

Automated systems for  
slide gates

CONDOMINIUM  
INDUSTRIAL

# 844 ER

## Slide gate operator

max weight

4000 lb



- Ideal for commercial and industrial applications
- Maximum anti-crushing safety with a twin-disk oil-bath clutch and electronic board with encoder for reverse on obstacle
- Non reversing operator, no electric locks needed
- Key protected manual release device.
- Inductive or magnetic limit switch (according to model).
- Adjustable mounting bracket for flexible positioning.
- Simplified programming via display and pushbuttons
- Compliant with UL325 for Class I,II,III and IV applications

### TECHNICAL SPECIFICATIONS

Model	Z16	Z20
Input voltage	115 VAC (+10% -6%)	
Power	650 W	
Current	7 A	
Electric motor	0.65 KW (0.87 hp)	
Capacitor	70 uF	
Traction and thrust force	247 lbf (1100 N)	198 lbf (880 N)
Motor rotation speed	1700 r.p.m.	
Reduction ratio	1:30	
Gate max weight	4000 lb (1814 Kg)	2200 lb (998 Kg)
Gate speed	38 ft/min (11.6 m/min)	47 ft/min (14.3 m/min)
Gate max length	131 ft (40 m)	164 ft (50 m)
Use frequency	70%	
Thermal protection on motor winding	120 °C	
Clutch	Twin-disk in oil-bath	
Operating ambient temperature	-4°F - 131°F (-20°C - +55°C)	
Operator weight	32 lb (14.5 Kg)	
Dimensions (L x D x H)	10.8 x 7.5 x 15.3 in (275x191x336 mm)	
Protection class	IP 44	

## 844 ER

Model	Shipping Wt (approx)	Part no.
844 ER Z16 Pinion	44 lb (20 Kg)	1098371

The packages 844 ER Z16 pinion, designed for on-rack applications include: the operator with Z16 pinion and control board 780D, limit switch magnets, manual release key. NOTE: rack is not included.

## ACCESSORIES



**Foundation plate with side and height adjustments**

Part no.	737816
Shipping Wt	6 lb (2.7 Kg)



**Galvanised rack plus fittings.  
4 sections of 3.3 ft (1m) each**

Part no.	490122.1
Shipping Wt	24 lb (11 Kg)



**Pinion Z16 for rack**

Part no.	719130
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**Pinion Z20 for rack**

Part no.	719167
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**Safety edge XS 55 Kit**

Part no.	105531
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**CN 60 E Control unit for safety edge**

Part no.	785200
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**IRB-RET retroreflective photocell**

Part no.	2800
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Description	Shipping Wt (approx)	Part Number
780 D Control Board (replacement only)	1 lb (.45 Kg)	36000711
XP 30 Photobeam Photocells Pair		785105
XP 30 Stainless Steel Photobeam Photocells Pair		7851051
XP 30 adapter for wall or column mount		401065
XP 30 adapter for conduit connection		401064
Transmitter Rolling Code 433MHz		787453
Receiver Rolling Code 433Mhz		787856
Audio alarm enclosure		5000