

## 17PN040

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 17PN040 planetary gearhead offers true planetary performance, efficient transmission of torque, and accurate speed matching.

## Specifications

<b>Part Number:</b>	17PN040
<b>Frame Size:</b>	NEMA 17
<b>Ratio:</b>	40:1
<b>Torque, Nominal:</b>	131 in-lb
<b>Torque, Max Accel:</b>	181 in-lb
<b>Length:</b>	3.32 inches
<b>Weight:</b>	1.6 lbs
<b>Input Speed:</b>	5000 rpm max
<b>Backlash:</b>	14
<b>Low Backlash:</b>	9
<b>Operating Temperature:</b>	-50 to 120 °C
<b>Service Life:</b>	> 10,000 hours
<b>Efficiency:</b>	85%
<b>Inertia:</b>	1.132E-04 oz-in-sec <sup>2</sup>

## Downloads

<b>Product PDF - S3 Link:</b>	<a href="http://s3.amazonaws.com/applied-motion-pdf/17PN040.pdf">http://s3.amazonaws.com/applied-motion-pdf/17PN040.pdf</a>
<b>2D Drawing:</b>	 <a href="#">17PN-XXX_A.pdf</a>  <a href="#">017pn2stg_3D.pdf</a>
<b>3D Drawing:</b>	 <a href="#">17PN_2STAGE.igs</a>