

Applied Motion Products, Inc.  
404 Westridge Dr.  
Watsonville, CA 95076, USA

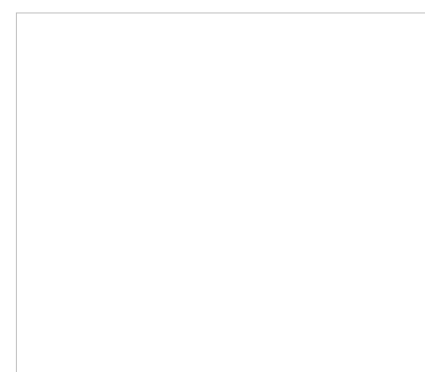
1-800-525-1609  
Tel (831) 761-6555

## Product Datasheet

[www.Applied-Motion.com](http://www.Applied-Motion.com)

# 17PN016

## NEMA 17 Planetary Gearhead



### Product Features

- True planetary design
- Low backlash design
- Input pinion with balanced clamp collar
- Quick installation
- Strong, caged roller bearings
- High efficiency design
- All gears are heat treated
- NEMA mounting standards

### Description

The 17PN016 planetary gearhead offers true planetary performance, efficient transmission of torque, and accurate speed matching.

### Specifications

Part Number:

17PN016

Frame Size:

NEMA 17

Ratio:

16:1

Torque, Nominal:

127 in-lb

Torque, Max Accel:

176 in-lb

Length:  
3.32 inches  
Weight:  
1.6 lbs  
Input Speed:  
5000 rpm max  
Backlash:  
14  
Low Backlash:  
9  
Operating Temperature:  
-50 to 120 °C  
Service Life:  
> 10,000 hours  
Efficiency:  
85%  
Inertia:  
1.352E-04 oz-in-sec<sup>2</sup>

## Downloads

Product PDF - S3 Link:

<http://s3.amazonaws.com/applied-motion-pdf/17PN016.pdf> [10]

2D Drawing:

[17PN-XXX\\_A.pdf](#) [2]

[017pn2stg\\_3D.pdf](#) [11]

3D Drawing:

[17PN\\_2STAGE.igs](#) [12]