



# Custom Designed Electrically Released Spring-Set Holding Brakes

**Ideal for Medical Mobility Applications**

## WR Brakes

WR Units are highly reliable devices designed as statically engaged/disengaged holding brakes. These brakes provide low cycle rate stopping action in emergency situations. Compact WR brakes are specifically designed for static engagement and feature available manual release and optional limit switch to disconnect power when released.

Warner Electric approaches every application from the standpoint of finding the absolute best functional solution. Built-in flexible design allows WR Brakes to be customized to fit many applications.

## WR Brakes are suited for various applications:

- Patient Hoists
- Stair Lifts
- Handheld Power Tools
- Medical X-Y Positioning
- Conveyors
- Machine Tools
- Lawn Mowers
- Robotics
- Floor Sweepers/Cleaners



# Spring-Set Holding Brakes

Three basic types of WR Brakes are available to meet your specific application requirements.



## WR-213 Series

Ideally suited for the powered wheelchair and scooter market with its optional manual release and micro switch.

### Features

- Easily modified flange mount
- Two manual release designs available
- 0.625" maximum bore
- Optional microswitch available
- 6.0 N-m torque capacity



## WR-198 Series

Can be used for both static and semi-dynamic applications, depending on the friction material used.

### Features

- Extremely compact size
- 5/16" maximum bore
- Flange or magnet mount available
- 4.0 N-m torque capacity



## WR-180 Series

Extremely compact design intended for use in static applications.

### Features

- Flange or magnet mount available
- 0.375" maximum bore
- 0.5 N-m standard torque

## Specifications

Series	Static Torque	Maximum Operating Speed	Shaft Sizes	Current* Draw (amps)			Resistance at* Ambient Temp. (ohms)		
				12v DC	24v DC	90v DC	12v DC	24v DC	90v DC
WR-213	53 in.lb. (6.0 N-m)	3,600	0.625 (16.0)	1.23	0.53	0.14	9.7	45.4	659.60
WR-198	35 in.lb. (4.0 N-m)	3,600	0.375 (10.0)	0.718	0.389	0.121	16.7	61.6	745
WR-180	4.43 in.lb. (0.5 N-m)	3,600	0.312 (8.0)	0.685	0.364	0.093	17.5	65.8	974

\* Current draw and resistance values are for 4.0 N-m (WR-213) and 2.0 N-m (WR-198) units.