

## 17PL016

NEMA 17 Planetary Gearhead



### **Product Features**

- *True planetary design*
- *Low backlash design*
- *High strength steels*
- *High shaft loading capacity*
- *Sealed ball bearings*
- *Heat treated gears*
- *High efficiency design*
- *2-3 week lead time*

### Description

The 17PL016 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

<b>Part Number:</b>	17PL016
<b>Frame Size:</b>	NEMA 17
<b>Ratio:</b>	16:1
<b>Torque, Nominal:</b>	169 in-lb
<b>Torque, Max Accel:</b>	264 in-lb
<b>Length:</b>	3.28 inches
<b>Weight:</b>	1.6 lbs
<b>Input Speed:</b>	6500 rpm max
<b>Backlash:</b>	10
<b>Low Backlash:</b>	0
<b>Operating Temperature:</b>	-50 to 120 °C
<b>Service Life:</b>	>10,000 hours
<b>Efficiency:</b>	85%
<b>Inertia:</b>	1.045E-04 oz-in-sec <sup>2</sup>
<b>Quick Delivery:</b>	No

## Downloads

**Product PDF - S3 Link:**

<http://s3.amazonaws.com/applied-motion-pdf/17PL016.pdf>

**2D Drawing:**

 [17PL-XXX\\_A.pdf](#)  
 [017plx2stg\\_3D.pdf](#)

**3D Drawing:**

 [17PL-2STG.igs](#)