

Locking Line

Solenoid Technology

Motor door lock HS7722 Motorized door lock

Kuhnke's new locking system offers increased automation for use in many areas of everyday life. The combination of mechanical locking, motor drive, limit switches and electronic engineering is applied in our new motor door lock. The lock has more features than just locking the door. Close the door with an adjustable, continuous force extends the life cycle of the seals. The lock is self-adjusting to maintain the health of the seals. The big travel of up to 40 mm offers different end positions in the opening and closing process.

For instance a position of ventilation at baking ovens is useful. In this position, the hot steam can escape preventing the operator from getting burned.

The following safety aspects are considered in our lock: Protection of the operator while locking the door, protection of the door mechanism against damage, EMC-protection, overload fuse, operation errors during initial operation.

Kendrion Kuhnke Automation has a wealth of experience in the locking segment and provides optimal and individual solutions for many applications.

Characteristics

- Travel up to 40 mm
- Different end positions
- Continuous force while closing the door
- Locking forces up to 400 N
- Emergency opener



Are you curious?

In our youtube tutorial you will learn everything about the assembly and mechanics of the motorized door lock:



Technical data	Kuhnke motor door lock HS7722
Travel	40 mm
Speed	6.5 mm/s
Sensors	6 x positional sensors (open collector 30mA), 1 x microswitch
Maximum closing force	400 N
Voltage supply	24 V DC
Power	19 W (@ 24 V DC)
Operating temperature	0 °C...+80 °C
Housing	Polyamide & metal
Dimensions (W x H x D)	117 x 227 x 30 mm

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