

## **HW400PV-1000 Pivot set – Technical information.**

The HW400PV-1000 pivot set for centre hung doors weighing up to 1000Kg on a door size of 1.2m wide, the pivot set can be used on doors which exceed 1.2m when the weight is reduced as long as the radial load capacity of the pivot set is not exceeded (please consult Woodwood technical department regarding individual door requirements).

The top pivot has a wind in and out pivot for ease of loading the door.

Please note a pivoted door will move freely (the pivot set is not a self-closing device), it should be restrained or damped by means of a door closer or other suitable device subject to its location and use. Pivot point should be on centre line of door.

- Pivot point on centre line of door
- Maximum door width @1000Kg = 1.2m where pivot is located at edge of door.
- Maximum door height = 5m
- Maximum door weight = 1000Kg
- Minimum door thickness = 100mm
- Not suitable for fire doors
- Heel of door must have radius to allow for clearance with frame
- Available with a side loading bottom strap

### **Important information for when specifying pivots:**

- The door structure must be rigid, with minimum deflections, consult a structural engineer
- Ensure the structure to which the top and bottom pivots are to be fixed are adequate for the applied loads, consult a structural engineer.
- Minimum thread engagement into reinforcing member shall be equal to bolt diameter.
- Weight of door is assumed to be evenly distributed across door.
- The door should have a suitable door stop in the open and closed position. The stop must never be located closer to the pivot than 2/3rds of the door width from the pivot.

HW400PV-1000 Pivot set information sheet: April 2014, please note details are subject to change without notice. Updated January 2024.