

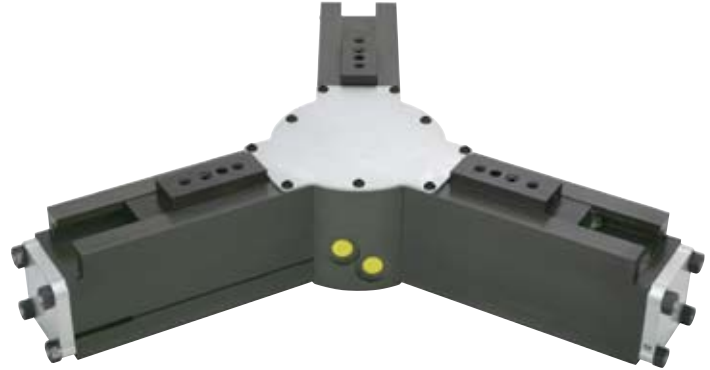


# Heavy Duty, Long Jaw Travel 3 Jaw Grippers

ML# 305420, 305840, 306476, 307267

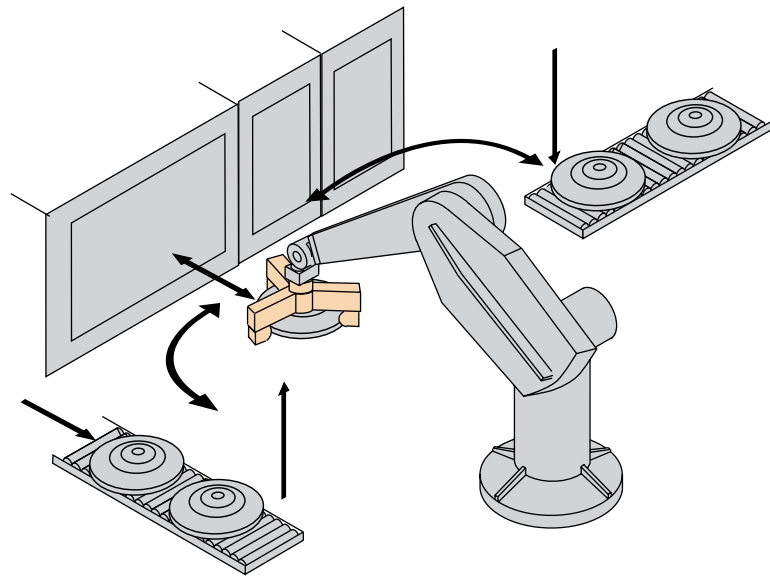
## BENEFITS

- Has longer jaw travel than the standard Series GRT Gripper.
- Designed for gripping large, round parts that vary in size.
- Incorporates direct mounting to a robot without the use of transition plates.
- Rugged jaw and body construction can withstand high impact and shock loads.
- Dowel pin holes on jaws provided for accurate tooling location.
- Provides high grip force and high moment loading capacity.
- Synchronized jaw movement
- Shock pads provide smooth end of stroke deceleration.
- Designed and manufactured by PHD, Inc. USA  
Fifty years of automation solutions experience
- Local/Worldwide Sales, Service, and Support
- Other mounting patterns available



## SPECIFICATIONS

Force per Jaw: 53-852 lb @ 100 psi [235-3790 N @ 6.9 bar]  
 Jaw Travel: Various jaw travels available, contact PHD  
 Body: Hardcoat Aluminum  
 Jaws: Hardened Tool Steel

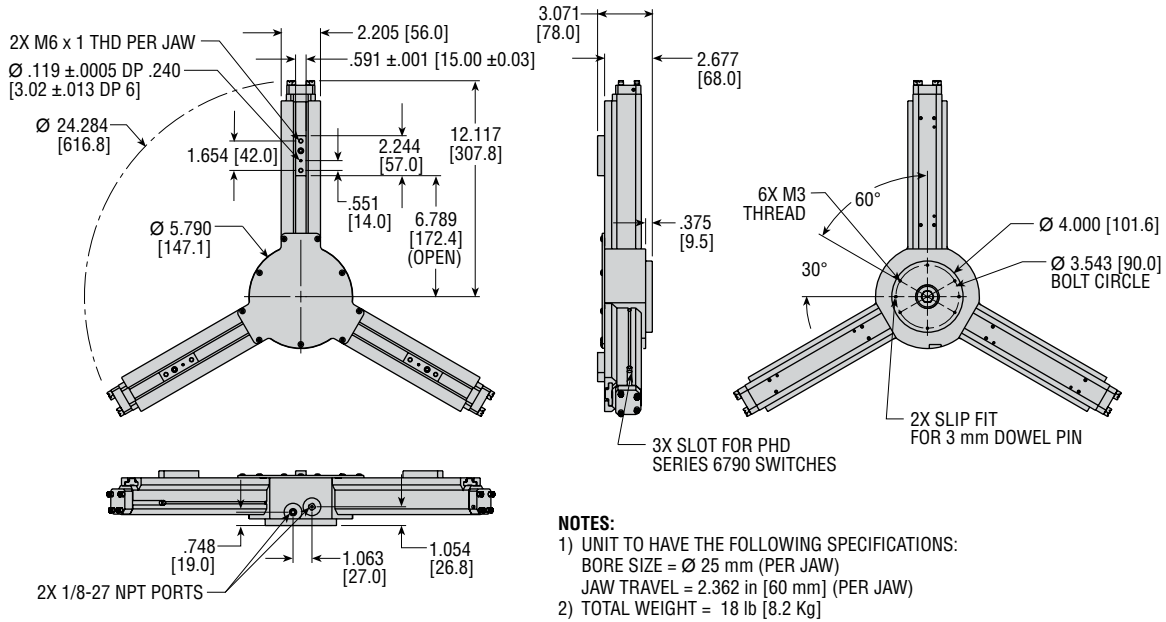


CP305420<sup>B</sup>

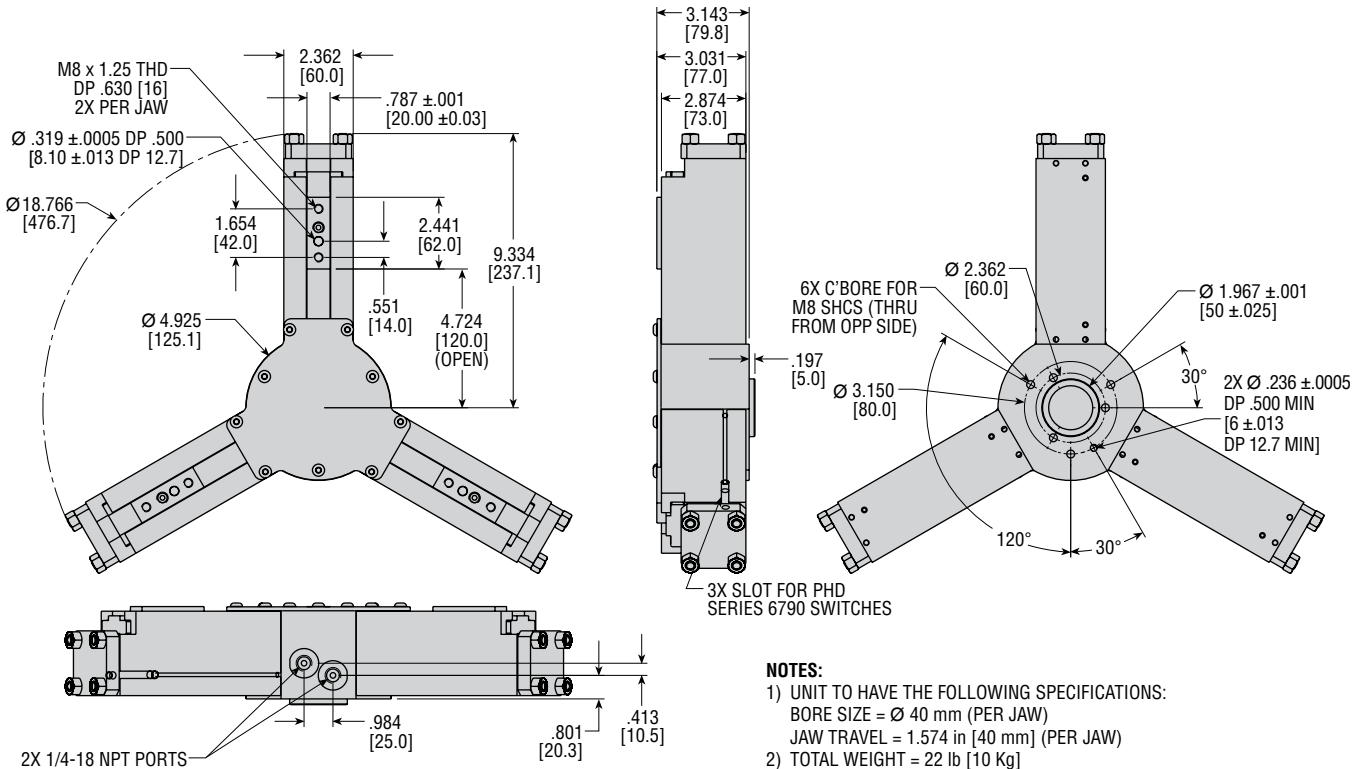


# DIMENSIONS: HEAVY DUTY 3 JAW GRIPPER

## ML#305840 25 mm bore

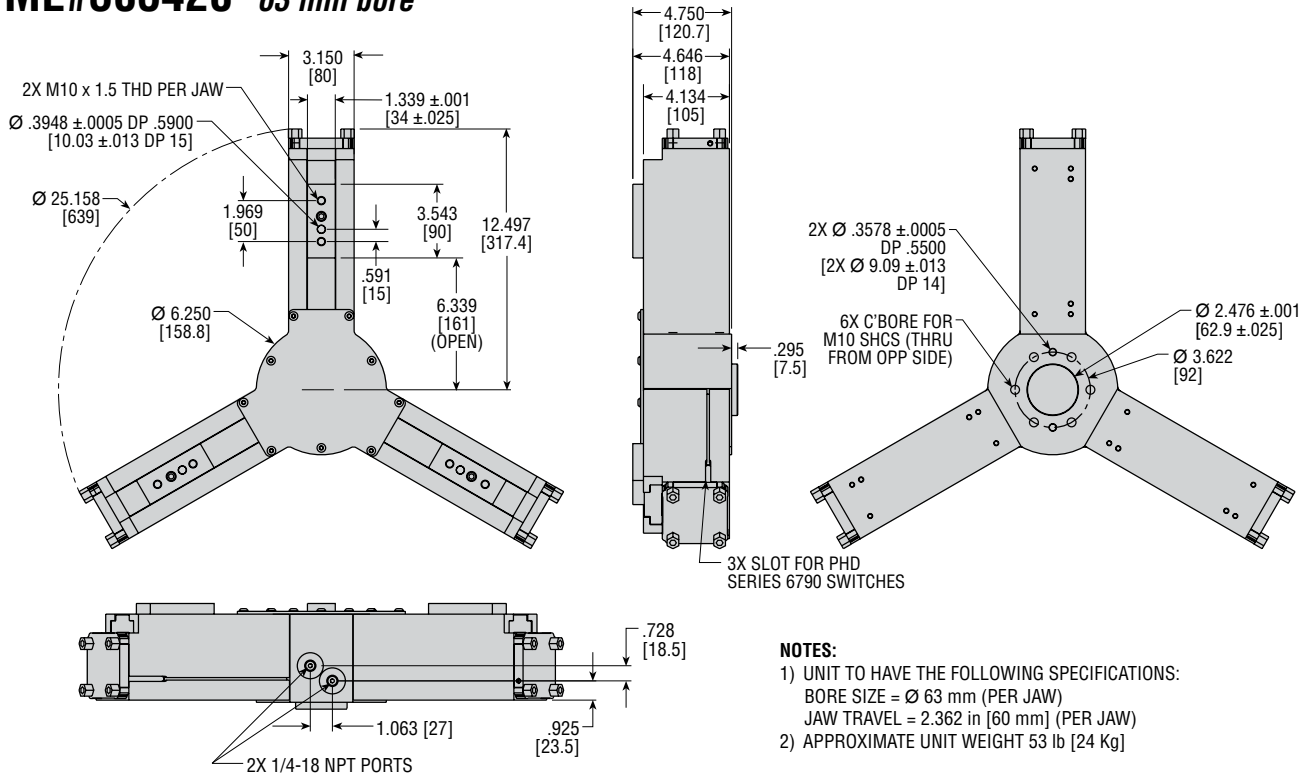


## ML#307267 40 mm bore

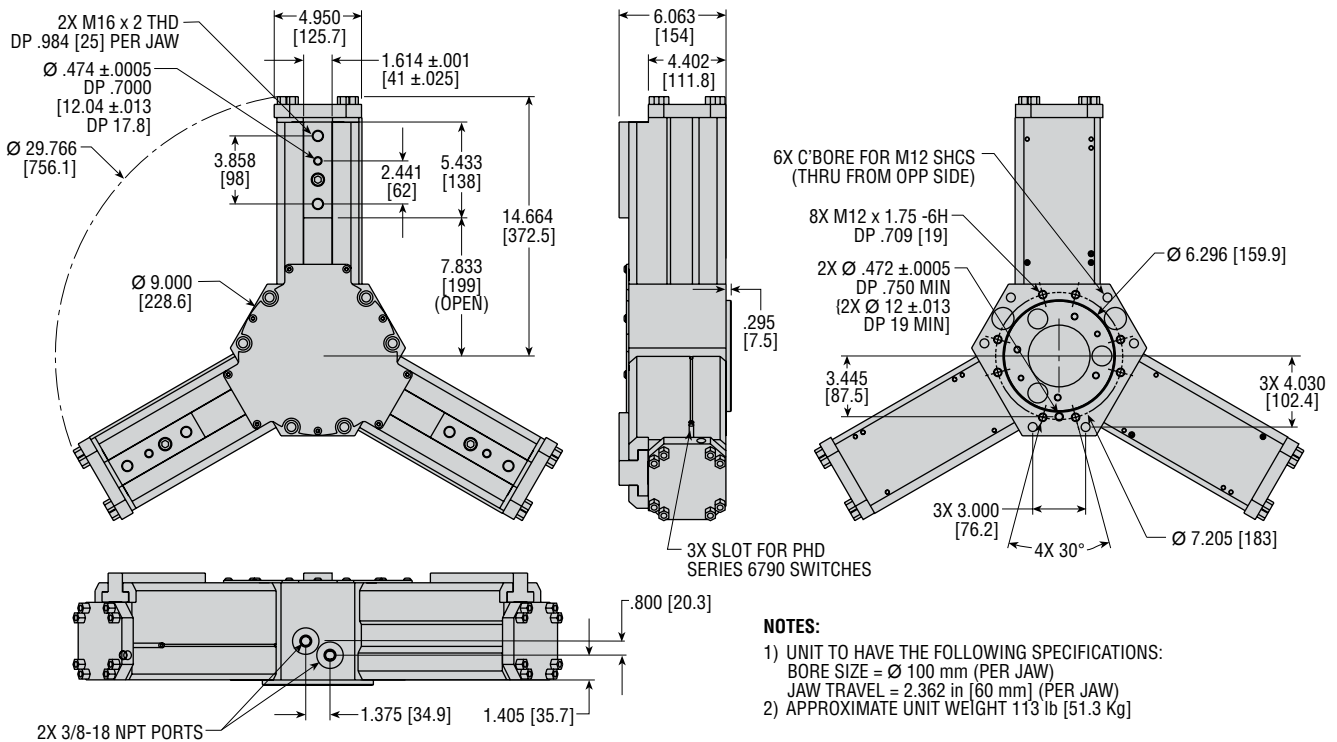


# DIMENSIONS: HEAVY DUTY 3 JAW GRIPPER

## ML#305420 63 mm bore



## ML#306476 100 mm bore



# OTHER CUSTOM PRODUCTS



## CAPABILITIES

- Most quotes delivered within eight working hours
- Dedicated application assistance
- 24 hours a day, 7 days a week service
- Fast delivery
- Our separate custom products engineering and manufacturing areas are dedicated to our customers, ensuring prompt quotes and dependable delivery dates.
- Over 30,000 customs provided and over 100,000 quotes in our database
- Competitive pricing

## QUOTES ONLINE - AS EASY AS 1-2-3

Quoting a custom actuator is as easy as going online. Our site allows you to enter information about your order before submitting it to PHD. It also allows the addition of more quotes without filling out general contact information.

You will be asked a series of questions about your application requirements and after submitting them, an MDN representative will contact you with a quote.

Quoting request available 24 hours a day, seven days a week.

Visit PHD's website and try it today.

[www.phdinc.com/customproducts](http://www.phdinc.com/customproducts)

- No minimum quantities are required.
- CAD files available prior to ordering.
- Geared towards short-run requests.
- All units receive a custom products number when ordered. This number, along with all specifications, is kept on permanent record at PHD for future reference and reorders.
- Over 70 million combinations beyond the wide range of standard catalog units to meet your specific requirements and specifications.

### 80 mm Bore GRW Gripper



• Designed for foundry/harsh environment type applications. Provides very high grip force with spring assist close. Also incorporates internal scrapers which eliminate the need for bellows that can tear.

### Micro Precision Gripper



• Miniature, narrow design and precision jaw movement make this gripper ideal for small component assembly. Optional Hall Sensor is available for sensing up to four positions.

### PET Replacement Gripper



• Features PET body and cover with stainless steel jaws, jaw driver, and fasteners; providing protection in deionized water applications and eliminates the need for protective jaw boots.

### Volumetric Pump



• Volumetric pumps displace various types of liquids at specific volumes.

### Cylinders with MAC Valves



• A MAC valve is mounted on the cylinder to provide increased speed of actuation, convenience, and reduction of plumbing.

### Manifold Style Cylinders



• Banks of cylinders with MAC valves provide a compact solution. The valves mount directly to the cylinders which increases cycle speed and ease of operation.

### SxL/SxH Slide with MAC Valve



• Slide incorporates a MAC valve to provide faster response time.

### Low Profile SE Slide



• Features an internal bore and provides an extremely compact, low profile design.