



Code	Description
HK7224	Irreversible 24 Vdc electromechanical gear motor with articulated arm, without control unit, for gates up to 1.8 m long and 330 kg in weight and 3.5 m long and 200 kg in weight

For swing gates with leaves up to 1.8 m long and 330 kg in weight and 3.5 m long and 200 kg in weight, also with large columns thanks to the articulated arm. Compatible for operation with Nice Solemyo and Opera systems.

Quality and durability thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

Ultra-powerful and delicate: thanks to the torque of 500 Nm and **encoder technology, for millimetric precision and reliability.** Safety in movement with dual technology obstacle detection.

Practical and quick installation: the articulated arm is adjustable in length for maximum flexibility. Easy to operate release lever, with metal lock and personalised Nice key. With provision for cable control.

Simple and precise limit switch adjustment: mechanical stops and micrometric adjustment screws.

Savings, respect for the environment, and autonomy: when connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

No black out: with the optional batteries (PS124) housed inside the gear motor.

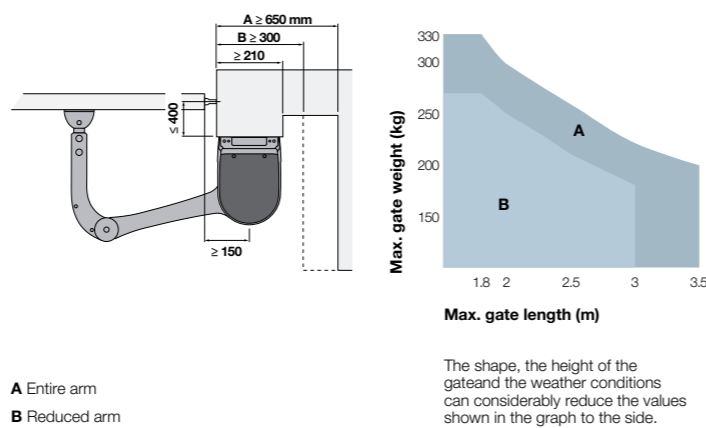
Built-in control unit (HK7024), equipped with Nice BlueBUS technology, and provision for operation with the Nice Solemyo and Opera systems:

- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

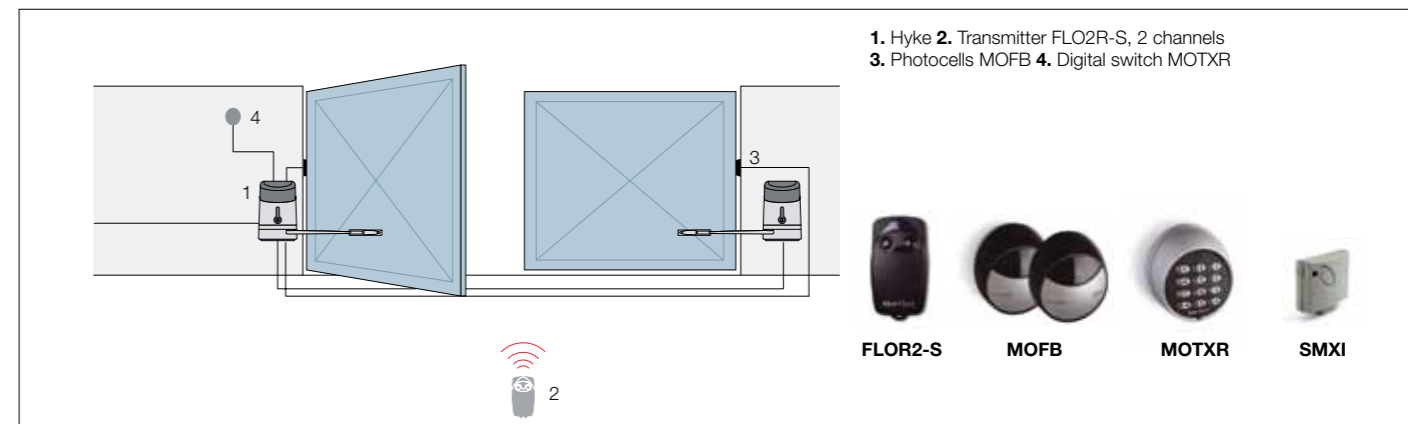
Technical specifications

Code	HK7224
Electrical data	
Power supply (Vac 50/60 Hz)	-
Power supply (Vdc)	24
Absorption (A)	6
Power (W)	140
Performance data	
Speed (Rpm)	2.25
Torque (Nm)	500
Work cycle (cycles/hour)	40
Dimensional and general data	
Protection level (IP)	54
Working temp. (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	290x210x320 h
Weight (kg)	9.5

Utilisation limits



Code	Description
Basic	
HYKEBKIT	1 electromechanical gear motor HK7224 . 1 control unit HKA1 .
HYKEDBKIT	2 electromechanical gear motors HK7224 . 1 control unit HKA1 .
Radio	
HYKERKIT	1 electromechanical gear motor HK7224 . 1 control unit HKA1 . 1 plug-in receiver SMXI . 2 transmitters 433.92 MHz, 2 channels, FLO2R-S .
HYKEDRKIT	2 electromechanical gear motors HK7224 . 1 control unit HKA1 . 1 plug-in receiver SMXI . 2 transmitters 433.92 MHz, 2 channels, FLO2R-S .
Premium	
HYKEPKIT	1 electromechanical gear motor HK7224 . 1 control unit HKA1 . 1 plug-in receiver SMXI . 2 transmitters 433.92 MHz, 2 channels, FLO2R-S . 1 pair of surface-mounted photocells MOFB . 1 radio-controlled digital switch MOTXR .
HYKEDPKIT	2 electromechanical gear motors HK7224 . 1 control unit HKA1 . 1 plug-in receiver SMXI . 2 transmitters 433.92 MHz, 2 channels, FLO2R-S . 1 pair of surface-mounted photocells MOFB . 1 radio-controlled digital switch MOTXR .



Accessories for a complete installation:

Code	Description
HKA1	Spare control unit for HK7224
PS124	24 V battery with integrated battery charger
PLA10	Vertical 12 V electric lock (required for gates longer than 3 m)
PLA11	Horizontal 12 V electric lock (required for gates longer than 3 m)
KIO	Key-operated selector switch for low voltage contacts, with release mechanism for metal cord
KA1	6 m cable release kit for KIO

Solemyo system



The solar power kit Solemyo to automate gates, garage doors or barrier gates, including those located far from the power mains and without the need for costly and invasive excavation work. See pages 78/79

Opera system



The innovative Opera system enables the installer to manage, program and control automation systems, also remotely, simply and safely, with significant savings in time. See pages 80/81