

Door Hanger

1. Twin roller: Capable of sharing friction and loading. Each roller has two bearings to increase loading and withstand the side pressure.
2. Seesaw roller To keep from de-railing and attachment of rail when bumping by unknown force.
3. Hanger balance rod: The belt is fixed at the center of the balance rod (middle of the door) so as to enable the motor operate with an even strength and a stable gravity.

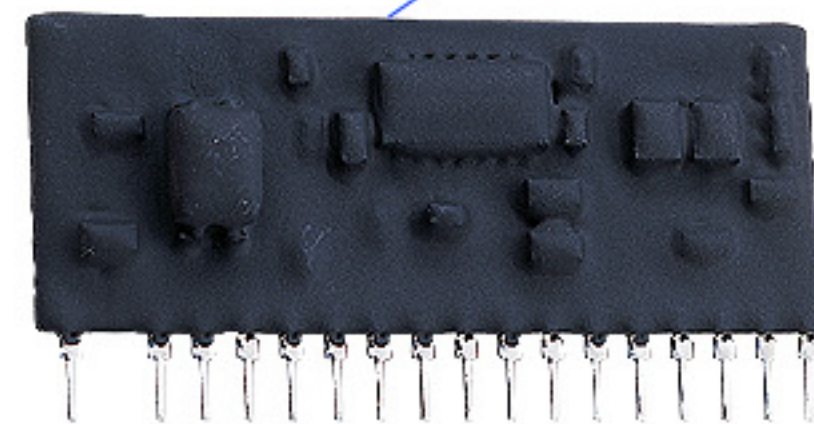


Engine Case Connector

The special gutter design of the engine case ensures smooth and easy installation. Engine case for bi-part sliding is divided into two parts for the convenience of delivery. Using the attached handy metal fittings can easily assemble it.

Idle Pulley

It is used to adjust the belt tension to gain proper rotation for the belt.

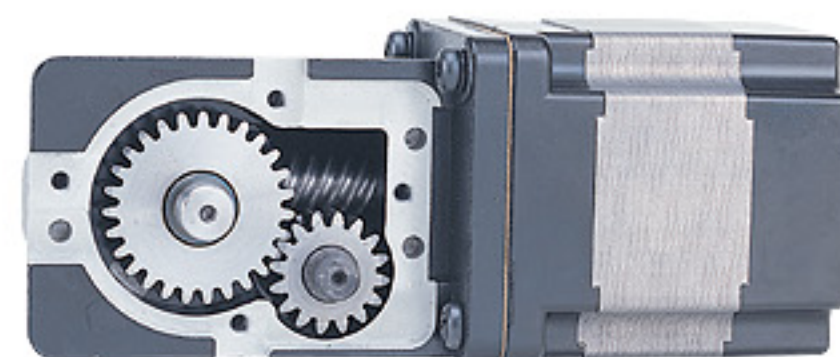


Controller Block

In the controller their installs the computer-aided digitalized servo control system including automatic positioning function, 5cm slow free travel race and auto-reverse to ensure safety protection. When the door is bumping an object, the controller is actuated to return the door to the wide-open position. In case of the sensor is out of work, pulling the door open by hand.

Teethed belt

The teethed belt and the teethed pulley are in close match to ensure accurate output speed transferred from the motor, less abrasion, free of slippage, no bothering of adjusts the belt tension.



Driving Block

Operated by a high efficient permanent magnet brushless servomotor to provide a fast opening and closing door speed and make sure a clear passage. A reduction gearbox is applied to ensure direct transmission and (single/twin) gear train is employed for power transfer. The gearbox is made of heat-treated medium carbon steel to ensure long durability in operation withstanding high torsion moment in startup and reduction of running noise.

Visitor and Warning tone System

Equipped with the visitor tone, location tone and trouble warning tone. Once the door is bumped, it activates the warning tone to the operator.