

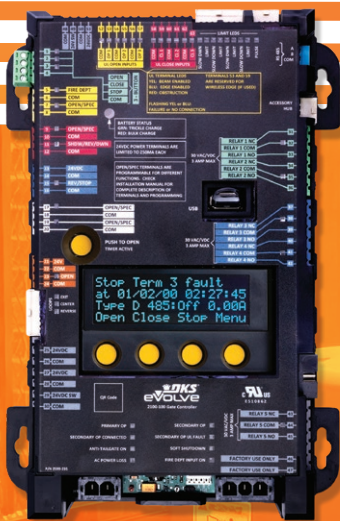


2170 VEHICULAR DC SLIDE GATE OPERATOR

THE NEXT GENERATION OF ACCESS CONTROL

Smart, brushless DC slide gate automation with battery backup

- 115 / 230 VAC selectable input or 24 VDC
- Brushless DC motor available in 500W (½ HP) or 750W (1 HP) configurations
- Removable cover allows fast, unobstructed access
- Heavy-duty steel frame built for continuous-duty operation
- Moves gates up to 40 ft or 3,500 lbs
- Integrated battery backup with two (2) 7.5 Ah batteries
- 5-year limited warranty
- Five (5) programmable relays
- Six (6) programmable UL inputs
- Built-in Diagnostics



eVolve™ Smart Controller

Built-in smart controls with Digital Onboard Operator Controls and Programming Access Controller. USB configuration backup, event logging, and diagnostics.

Residential • Commercial • Industrial



Easy Onboard Programming

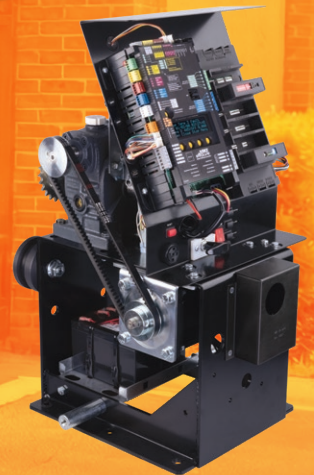
Intuitive onboard LCD interface allows fast setup, adjustment, and diagnostics directly at the operator—no external devices required.



BRUSHLESS MOTOR

Powerful Brushless DC Motors

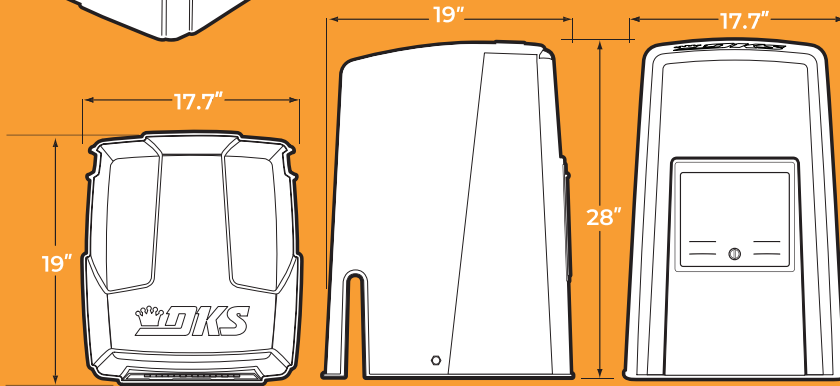
Up to 3,500 lb slide gate capacity for demanding residential and commercial applications.



Built from the Ground Up

Heavy-duty steel construction with a durable semi-gloss black powder coat engineered for continuous-duty residential and commercial applications.

DKS[®] eVolve™ 2170 VEHICULAR DC SLIDE GATE OPERATOR



2170-380 / 382

2170-381 / 383

	2170-380 / 382	2170-381 / 383
CLASS OF OPERATION	I, II, III, IV	I, II, III, IV
MAX GATE LENGTH	40 ft (12.192 m)	40 ft (12.192m)
MAX GATE WEIGHT	2,300 lb (1043 kg)	3,500 lb (1587 kg)
MOTOR	Motor Brushless 36 VDC ¹ 500W (½ HP)	Motor Brushless 36 VDC ¹ 750W (1 HP)
INPUT	115 / 230 - 1 ^Ø VAC 5 A / 3 A	115 / 230 - 1 ^Ø VAC 7A / 4A
AC POWER CYCLES PER HOUR	Continuous	Continuous
BATTERY BACK-UP² (QTY. 2 REQUIRED)	60 cycles with 7.5 Ah batteries 150 cycles with 18 Ah batteries	40 cycles with 7.5 Ah batteries 100 cycles with 18 Ah batteries

Note 1: 36 VDC motor is operated at 24 VDC.

Note 2: Approximate cycles. The number of cycles using only battery back-up will vary depending on the weight of the gate, the length of the gate, the operating condition of the gate, temperature and the charge state of the batteries.

TECHNICAL FEATURES

Class of Operation: I, II, III, IV

Maximum Gate Weight:

- 2170-380 / 382: 2,300 lb

- 2170-381 / 383: 3,500 lb

Maximum Gate Length:

- 2170-380 / 382: 40 ft

- 2170-381 / 383: 40 ft

Pulling Medium: #40 Nickel Chain

Speed: 12 in/Sec (max)

Gearbox Reduction: 30:1

Power Loss Operation: Push Button, Constant Pressure

Manual Release: Internal/Manual

Motor (Brushless 36 VDC¹):

- 2170-380 / 382: 500W (½ HP)

- 2170-381 / 383: 750W (1 HP)

Input Power VAC: 115 / 230 - 1^Ø

Amps (115 / 230 VAC):

- 2170-380 / 382: 5A / 3A

- 2170-381 / 383: 7A / 4A

Accessory Device Power: 24 VDC, 3A

Battery Backup: Two (2) 7.5 Ah batteries

SMART CONTROLS (EVOLVE™)

- Onboard LCD operator programming USB configuration backup and restore
- Built-in diagnostics and event logging
- Supports plug-in accessory hub modules
- Compatible with DKS access control systems

MISCELLANEOUS

Environmental:

-10°F to 158°F (-23°C to 70°C)

With optional heater kit: -40°F to 158°F (-40°C to 70°C)

Heater Kit:

Thermostatically controlled heater kit required for operation below freezing temperatures to prevent battery damage.

Heater kit is for AC-powered operators only.

Shipping Weight:

Approximately 175-225 lb (79-102 kg), depending on model and options selected.

Safety Requirements:

Operator requires monitored Type B1 and/or Type B2 entrapment protection devices.



DoorKing®, Inc.

Access Control Solutions since 1948



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