



## Specification Sheet: PROF-SYNABOXED Synchronous Motor

### Product Overview

The PROF-SYNABOXED Pro Force Synchronous Motor is a compact synchronous motor and gearbox unit designed as a universal replacement for motorised heating control valves. Compatible with Pro Force's 2-port and mid-position valve ranges, it also fits a variety of other spring return valves. It is ideal for use in residential and light commercial heating systems.

### Technical Specifications

Motor Type	Synchronous motor & gearbox unit
Output Speed	4 RPM
Power Supply	230V AC, 50Hz
Power Consumption	6W
Connection Lead	150mm 2-core flying lead
Connectors	Insulated crimp connectors supplied
Fixing Method	Integrated lugs for mechanical fixing

### Compatibility

The PROF-SYNABOXED synchronous motor is designed as a versatile and reliable replacement for a wide range of 2-port zone valves and mid-position valves. Engineered for compatibility with most leading central heating systems that utilise motor open/spring return mechanisms, it offers a seamless fit and dependable performance without the need for brand-specific modifications. Ideal for both direct replacements and retrofit applications, the PROF-SYNABOXED motor ensures smooth integration across a broad spectrum of industry-standard valve configurations. It is suitable for most other leading brands using motor open/spring return mechanisms.

### Installation Notes

- Ensure power is isolated before installation.
- Use the integrated lugs for secure mounting.
- Connect using supplied crimp connectors.
- Verify correct operation by cycling the valve post-installation.