

# How to identify a Combi 740 motor

## Modern Motor Sticker

All modern motors have a sticker and serial number which details the motor type.

### COMBI 740 VERSIONS *(All available in left hand or right hand)*

**110° version** = maximum shaft rotation 110°.

**175° version** = maximum shaft rotation 175°.

**Reversible versions** = 110° and 175° rotation options, without hydraulic locking device in both gate stop positions.

An electric gate lock is always recommended.

**Locking version** = 110° and 175° rotation options, with hydraulic locking device in both gate stop positions.

**Braking version** = 110° and 175° rotation options, with adjustable hydraulic braking (slowdown) device in both directions, over the last 40 cm of motion.

**Version with flow regulator** = 110° and 175° rotation options, with hydraulic flow regulator (it adjusts gate speed) in both gate travel directions for gates wider than 2,5 m each gate leaf.

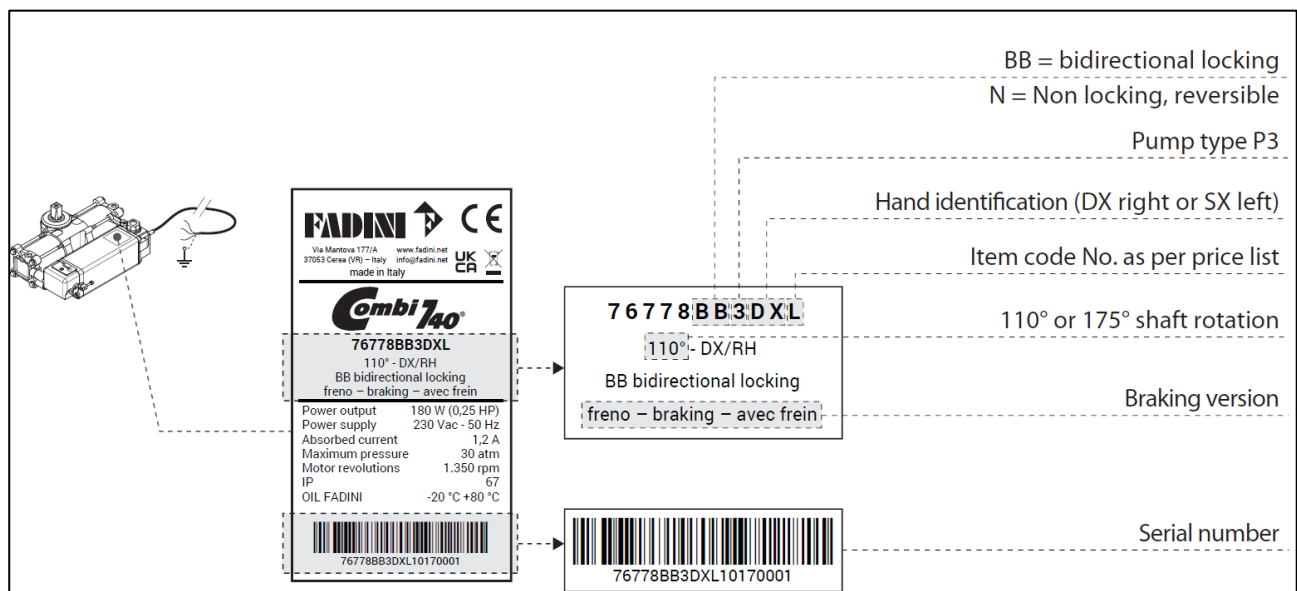


Figure 1- Combi 740 Identification Sticker

## Handing (SX or DX)

When discussing which handing a motor is, we always stand on the inside (secure) side of the property looking at the gates which open towards us. This means that the SX motor is on the left as we look at them and the DX motor is on the right.

The motor is marked with either SX or DX at the location shown in the image below.

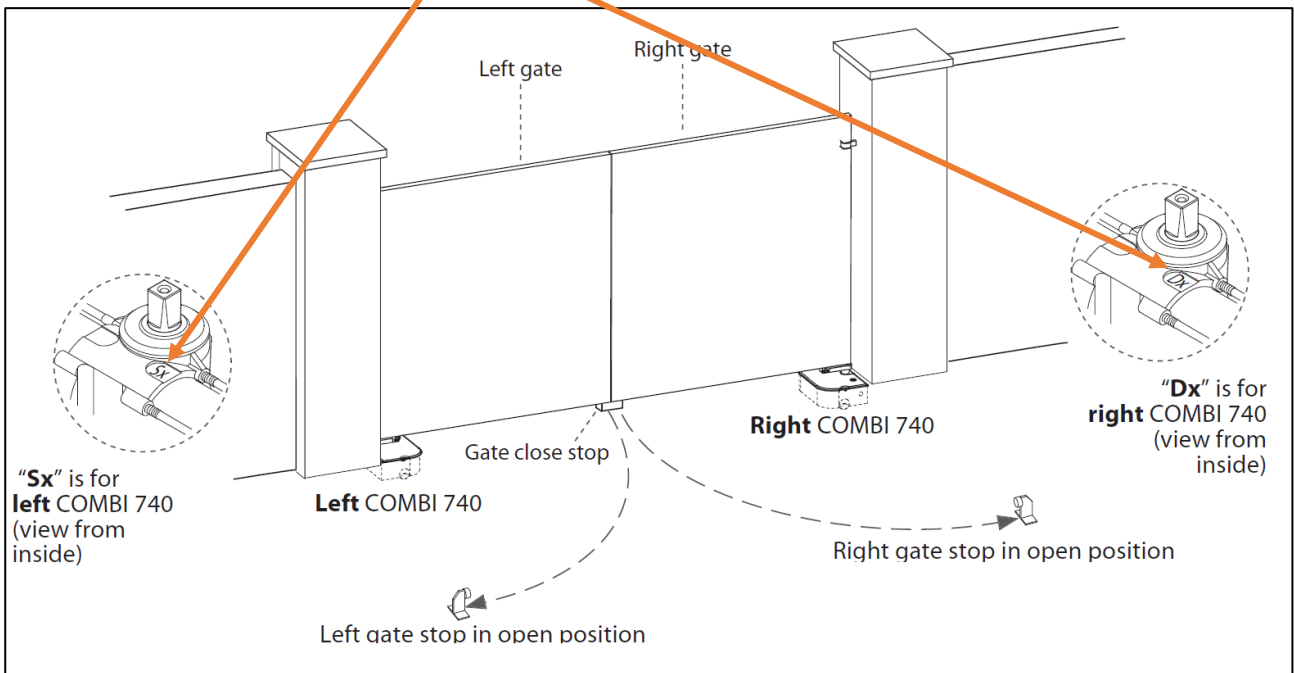


Figure 2 - Combi 740 Motor Handing

## Opening angle (110° or 175°)

The opening angle may be determined by the length of the operator. The 110° operator has a length of 340mm and the 175° operator has a length of 395mm. This may be able to be ascertained visually from a photograph as they share a common foundation case which is 470mm wide, but taking a measurement would be better.

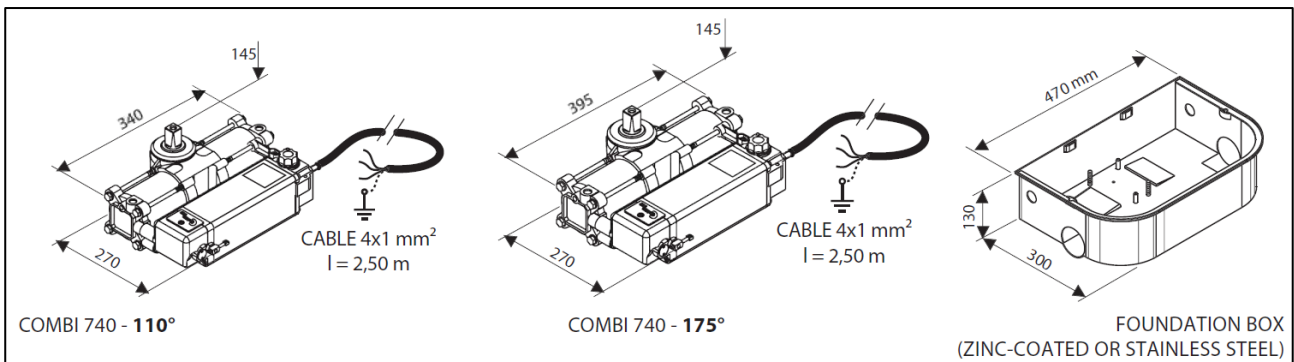


Figure 3 - Combi 740 Motor Dimensions

## Braking (Slowdown)

If a motor has slowdown then this will be evident by the existence of two screws that are used for adjusting this feature. These may be seen on the diagram below.

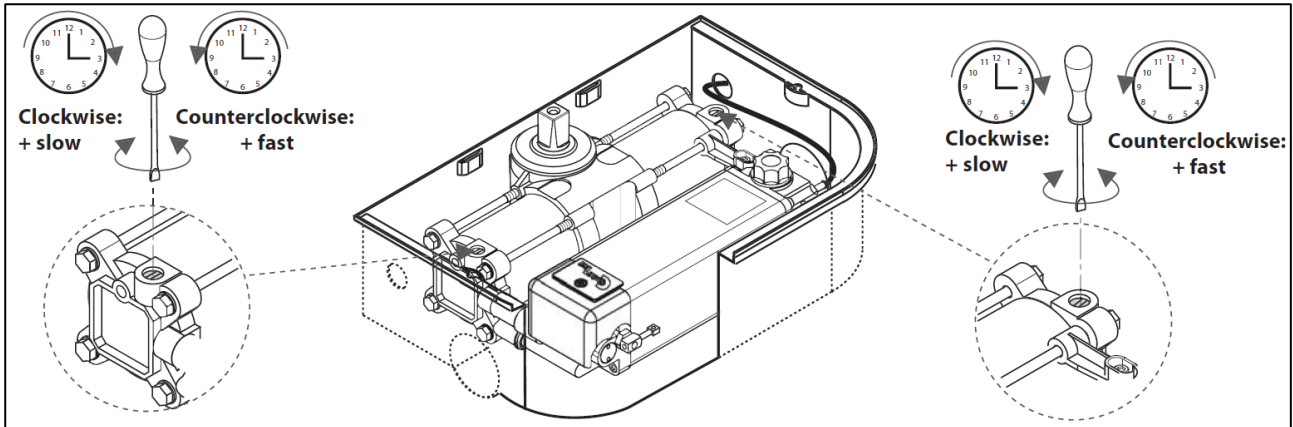


Figure 4 - Combi 740 Slowdown Adjustment Screw Positioning & Use

## Flow Regulator

Whilst not often seen in use in the UK, the flow regulator is used to make the motor slower if being used on a longer gate. The existence of this feature may be seen on the motor by the existence of the adjusters seen on the diagram below.

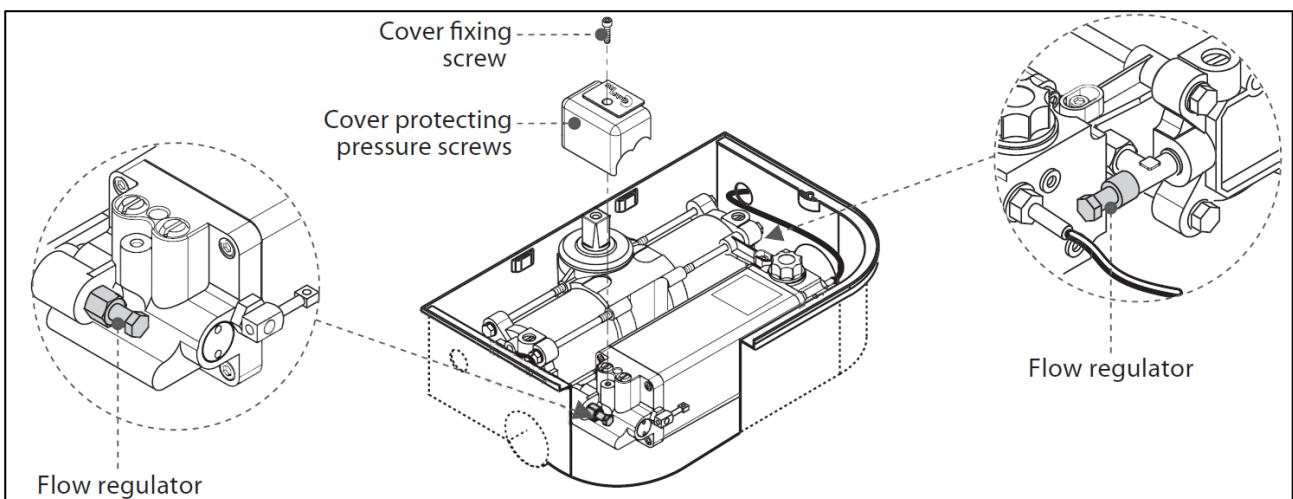


Figure 5 - Combi 740 Positioning of Flow Regulator Adjustments

## Locking

Whilst there is no external identification of a locking or non-locking motor (other than the sticker) the best way to identify this is to ask the customer if there is a lock on the gate. If not a locking motor is presumed.