / \$594.00
23PL004	NEMA 23	4:1	2.66	360	6	\$594.00 / \$594.00
23PL005.5	NEMA 23	5.5:1	2.66	317	6	\$594.00 / \$594.00
23PL010	NEMA 23	10:1	2.66	119	6	\$594.00 / \$594.00
23PL028	NEMA 23	28:1	3.48	384	10	\$771.00 / \$771.00
23PL070	NEMA 23	70:1	3.48	288	10	\$771.00 / \$771.00
23PL100	NEMA 23	100:1	3.48	110	10	\$771.00 / \$771.00
34PL004	NEMA 34	4:1	4.19	1219	6	\$933.00 / \$933.00
34PL005.5	NEMA 34	5.5:1	4.19	1113	6	\$933.00 / \$933.00
34PL010	NEMA 34	10:1	4.19	552	6	\$933.00 / \$933.00
34PL028	NEMA 34	28:1	5.31	1346	10	\$1164.00 / \$1164.00
34PL070	NEMA 34	70:1	5.31	1027	10	\$1164.00 / \$1164.00
34PL100	NEMA 34	100:1	5.31	507	10	\$1164.00 / \$1164.00