APSW HYDRAULIC GATE CLOSER - BOLT ON

- The APSW closer and top hinge kit is specifically designed for incorporating into gates for safe, reliable self closing
- Suitable for gates up to 150kg, no power required
- Fully adjustable closing speed with main closing speed and latching speed adjustments
- The robust closer unit is fitted underneath the gate and also acts as a load-bearing lower hinge. Fitted in this position the closer is unobtrusive and highly vandal resistant.
- The kit includes a top hinge assembly which is fully adjustable to enable the gate to be positioned correctly after installation

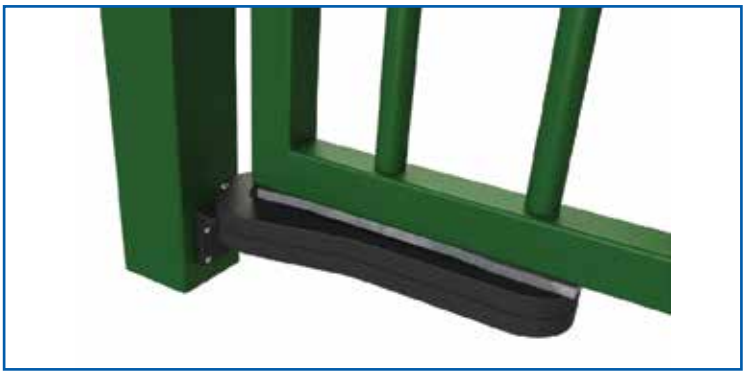
PRODUCT DETAILS

Description	Maximum Gate Weight kg	Code
Hydraulic gate closer	150	**05GC05W**

Fully adjustable unit.

TOP HINGE

BOTTOM HINGE



INSTALLATION

1. Fix lower clamp bracket to the gate post.
2. Fix mounting bar to the underside of the gate.
3. Fit closer unit on to the lower clamp bracket and tighten clamp.
4. Lower gate onto the closer unit and locate mounting bar into the closer unit. Remove the cover and install the 2 x M10 fixing bolts to hold the closer unit to the mounting bar.
5. Hold the gate temporarily in required final position by clamping to the gate post.
6. Check that the top hinge is assembled to rotate in the desired direction. If necessary, turn over the stop plate within the hinge to change the direction of rotation.
7. Assemble the top hinge brackets to the top hinge and position and fix to the gate post and the top of the gate.
8. Check that the gate swings correctly. Vertical adjustment can be achieved by adjusting the top hinge using the slots, rotational adjustment can be achieved by using the 2 x M10 bolts in the slots in theloser unit.
9. The 2 x speed controls can be adjusted using the special key which is also used to secure the closer unit cover in place. The control valve nearest the hinge is for adjusting the closing speed and the valve furthest away from the hinge is for adjusting the latching speed.

MAINTENANCE

The top hinge should be kept lubricated with a suitable grease. The closer and bottom hinge require no maintenance.

DETAILED SPEED CONTROL INSTRUCTIONS

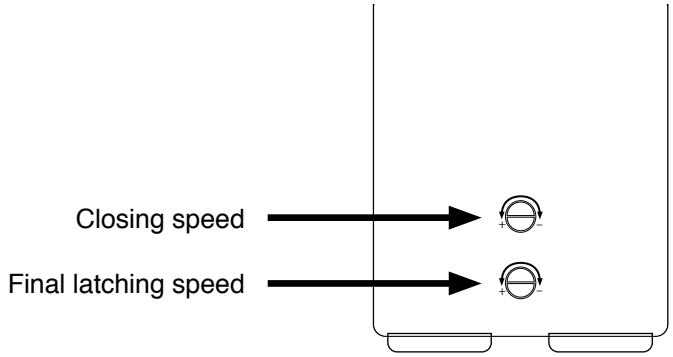
The APS gate closer motor is factory set to close the gate in 5 – 7 seconds. There are 2 speed control valves. The one furthest from the pivot is for controlling the last 15 degrees of closing speed and is called the ‘Latching speed control valve’. The other valve is for controlling the speed of the first 75 degrees of closing.

CLOSING SPEED ADJUSTMENT

1. Using the key provided, turn both screws in until they stop turning. Be careful not to over tighten them once they have reached the limit of travel. Both valves are now closed and the gate will now not close or open
2. Now undo the valve nearest the pivot 1 – 2 turns. This should result in the gate moving through the first 75 degrees of closing in about 6 seconds
3. Next release the latching speed control valve 1 – 2 turns and the last 15 degrees of closing will take about 4 seconds

Note: A ¼ turn can make a large difference to the speed of the gate. Do not turn screws more than 3 turns from the closed position, if in doubt close off valves and start again. **Turning the screw passed this point will result in oil loss. This will cause the mechanism to fail, thus invalidating all warranties**

Gate not closing fully: If the closer comes to its rest point before the gate is fully closed, release 2 x M10 nuts on bracket below closer, shut the gate and re-tighten the M10 nuts



To adjust, turn both screws clockwise until they stop. This means the gate will be locked into position. Then undo until they are the correct speed ensuring they do not turn more than 3 full turns from the stopped position.