



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.

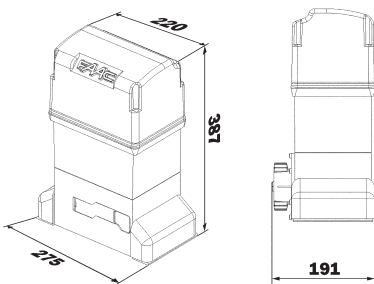
Wide Range

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.

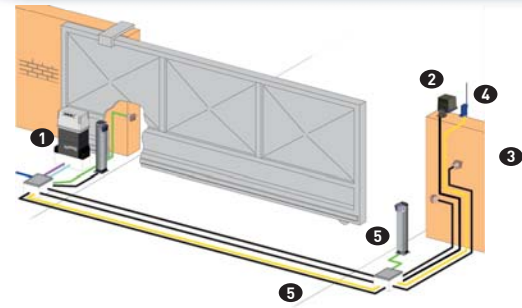
Range:

- 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 ²			

844 Technical Specifications

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

