

17VL010

NEMA 17 Planetary Gearhead

1pc. - 442.00
50pc. - 442.00



Product Features

- Available in 48 hour lead time
- True planetary design
- Compact design
- Sealed ball bearings
- Heat treated gears
- High efficiency design
- AGMA gear quality
- Other ratios available in 2-4 week lead time: 4, 5, 7





Description

The 17VL010 planetary gearhead offers true planetary performance in a value priced package. High strength, heated treated gears provide for efficient transmission of torque and accurate speed matching.

Specifications

Part Number:	17VL010
Frame Size:	NEMA 17
Ratio:	10:1
Torque, Nominal:	81 in-lb
Torque, Max Accel:	102 in-lb
Length:	2.41 inches
Weight:	0.8 lbs
Input Speed:	5000 RPM Max
Backlash:	12
Low Backlash:	0
Operating Temperature:	-40 to 120 °C
IP Rating:	IP54
Service Life:	> 10,000 hours
Efficiency:	90%
Inertia:	1.395E-10 oz-in-sec ²

Downloads

Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/17VL010.pdf
2D Drawing:	 17VL010_RevA.pdf
3D Drawing:	 17VL-1STG.igs

Pricing

	17VL010 Part No. 17VL010
1pc.	\$442.00
25pc.	
50pc.	
100pc.	Request a Quote for 100+ piece pricing.

Products in the Series VL Gearheads

Number	Frame Size	Ratio	Length	Output Torque	Backlash	1pc./50pc.
17VL010	NEMA 17	10:1	2.41	81	12	\$442.00 / \$442.00
23VL005	NEMA 23	5:1	2.46	195	12	\$442.00 / \$442.00
23VL010	NEMA 23	10:1	2.46	140	12	\$442.00 / \$442.00
23VL015	NEMA 23	15:1	3.14	210	16	\$575.00 / \$575.00
23VL025	NEMA 23	25:1	3.14	216	16	\$575.00 / \$575.00
23VL070	NEMA 23	70:1	3.14	179	16	\$575.00 / \$575.00
34VL005	NEMA 34	5:1	3.33	702	12	\$639.00 / \$639.00
34VL010	NEMA 34	10:1	3.33	530	12	\$639.00 / \$639.00
34VL015	NEMA 34	15:1	4.26	756	16	\$796.00 / \$796.00
34VL025	NEMA 34	25:1	4.26	778	16	\$796.00 / \$796.00
34VL070	NEMA 34	70:1	4.26	706	16	\$796.00 / \$796.00