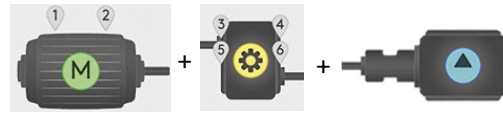


### 1. Template Composition

Each template is composed of:

- An electric Motor
- Optional: A Transmission
- A driven Component

Example of a Motor and pump with a 1-stage gearbox transmission.



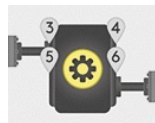
Notes:-

- Vertical and Horizontal machines use the same templates.
- For Belt, Pulley and chain transmission, use the same templates.
- The language of the machine is linked to the template. Multiple languages are available on the USB stick delivered with the instrument.
- For machines that are not in the standard templates, a template named "OtherMachine" can be used to carry out the measurements.

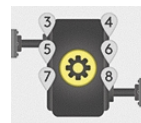
### 2. Types of Transmissions Available



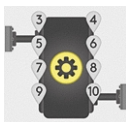
Belt/Pulley/Chain



1-stage Gearbox



2-stage Gearbox



3-stage Gearbox



4-stage Gearbox



Bevel Gearbox

### 3. Types of driven components available



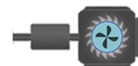
Pump Between Bearings



Overhung Pump



Fan Between Bearings



Overhung Fan



Centrifugal Compressor



Lobe Compressor



Alternator



Roller



Shaft

#### 4. Table of SMC Built-in Templates

Transmission Component	Direct Coupling						
		Belt/Pulley/Chain	1-stage Gearbox	2-stage Gearbox	3-stage Gearbox	4-stage Gearbox	Bevel Gearbox
 Pump Between Bearings	Pump BB	Pump BB-Belt	Pump BB-GB1	Pump BB-GB2	Pump BB-GB3	Pump BB-GB4	Pump BB-Bevel GB
 Overhung Pump	Pump OH	Pump OH-Belt	Pump OH-GB1	Pump OH-GB2	Pump OH-GB3	Pump OH-GB4	Pump OH-Bevel GB
 Fan Between Bearings	Fan BB	Fan BB-Belt	Fan BB-GB1	Fan BB-GB2	Fan BB-GB3	Fan BB-GB4	Fan BB-Bevel GB
 Overhung Fan	Fan OH	Fan OH-Belt	Fan OH-GB1	Fan OH-GB2	Fan OH-GB3	Fan OH-GB4	Fan OH-Bevel GB
 Centrifugal Compressor	Compressor C	Compressor C-Belt	Compressor C-GB1	Compressor C-GB2	Compressor C-GB3	Compressor C-GB4	Compressor C-Bevel GB
 Lobe Compressor	Compressor L	Compressor L-Belt	Compressor L-GB1	Compressor L-GB2	Compressor L-GB3	Compressor L-GB4	Compressor L-Bevel GB
 Alternator	Alternator	Alternator Belt	Alternator GB1	Alternator GB2	Alternator GB3	Alternator GB4	Alternator Bevel GB
 Roller	Roller	Roller Belt	Roller GB1	Roller GB2	Roller GB3	Roller GB4	Roller Bevel GB
 Shaft	Shaft	Roller Belt	Roller GB1	Roller GB2	Roller GB3	Roller GB4	Roller Bevel GB