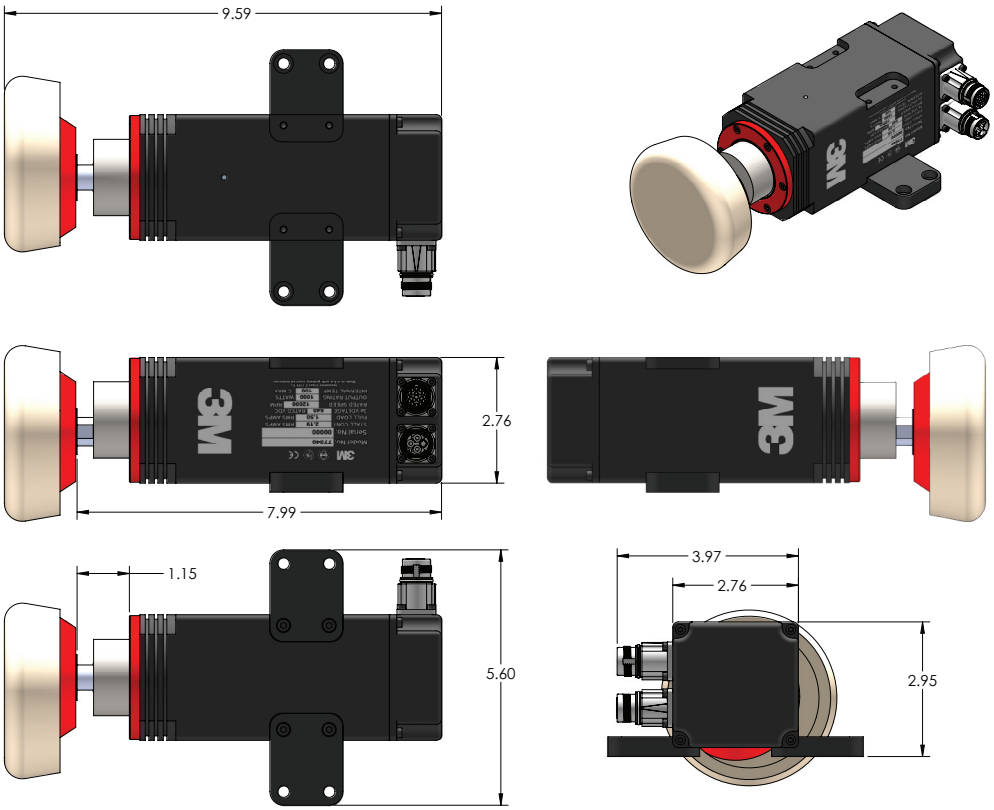
3M™ Servo Random Orbital Buffer

Technical Data Sheet

Effective Date: October 29, 2020

Product Name	**3M™ Servo Random Orbital Buffer – PN77540**
Product Description	The 3M™ Servo Random Orbital Buffer is designed for use as part of the 3M™ Robotic Paint Repair System, as well as other robotic buffing applications. Technical features include: • Servo motor capable of delivering consistent and controllable speeds under different applied forces • 12,000 max RPM rating and a 1/2" (13mm) counterbalance • Compact design enables two tools (3M™ Servo Random Orbital Sander, or a 3M™ Servo Random Orbital Buffer) on a single 3M™ Active Complaint Tool, which may help lower total system costs



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Applications	• Sanding • Paint finishing
Specifications	*Mounting:* Direct bolt to 3M Active Compliant Tool *Dimensions:* 7.99" (203mm) long, 5.60" (142mm) wide, 2.76" (70.1mm) tall *Power Requirement:* Max 250V 20A 50/60hz *Speed (RPM):* 12,000 *Max Voltage:* 640 VDC BUS *Motor Power:* 2.1 KW *Disc Size:* 3-3/4" max (95mm) *Orbit Diameter:* 1/2" (12mm) *Environment Temperature:* 10–50°C (50–122°F)
Weight	7 lbs (3.2kg)* *depending on configuration

Specifications subject to change without notice. These values are based on measurements taken in a laboratory environment. Real-world results may vary due to external factors beyond 3M's control.

Have questions? Ask the 3M Robotics Abrasives Experts at 1-800-803-9104.

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