

RYOBI 202N FLOOR HINGE



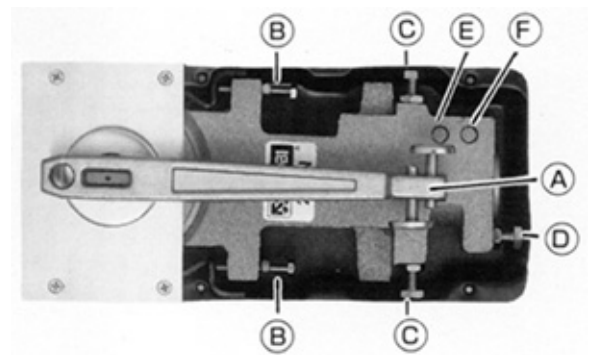
Self closing soft shut Anti Trap Bow Top gate



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Close up view of floor hinge exterior



Self closing mechanism

SPECIFICATION

Jacksons' self closing gates use Ryobi's 202N floor hinge. The floor hinge itself comes fully externally rated and has passed some of the most rigid quality assurance tests ever devised. The floor hinge comes supplied separately from the gate and will need to be fitted on site following the instructions provided.

Self closing gates from Jacksons have some key factors that make them unique and the best on the market.

The gate itself has two closing speeds known as the 'closing speed' and 'latching speed'. This therefore allows the gate to close from its open position at one speed and if required, will slow down for the final latching as it comes to rest on the slam post

- The gates have been approved by RoSPA to BS 1176
- The mechanism allows the gate to open both ways to a maximum angle of 113°
- The mechanism has been tested for 1,000,000 cycles
- Great for use on children's play areas so that the gate does not injure the child as it is closing
- Prevents dogs entering the playground

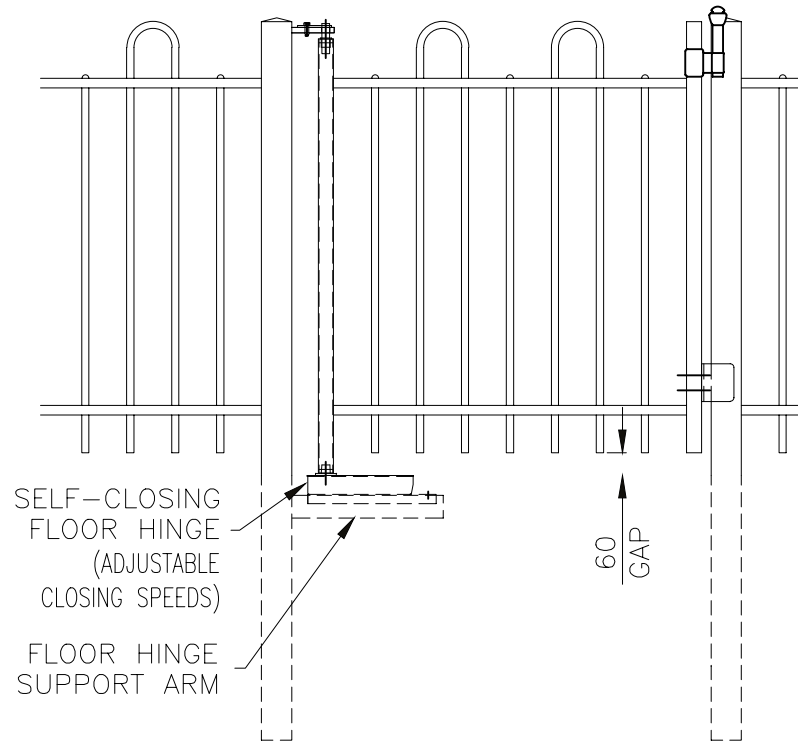
MAINTENANCE

The above is a diagram of the mechanism in the box which is concreted in the ground. The gate closing speed and latching speed will be pre-set according to RoSPA guidelines but are fully adjustable.

This is achieved by adjusting valve E for the closing speed and valve F for the latching speed. The other screws identified on the drawing allow for adjustment of the mechanism in the box. Closing position adjustable by screws A and C. Clearance adjustable by screws B and D

Other maintenance is required on the top hinge of the gate where there is an Oilite bush in which the drop bolt rotates.

INSTALLATION



The holes for the posts need to be dug and then set in concrete.

The top plate of the floor hinge sits at ground level making it fully accessible if the closing speed needs to be adjusted.

The drawing above shows a typical setup of the floor hinge with the gate frame. The hinge however can be modified to fit existing gates if required without the need of the support bar connected between the posts.



Playtime® Timber gate illustration showing floor hinge and posts



Playtime® Metal gate with self closing floor hinge