

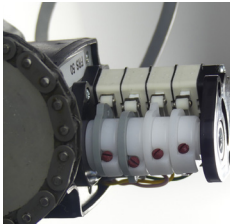
BIG 2000

A high speed, heavy-duty motor for industrial sliding gates to 2000kg with high-quality stainless steel cover. The hardened, heat-treated mechanicals and oil lubrication system ensure maximum long-term performance and extended life.

All BIG operators feature SEA's own Unigate inverter. This provides maximum speed adjustments and ramp up/down accuracy and working in unison with the Electro-brake, a safety override device to constantly monitor and control the gate's inertia at all times.

- 630 MM/SEC GATE SPEED
- 100 % DUTY CYCLE
- 20 MAXIMUM GATE LENGTH

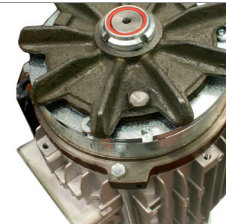
BUILT-IN LIMIT SWITCHES



STAINLESS STEEL COVER

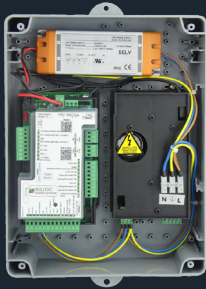


ELECTROBRAKE



2000KG

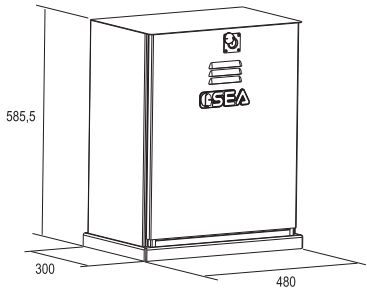
CONTROLLER



INVERTER EQUIPPED

UNIGATE uses a separate inverter power module and control board to achieve optimum heat management of power module components. The Inverter power module is connected to control board via USB cable.

Details on page 25



INVERTER SPEED SETTINGS

90Hz	630 mm/sec
80Hz	533 mm/sec
70Hz	483 mm/sec
60Hz	416 mm/sec
50Hz	350 mm/sec

ORDER CODE	BIG2000	MAX. GATE WEIGHT	2000 KG
POWER SUPPLY	SINGLE PHASE	MAX. GATE LENGTH	20 M
MOTOR VOLTAGE	3-Phase 230 V (AC)	PINION SIZE	Z24
MOTOR POWER	750 W	PINION HEIGHT	155 MM
GATE SPEED	TO 630 MM/SEC (38 M/MIN).	MAX. TORQUE	70 NM
MAX. CYCLES PER HOUR	180*	LIMIT SWITCH	MECHANICAL-ELECTRONIC
DUTY CYCLE	100 %*	DIMENSIONS (H-W-L)	585, 480, 300
		WORKING TEMP.	-20 °/+55 ° C

*Maximum duty cycle based on the first working hour in a testing environment.