

1

1. Prepare fixing holes in door and frame (use template)
2. Assemble arm to body at 45° to back face. Secure arm and sliding block with bolts provided.

2

3. Fix body to door (4 screws). Slip sliding block into track and insert end cap.

3

4. Push track and arm towards frame and secure in position (2 screws).

4

See instructions on rear of trim plate

NO.2 Latching
NO.1 Closing
Back Check
Closing Force
SW5

5. When adjusting, please note there is **MAXIMUM** of 2 TURNS for Latching, Closing and Back Check valves. Over adjustment will affect the performance of the closer. For the number of turns required to adjust the closing force, please refer to the table below.

5

Installation and Maintenance Instructions:

Warning

- Please note the minimum power size requirement for fire / smoke door assemblies is 3 as required by Approved Document B.
- Do not install mechanical hold open devices on fire / smoke door assemblies.
- Take care not to exceed the maximum opening angle as detailed above.
- Care and attention must be taken when adjusting any of the units control valves to avoid damage through over adjustment.
- All Synergy Door Closer units are sealed for life and the internal components assembled under high load, therefore, tampering with the mechanism is to be strictly avoided.

After Installation

- When the closer operates to close the door from its maximum opening position, it should ensure the lock latchbolt and any seals are overcome and the leaf returned into its frame.
- When the door is slightly open and the latch bolt resting against the strike, release the door to ensure the leaf fully closes into its frame.

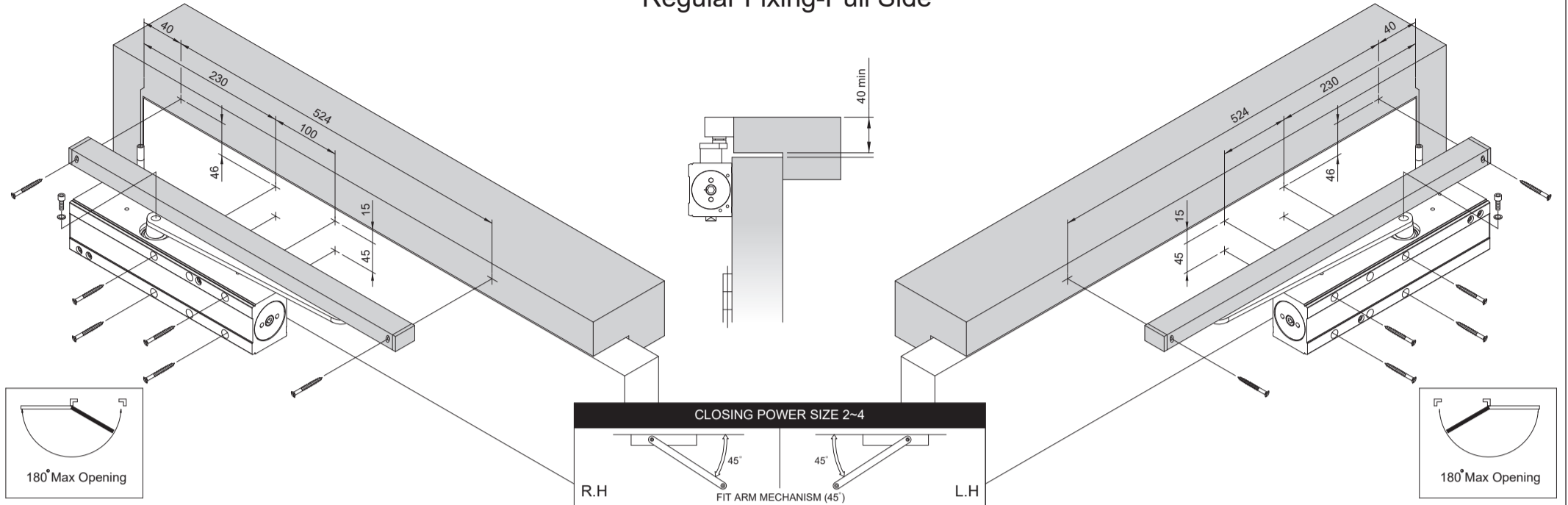
Force	Max. door width	Max. door weight	Max. opening angle	Number of turns	Direction
EN2	850mm	40kg	180°	-2~-5	Anticlockwise
EN3	950mm	60kg	180°	-2~+3	—
EN4	1100mm	80kg	180°	+3~+5	Clockwise

⊕ FACTORY PRE-SET

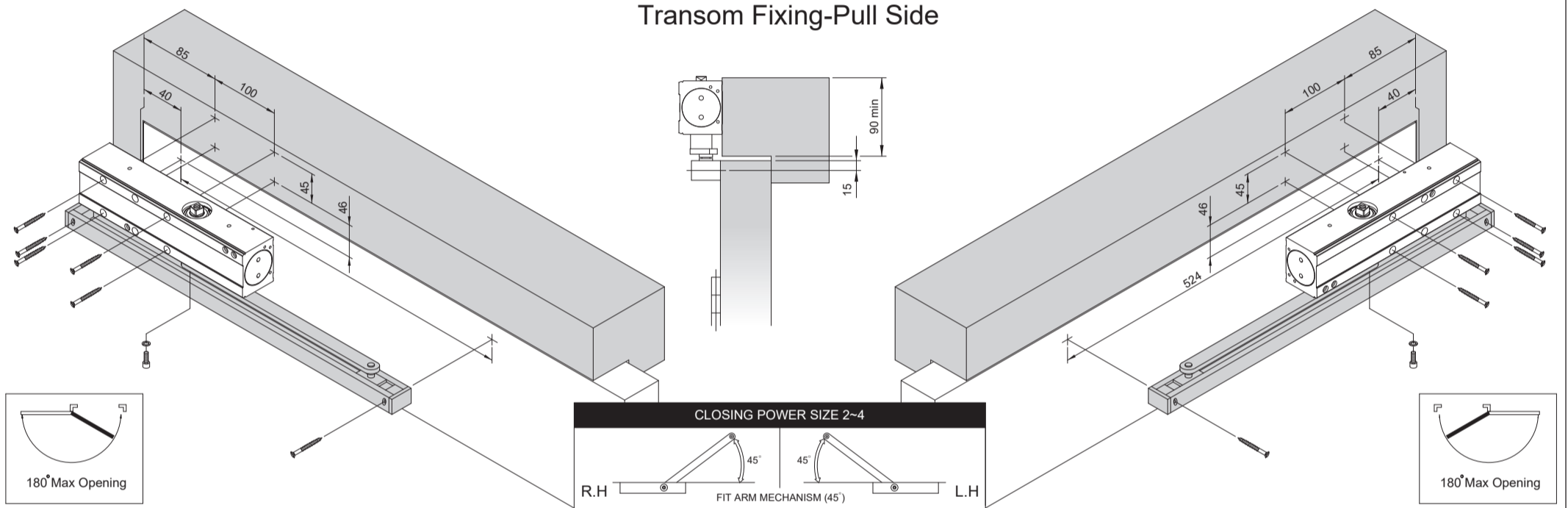
Maintenance

- Once the unit has been correctly fitted it is recommended that periodic checks (every six months) are carried out to ensure all fixings are tight and the door closes freely and positively into the frame, without slamming.
- A light oil lubricant (non-graphite) should be applied to the moving joints and exposed pivot points.

Regular Fixing-Pull Side



Transom Fixing-Pull Side



Transom Fixing-Push Side

