

# Grange Square Ltd

## Air Motor Technical Data Sheet

Motor Model:

# 37ML-4000B

Low torque, high speed Air Motor with 1 stage valve.



<b>Technical Data</b>	
<b>Power</b>	<b>0.33hp/0.25kW</b>
<b>No Load Speed</b>	<b>4100 RPM</b>
<b>Nominal Speed Range</b>	<b>2000-4000 RPM</b>
<b>Stall Torque</b>	<b>2.2Nm</b>
<b>Nominal Torque Range</b>	<b>0.2 - 1Nm</b>
<b>Direction of Rotation</b>	<b>Clockwise</b>
<b>Lubricated Operation?</b>	<b>Lube &amp; Non-Lube available</b>
<b>Operation</b>	<b>1 Stage Valve by lever</b>
<b>Air Input</b>	<b>1/4" BSP</b>
<b>Aux Air Port</b>	<b>N/A</b>
<b>Exhaust Direction</b>	<b>Rear</b>
<b>Mounting Detail</b>	<b>2 hole rotatable flange</b>
<b>Weight</b>	<b>708 grams</b>
<b>Body Diameter</b>	<b>40mm</b>
<b>Length</b>	<b>145mm</b>
<b>Default Construction</b>	<b>Aluminium with steel details.</b>
<b>Stainless Steel Components?</b>	<b>Custom components available</b>
<b>Output Shaft</b>	<b>M12 thread shaft with 4mm internal hex</b>
<b>Features</b>	<b>Low torque range with high operating speeds.</b>
<b>Optional extras</b>	<b>Bespoke output shaft, 2 stage valve, auxiliary port &amp; speed control, leverless operation, anti-clockwise or reversible.</b>

**All data relative to 6 bar working pressure**

## 37MIL-4000B Performance at 6 Bar air pressure





