



FOR GATES UPTO 2200KG

## 844 Range

The 844 range has been designed to provide a cost-effective and efficient solution for controlling gates in demanding applications.



Reliable. Affordable. Dependable.



...Leading the way.



Excellence in Automation

## 844 Range

### Ideal for demanding applications

The 844 operator is a cost effective and efficient option for busy gates weighing up to 2200kgs. The electronic equipment can be fitted internally or remotely, allowing maximum flexibility during installation.

### Total Safety

Torque settings are adjustable from the control board to optimise the minimum force required to operate the gate and this, coupled with the twin disk anti-crushing clutch provide for the safest operation. Reliability and long service life are assured as the internal mechanical components are immersed in a constant oil bath, all housed in a high resistance pressure-cast aluminium body.

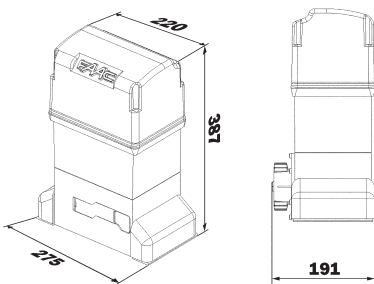
### Wide Range

Models are available for rack and pinion or a chain drive. Single phase and 3 phase with locking in the gears with the exception of only the reversible unit which does not lock internally. All models have a manual release mechanism for use in the event of power failure.

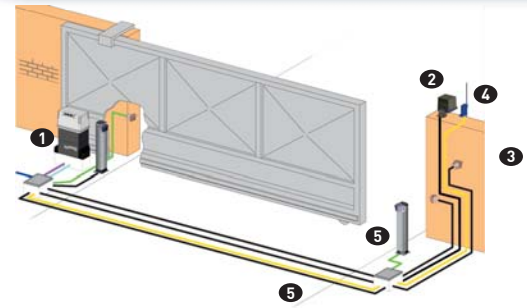
### Range:

- 844 ER Z16 for rack application
- 844 R for rack application (w/o pinion and control board)
- 844 R CAT for chain application
- 844 R RF for chain application
- 844 Reversible for rack application
- 844 3 phase for rack application

## Dimensions



## Installation layout



1. FAAC 844 OPERATOR
2. FAAC LIGHT
3. T10 KEYSWITCH
4. RADIO RECIEVER
5. FAAC PHOTOBEAM

Low voltage cabling		Power cabling (230V)	
A {	4 cables 3x 0.5	B {	1 cable 2x1.5+T
	2 cables 2x 0.5		1 cable 2x1.5

NB: Cable diameters in mm<sup>2</sup>

## 844 Technical Specifications

	844	844 3 Phase	844 Reversible
<b>Power supply:</b>	230v (+6%-10%) 50-60 Hz	400v (3 phase) (+6% - 10%), 50 Hz three phase	230v (+6% - 10%), 50/60 Hz
<b>Absorbed power:</b>	650W	950W	550W
<b>Current drawn:</b>	3.5A	2.5A	2.5A
<b>Maximum thrust:</b>	110 DaN (Z16)	190 DaN (Z16)	83 DaN (Z12)
<b>Motor speed:</b>	1400rpm	1400rpm	750rpm
<b>Motor winding thermal cutout:</b>	120°C	-	140°C
<b>Duty Cycle:</b>	70% 40 cycles per hour on a 5m gate (Z16)	60% 26 cycles per hour on a 5m gate (Z12)	70% 49 cycles per hour on a 5m gate (Z12)
<b>Reduction ratio:</b>	1:30	1:30	3:29
<b>Operating Temperature Range:</b>	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
<b>Weight with oil:</b>	14.5kg	15kg	15kg
<b>Oil type:</b>	FAAC HP Oil	FAAC HP Oil	FAAC HP Oil
<b>Gate speed:</b>	9.5m/min (844 using the Z16 pinion)12m/min (844 Z20 pinion) max weight reduced to 1000kg	7.5m/min (using the Z12 pinion)9.5m/min (using the Z16 pinion) max weight reduced to 1600kg	gate speed 11.6m/ min (using the Z12 pinion)
<b>Limit switch:</b>	by magnetic proximity swtich	by magnetic proximity swtich	by magnetic proximity swtich
<b>Max gate length:</b>	50m (Z20) 40m (Z16)	40M	49M
<b>Max gate weight:</b>	1800kg	2200kg	1000kg

