

# Grange Square Ltd

## Air Motor Technical Data Sheet

Motor Model:

# 36ML-500

High torque Air Motor with 2 stage valve, 5mm auxiliary/ 'dead mans valve' and adjustable speed control.



<b>Technical Data</b>	
<b>Power</b>	<b>0.33hp/0.25kW</b>
<b>No Load Speed</b>	<b>650 RPM</b>
<b>Nominal Speed Range</b>	<b>400-600 RPM</b>
<b>Stall Torque</b>	<b>&gt;10Nm</b>
<b>Nominal Torque Range</b>	<b>4-8Nm</b>
<b>Direction of Rotation</b>	<b>Clockwise</b>
<b>Lubricated Operation?</b>	<b>Lube &amp; Non-Lube available</b>
<b>Operation</b>	<b>2 Stage Valve by lever</b>
<b>Air Input</b>	<b>1/4" BSP</b>
<b>Aux Air Port</b>	<b>Yes, for 5mm OD pipe, operated by lever</b>
<b>Exhaust Direction</b>	<b>Front</b>
<b>Mounting Detail</b>	<b>External Clamp on Body (Not Included)</b>
<b>Weight</b>	<b>834 grams</b>
<b>Body Diameter</b>	<b>40mm</b>
<b>Length</b>	<b>197mm</b>
<b>Default Construction</b>	<b>Aluminium with steel and brass components.</b>
<b>Stainless Steel Components?</b>	<b>Custom components available</b>
<b>Output Shaft</b>	<b>3/8" UNF external shaft w/5mm internal hex</b>
<b>Features</b>	<b>High torque, multiple port 2-stage valve, adjustable speed control</b>
<b>Optional extras</b>	<b>Bespoke output shaft, 1 stage valve, no aux port or speed control, leverless operation, anti-clockwise &amp; reversible.</b>
<b>All data relative to 6 bar working pressure</b>	

**36ML~500**  
**Performance at 6 Bar Air Pressure**



