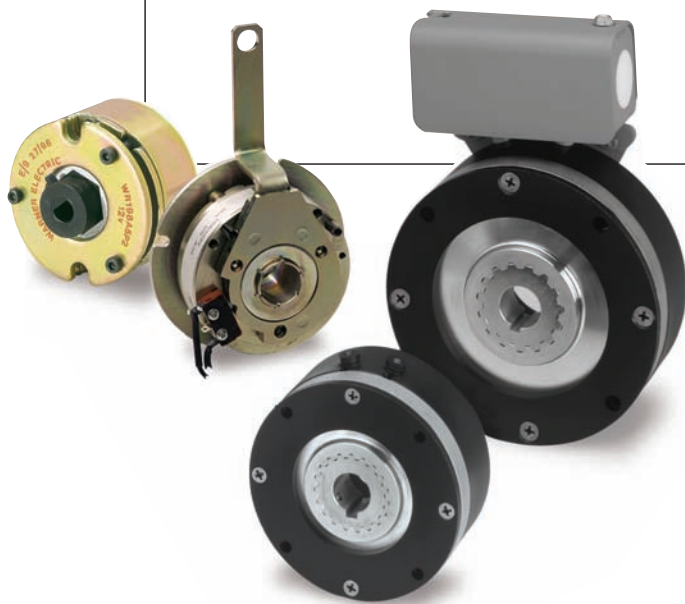




## Personal Mobility- Scooters & Wheelchairs



### Brakes for Parking and Emergency Stopping

#### WR Series - Custom Spring Applied, Electrically Released Brakes

WR Series Brakes are spring-set, electrically released brakes designed to provide holding functions as well as occasional dynamic stopping functions in emergency situations. WR Brakes are custom designed for your application, and are available in torque capacities from 4.4 lb-in to 53.1 lb-in.

#### ERS Series - Spring Applied, Electrically Released Brakes

ERS Series Brakes are spring-set, electrically released brakes designed to provide holding functions as well as occasional dynamic stopping functions in emergency situations. ERS Brakes are available in a wide range of bore sizes and models, with torque capacities from 18.0 lb-in to 1,200.0 lb-in.

For Technical Assistance Call

**800-825-9050**



*An Altra Industrial Motion Company*



## WR Series - Custom Spring-Set, Electrically Released Brake



WR Series Brakes are spring-set, electrically released brakes designed to provide holding functions as well as occasional dynamic stopping functions in emergency situations. Available in five models, Warner Electric works with you to tailor our WR Brake to your specific application, whether you require a custom bore, voltage, torque rating, or mounting flange. Optional features include a manual release lever and a micro switch.

- Power-off holding brake
- Compact, cost effective design
- Asbestos-free friction materials
- Corrosion resistant components
- Torque range: 4.4 lb-in to 53.1 lb-in (0.5 Nm to 6.0 Nm)

### Specifications (nominal values)

Model	Maximum Static Torque (lb-in)	Maximum Operating Speed (RPM)	Maximum Bore (inches)	Voltage (VDC)	Power (Watts)	Current (Amperes)	Resistance @ 68° F (Ohms)
WR-180	4.4 (0.5 Nm)	3,600	0.500 (12.0 mm)	12 24	8.2 8.8	0.684 0.365	17.6 65.8
WR-198-2	17.7 (2.0 Nm)	3,600	0.625 (17.0 mm)	12 24	9.5 9.4	0.795 0.392	15.1 61.3
WR-198-4	35.4 (4.0 Nm)	3,600	0.625 (17.0 mm)	12 24	11.0 11.0	0.916 0.457	13.1 52.6
WR-213-4	35.4 (4.0 Nm)	3,600	0.625 (17.0 mm)	12 24	15.2 12.7	1.270 0.529	9.5 45.4
WR-213-6	53.1 (6.0 Nm)	3,600	0.625 (17.0 mm)	12 24	18.4 18.4	1.536 0.768	7.8 31.3

## ERS Series - Spring-Set, Electrically Released Brake



ERS Series Brakes are spring-set, electrically released brakes designed to provide holding functions as well as occasional stopping functions in emergency situations. Available in five models, each with a broad range of bore size options, ERS Brakes are standard off-the-shelf units, which if necessary, are easily modified to accommodate a number of different mounting configurations, such as through bolt, tapped hole, or flange. With this wide range of models, we have the optimum size to match your requirements. In addition, ERS Brake modifications, such as metric bores, special voltages, and special torque ratings are available upon request.

- Flexible mounting
- Quick, quiet response for rapid engagement
- Space saving compact, low profile design
- Spline drive for high torque, minimal backlash and long life
- Torque range: 18.0 lb-in to 1,200.0 lb-in (2.0 Nm to 135.6 Nm)

### Specifications (nominal values)

Model	Maximum Static Torque (lb-in)	Maximum Operating Speed (RPM)	Maximum Bore (inches)	Voltage (VDC)	Power (Watts)	Current (Amperes)	Resistance @ 68° F (Ohms)	Maximum Diameter (in)	Inertia (lb-in <sup>2</sup> ) Unit	Inertia (lb-in <sup>2</sup> ) Hub	Weight (lbs) Unit	Weight (lbs) Hub
ERS-26	18.0 (2.0 Nm)	3,600	0.375 (9.0 mm)	24 90	17.6 16.0	0.733 0.178	22.8 506.5	2.46	0.03	0.004	1.20	0.06
ERS-42	84.0 (9.5 Nm)	3,600	0.750 (19.0 mm)	24 90	23.3 21.5	0.973 0.239	24.7 376.2	3.52	0.14	0.040	2.50	0.20
ERS-49	180.0 (20.3 Nm)	3,600	0.875 (22.0 mm)	24 90	27.3 25.8	1.136 0.287	21.1 313.6	4.27	0.45	0.060	4.30	0.25
ERS-57	408.0 (46.1 Nm)	3,600	1.000 (25.0 mm)	24 90	36.2 35.2	1.510 0.391	15.9 230.1	5.02	0.54	0.110	6.50	0.38
ERS-68	1,200.0 (135.6 Nm)	2,000	1.500 (38.0 mm)	24 90	54.9 51.9	2.286 0.577	10.5 155.9	6.52	1.44	0.550	11.30	0.75



#### Warner Electric

449 Gardner Street • South Beloit, IL 61080

815-389-3771 • Fax: 815-389-2582

www.warnerelectric.com

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