

17VL100

NEMA 17 Planetary Gearhead



Product Features

- *True Planetary Design*
- *Compact Design*
- *Sealed Ball Bearings*
- *Heat Treated Gears*
- *High Efficiency Design*
- *AGMA Gear Quality*

Description

The 17VL100 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:	17VL100
Frame Size:	NEMA 17
Ratio:	100:1
Torque, Nominal:	81 in-lb
Torque, Max Accel:	102 in-lb
Torque, E-Stop:	153 in-lb
Length:	2.96 inches
Weight:	1.1 lbs
Input Speed:	5000 RPM Max
Backlash:	16
Low Backlash:	0
Operating Temperature:	-40 to 120 °C
Service Life:	> 10,000 hours
Efficiency:	85%
Inertia:	1.386E-10 oz-in-sec ²

Downloads

Product PDF - S3 Link:	http://s3.amazonaws.com/applied-motion-pdf/17VL100.pdf
2D Drawing:	 17VL-XXX_A.pdf  017VL2STG_3D.pdf
3D Drawing:	 17VL-2STG.igs