

# Grange Square Ltd

## Air Motor Technical Data Sheet

Motor Model:

# 36ML-4000M

Medium torque 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>4000 RPM</b>   |
| <b>Nominal Speed Range</b>                         | <b>2000-4000 RPM</b>  |
| <b>Stall Torque</b>                                | <b>3.4Nm</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>Internal Valve by lever</b>  |
| <b>Air Input</b>                                   | <b>1/4" BSP</b>   |
| <b>Aux Air Port</b>                                | <b>Not as standard, Optional</b>  |
| <b>Exhaust Direction</b>                           | <b>Front</b>  |
| <b>Mounting Detail</b>                             | <b>3/8" UNF Thread</b>  |
| <b>Weight</b>                                      | <b>652 grams</b>  |
| <b>Body Diameter</b>                               | <b>40mm</b>   |
| <b>Length</b>                                      | <b>172mm</b>  |
| <b>Default Construction</b>                        | <b>Aluminium with stainless steel and brass components.</b>   |
| <b>Stainless Steel Components?</b>                 | <b>Yes, multiple.</b>   |
| <b>Output Shaft</b>                                | <b>3/8" UNF external shaft w/5mm internal hex</b>   |
| <b>Features</b>                                    | <b>Medium torque, high speed. Motor is free to turn on mounting thread</b>  |
| <b>Optional extras</b>                             | <b>Bespoke output shaft, 2 stage valve, aux port or speed control, lever-less operation, anti-clockwise &amp; reversible.</b> |
| <b>All data relative to 6 bar working pressure</b> |   |

**36MIL-4000M**  
**Performance at 6 Bar air pressure**



