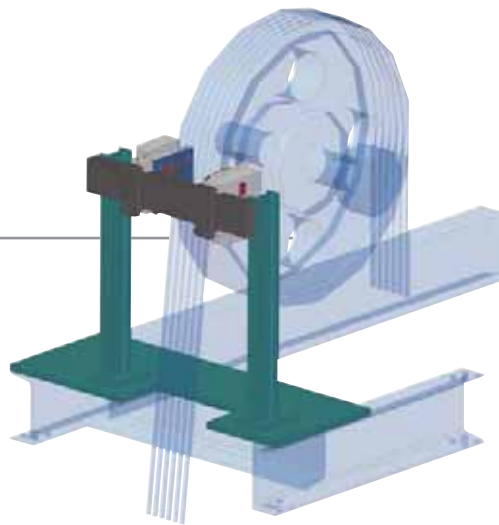




# ERS VAR14

## Electrically Released brake for Elevators



### *Sheave-Grip - Modular braking system for modernization*

The ERS VAR14 brake is an electrically released brake designed for modernization of gear motors. It has been designed to prevent ascending car overspeed and unintended movement and complies with Section 2.19 ASME A.17.1 and EN 81-1 / EN 81-80.

### **Elevator Applications**

- ◆ Modernization

Warner Electric is a world leader in the design and manufacturing of Electrically Released Brakes for the elevator market.

We offer a full range of brakes and specialize in customized solutions to meet your specific performance and installation requirements.

We have over 60 years of experience delivering high technology, cost effective braking systems. We offer production, engineering and application support from our facilities in Europe, Asia and U.S.A. Our engineers, factories and extensive sales network are at your service.

- ◆ EC 95/16 certified
- ◆ High modular braking system
- ◆ Standard braking force up to 6 000 N
- ◆ Torque according to your sheave diameter
- ◆ Acting directly on traction sheave
- ◆ Basic configuration : 2 magnets
- ◆ Easy to install

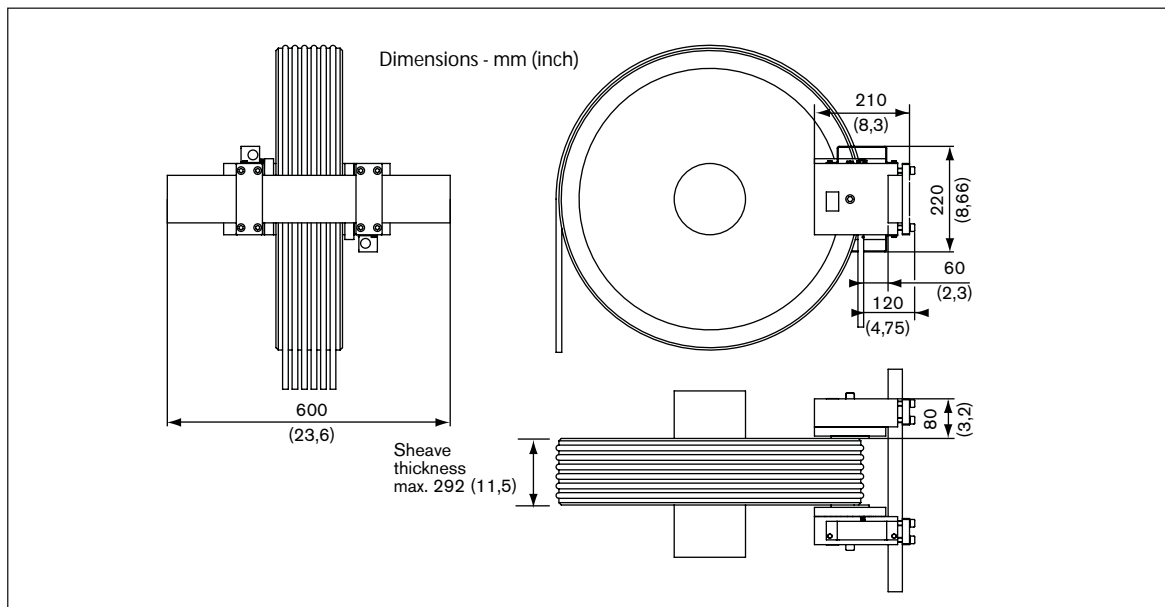


Industrie Service





# ERS VAR14



	<b>2 MAGNETS SILENT</b>			<b>2 MAGNETS</b>			
Model	ERS VAR14-01-S			ERS VAR14-01			
Part Number	1 12 106842	1 12 106843	1 12 106844	1 12 106847	1 12 106848	1 12 106849	1 12 106850
Braking force (Magnet A+B)	5000 N	4000 N	3000 N	6000 N	5200 N	4300 N	3500 N
<b>OPTION : Electric connection on the CBC140-5 power supply / Serial connection of the 2 magnets</b> - Part number 2 12 095515							
Nominal voltage	+5% / - 10%	230 VAC		TO BE ADVICE			
Nominal current (holding)		2,2 A					
Overexcitation (1,5 s)		4,4 A					
Power 20°C (holding)		116 W					
Overexcitation (1,5 s)		464 W					
<b>OPTION : Electric connection on the CBC140-5 power supply / Parallel connection of the 2 magnets</b> - Part number 2 12 095516							
Nominal voltage	+5% / - 10%	115 VAC		TO BE ADVICE			
Nominal current (holding)		2,2 A					
Overexcitation (1,5 s)		4,4 A					
Power 20°C (holding)		116 W					
Overexcitation (1,5 s)		464 W					
<b>Electric connection directly on the magnets (Data for 1 magnet)</b>							
Voltage (holding +5% / - 10%)		52 VDC		52 VDC			
Overexcitation (1,5 s)		103,5 VDC					
Nominal current (holding)		1,1 A		1,1 A			
Overexcitation (1,5 s)		2,2 A		4,5 A			
Power 20°C (holding)		58 W		58 W			
Overexcitation (1,5 s)		232 W					
ED		60 %		100 %			
Mass		31 kg (without connection rail)		31 kg (without connection rail)			
Airgap		0,4 mm		1 mm			
Temperature range (ambient)		-25 to +40°C		-25 to +40°C			
Magnet insulation		Class F 155°C		Class F 155°C			
Maximum speed		5 m/s (outer diameter of the sheave)		5 m/s (outer diameter of the sheave)			
<b>Switch data:</b>							
Switch voltage		24 VDC		24 VDC			
Switch current		10 to 100 mA		10 to 100 mA			



## WARNER ELECTRIC EUROPE

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