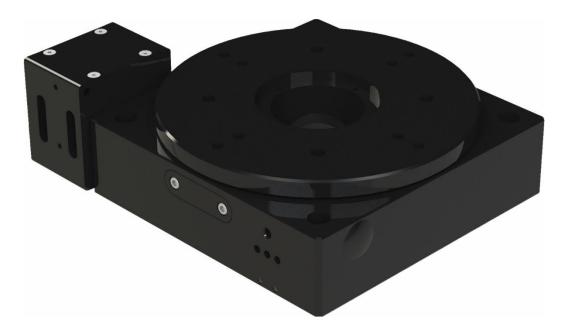


## **PR150 Worm Gear Driven Rotary Stage**

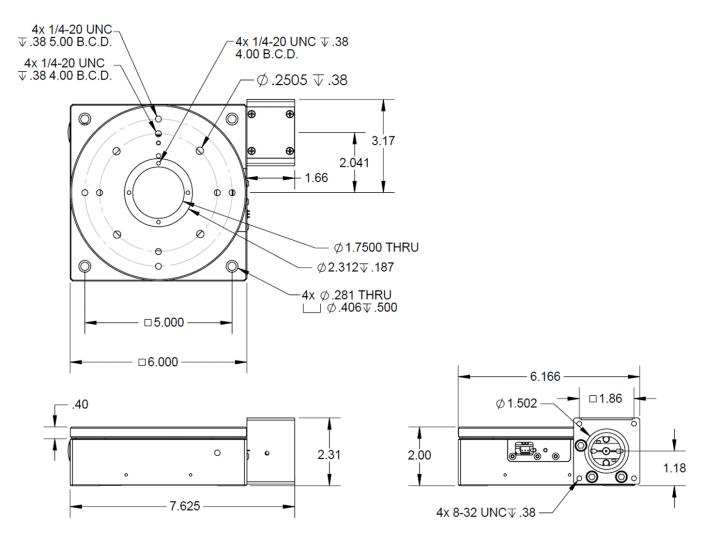


The PR150 is a worm gear driven rotary stage with a NEMA23 motor mount. Position information is by motor count, or a motor mounted rotary encoder. A high load capacity, good stiffness, and precise rotation are obtained through the use of a large, circular crossed roller bearing. Custom configurations are available such motor mounts for 5 phase stepper motors.

Specifications	
Load Capacity	25 kg
Stage Weight	4 kg
Accuracy	±0.045°
Bi-Directional Repeatability	±0.030°
Concentricity of Rotation	±6.0µm
Concentricity of Center Bore/Hub	±8.0µm
Flatness of Rotation (TIR) at 75mm Radius	±5.0µm
Standard Worm Gear Ratio	45:1
Home	Optical Switch

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