

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

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Model	Shipping Wt (approx)	Part no.	Price
844 ER Z16 Pinion	44 lb (20 Kg)	1098371	\$2,397
844 ER Chain	50 lb (22.7 Kg)	1098951.5	\$2,397

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.

The package 844 ER Chain, designed for chain applications, includes: the operator with idle transmissions, Z16 sprocket and control board 780D, limit plates, chain mounting hardware with nickel plated master links, manual release key. NOTE: chain is not included.

ACCESSORIES



Foundation plate with side and height adjustments

Part no.	737816
Price	\$77
Shipping Wt	6 lb (2.7 Kg)



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

Part no.	490122
Price	\$245
Shipping Wt	24 lb (11 Kg)



#40 Nickel plated chain 10 ft length with master links

Part no.	2000
Price	\$72
Shipping Wt	5 lb (2.2 Kg)



#40 Stainless steel chain 10 ft length with master links

Part no.	2002
Price	\$215
Shipping Wt	5 lb (2.2 Kg)



Pinion Z16 for rack

Part no.	719130
Price	\$59



Pinion Z20 for rack

Part no.	719167
Price	\$59



Pinion Z16 for chain

Part no.	719137
Price	\$90



Pinion Z20 for chain

Part no.	719135
Price	\$98

Description	Shipping Wt (approx)	Part Number	Price
780 D Control Board (replacement only)	1 lb (.45 Kg)	79092112	\$668
Mounting pedestal 18 in. galvanized	18 lb (8.2 Kg)	2411	\$262
Photobeam Photocells Pair		785163	\$249
Transmitter Rolling Code 433MHz		787453	\$26
Receiver Rolling Code 433Mhz		787741	\$47
Audio alarm enclosure		5000	\$123