



Door Automation

**KABA**<sup>®</sup>

## HDO Heavy duty operator for swing doors

The Kaba HDO heavy duty automatic swing door operator allows contact free access, providing convenience and comfort for all users whilst complying with Disability Discrimination Act (DDA) regulations.

The HDO has been designed for both internal and external applications in public, industrial, commercial or administrative buildings, hospitals, hotels and airports and offers excellent flexibility for the automation of new or existing door sets.

Fitted with an adjustable heavy duty spring, this operator is suitable for the operation of large heavy doors and is

distinguishable by its noise free operation. It also incorporates a concealed heavy duty adjustable door stop, eliminating the need for external stops.

The HDO is simple to install and is easily retro fitted to existing doors. The drive units can be mounted against a lintel or installed as part of the door leaf.

Operators can be supplied with a range of sensors to enhance safety and convenience. The extensive range of functions enables customised automation to suit individual requirements.

The Kaba HDO is available as operator only or can be supplied with a range of door wings to compliment.

Installations are carried out by highly trained Kaba engineers, qualified to BS7036 standards.

## Flexibility and performance

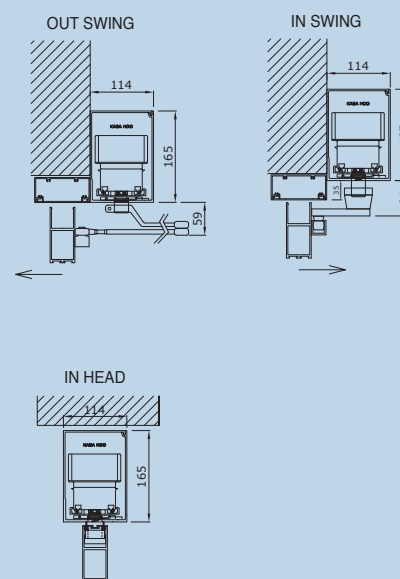
### Main benefits of the Kaba HDO heavy duty swing door operator.

- Suitable for external and internal applications.
- Easy and quick to install - time taken to install is greatly reduced due to the simplified wiring arrangements.
- All products are supplied with a reversible swing arm so that a right hand pull arm can also be used as a left hand push arm ensuring complete customer flexibility.
- Proven reliability even in adverse weather conditions.
- Variable mounting options - the HDO operator is suitable for surface mounted, in-head and concealed swing door applications.

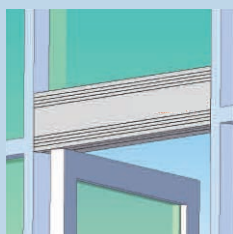
### Main features of the Kaba HDO operator.

- Power open spring close mechanism.
- Emergency break out.
- Heavy duty E spring.
- Suitable for doors weighing up to 225kg, 3000mm high and 1400mm wide.
- The digital control board enables a range of manual adjustments including opening and closing speeds, hold open time, actuation time and opening back check speed.
- The system has an extensive range of options including the capability to interface with door interlocks, fire alarm systems and business management systems and includes an electric locking system.

### Overall dimensions



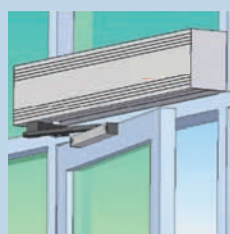
### Installation configurations



Centre hung,  
left hand



Left hand push



Right hand pull



Centre spindle,  
left hand

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