



## Guide to motor mounting options

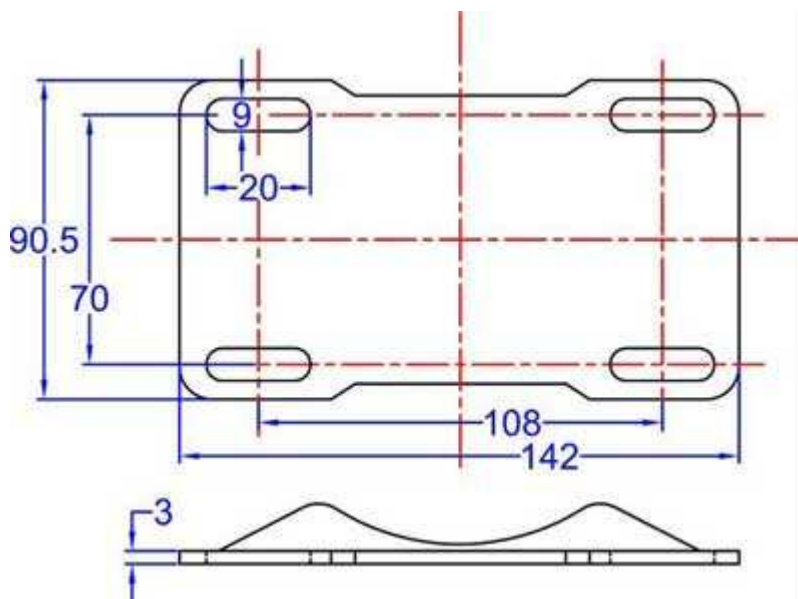
### MCW Hints and Tips 0017

#### Introduction

Here at Motor Control Warehouse (MCW) we supply a wide range of AC & DC motors to give you the flexibility to choose what motor you need for any purpose. All of our motors have several different types of mountings meaning that there should always be a mounting that can fit your needs. There are 3 different types of mountings (Foot, Face and Flange), these mountings can also be used together such as foot and face or foot and flange.

#### Foot Mounting (B3)

This is the standard and most common type of mounting for Electric Motors, this type of mounting allows the user to bolt the motor directly onto a surface to hold the motor to prevent it from vibrating or moving around while in operation.



This diagram gives you view from the underside of a motor as an idea into where the mounting holes are (please note that the dimensions are different for each motor)





Foot Mounting Holes

### Face Mounting B14

Face mounts allow you to directly couple the motor to the device that it is running, thus giving a tight fit and a secure hold to the output device.



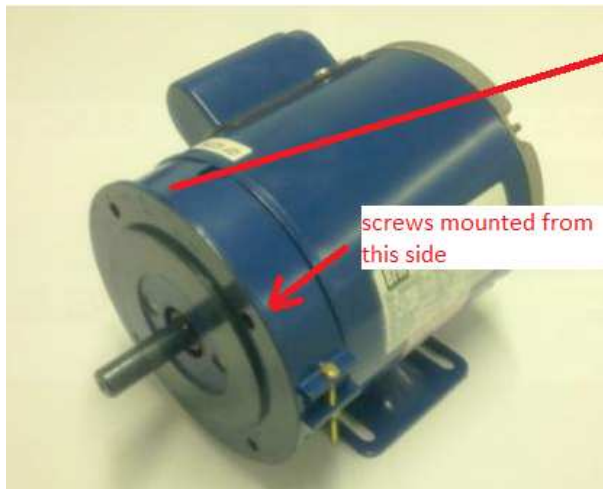
Face mounting Holes

(Diameters for holes may vary according to make/model)



### Flange Mounting (B5)

Flange mount is similar to face mounting as the holes for mounting are in similar places, but for flange mounting the holes are raised from the motor so that they output device can be screwed onto the motor from behind, whereas on the face mount the output device is screwed into the motor.



As can be seen the holes are raised off the body of the motor allowing mounting from the back of the motor.

### Foot and Face Mounting (B34)

Some of the mounting can be used with one another depending on the mounting type or for extra security. Foot and face allows the motor to be securely fastened to the output device but also to the surface the motor is standing on.



Mounting for both foot and face.



## Foot and Flange (B35)

Foot and Flange mounting is similar to foot and face but foot and flange allows the motor to be mounted to surface that it is standing on but also the couple the output to the motor via screwing the motor and output device together from the back of the motor rather than the back of the output into the face of the motor.

