



Sliding gate drive

application

industrial sites
office parks
logistic companies

series

A-Liner
Eco-Liner
Speed-Liner
Q-Liner

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Fast, faster, fastest, in this way our sliding gate drives can be described in short. How fast is fast enough? Which drive matches which gate? In short: when do you opt for which drive. B&G is happy to assist you in your choice.

'fast, faster, fastest!'

Depending on the location you can opt for a GT, BTF, STF or ZT drive with opening speed between 25 up to 75 cm per second per gate wing. Therefore a double sliding gate it opens twice as fast: from 50 to even 150 cm per second. It allows you to opt for the fastest sliding gate on the market. Ideal for locations where a fast free flow of traffic is desired.

GT-drive: ideal for a limited to regular usage frequency

Speed

- 25 cm/s (aluminium sliding gate).
- 20 cm/s (steel sliding gates).

Construction

- plastic worm gear.
- supply voltage: 230 V, converted to 24 V.
- soft-start/soft stop.
- motor housing: stainless steel, with Euro-profile cylinder.

Gates

- A-Liner.
- Eco-Liner.

Application

- office premises.
- recreation area

BTF-drive: perfect for heavy, industrial use

Speed

- 50 cm/s (aluminium sliding gates up to 12 meter).
- 30 cm/s (aluminium sliding gates up to 10 meter, steel sliding gates).

Construction

- bronze worm gear.
- supply voltage : 230 V, equipped with a frequency drive.
- soft-start/soft stop.
- motor housing: stainless steel, with Euro-profile cylinder.

Gates

- A-Liner.
- Eco-Liner.

Application

- parking area
- logistic companies
- industrial sites

Changes in construction and specifications reserved.
SGD-1909



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Keep worries out

Sliding gate drive

TECHNICAL SPECIFICATIONS

Sliding gate drive	GT - 25 cm/sec*	BTF - 50 cm/sec*	STF - 75 cm/sec*	ZT- 25 cm/sec*
Motor types	GT	BTF	STF	ZTF
Power supply	230V	230V	230V	230V
Power consumption max.	4A	6A	7A	6A
Motor				
Engine power	0,25kW	0,55kW	0,75KW	0,55KW
Isolation class housing motor	IP43	IP43	IP43	IP43
Isolation class housing drive	IP65	IP65	IP65	IP65
Engine torque	65Nm	70Nm	70Nm	70Nm
Temperature range °C	-15 tot +50	-15 tot +50	-15 tot +50	-15 tot +50
Drive				
Power	24Vdc	24Vdc	24Vdc	24Vdc
Soft start, soft stop	Yes	Yes	Yes	Yes
Function message	Display	Display	Display	Display
Gate state	Digitale encoder	Digitale encoder	Digitale encoder	Digitale encoder
Housing				
Material	RVS / aluminium	RVS / aluminium	RVS / aluminium	aluminium
Kleur	RAL7035	RAL7035	RAL7035	RAL7035
Afmeting (bxhxd) mm	540x400x275	540x400x275	540x400x275	540x400x275
General / options				
Switch-on	75%	100%	100%	100%
Service interval	1x p.y. or 25000 strokes	1x p.y. or 30000 strokes	1x p.y. or 40000 strokes	1x p.y. or 60000 strokes
Emergency battery	Option	-	-	-
Fan	Option	Option	Option	Option
Warming element	Option	Option	Option	Option
Gate state message	Option	Yes	Yes	Yes
Automatic disconnection		No	Option	Option
Control / situation message		Yes	Yes	Yes

STF-drive : when speed is crucial

Speed

- 75 cm/s (aluminium sliding gates).

Construction

- bronze worm gear.
- supply voltage: 230 V.
- soft-start/soft stop.
- combined with detection loops to prevent entrapment.

Gate

- Speed-Liner.

Application

We apply the STF-drive where, for instance, precious materials are present, or a smooth passage is desirable.

For example:

- high-security sites.
- logistics companies.

ZT-aandrijving: ideal with regular usage frequency

Speed

- 25 cm/s (aluminium sliding gates).

Construction

- bronze worm gear.
- supply voltage: 230 V.
- soft-start/soft stop.
- motor housing column: aluminium, with Euro-profile cylinder.

Gate

- Q- Liner.

General all drives:

- Impuls function compliant with EN 12453 Typ: C+D.
- NEN EN 13241-1:2016.
- Wind category: Class 2 compliant with NEN EN 1991-1-4:2011.
- Dead man function compliant with EN 12453 Typ: 2B (not for STF-drive).
- EN 13241-1.
- **CE**

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