

Ø150MM WHEEL W/ Ø80 MM ELECTROMAGNETIC BRAKE

BRAKES WITH THE POWER & REABILITY OF ELECTRIC

- Long lasting thanks to new friction material.
- Fully proportional, without residue.
- Optional ABS with selected Electron controllers.
- PNP System, mounting shaft included (dimensional drawing attached)



SPECIFICATIONS

Operating Voltage	8 - 24 V (DC)
Brake Torque (Brake Temp: 20° C)	Powered @ 8V DC: 112,5 kg*cm // 11 N*m
	Powered @ 12V DC: 150 kg*cm // 14.7 N*m
	Powered @ 24V DC: 205 kg*cm // 20.1 N*m
Maximum RPM	7.000 RPM
Weight	810 g (per wheel & brake)
Tire Max. Operating pressure	6.3 bar / 90 PSI
Operating limits (per wheel)	Static load: 80 kg at 100 km/h
	Max. static load: 1,0 kN / 224 lbs
	Max. limit load: 2,8 kN / 630 lbs



WARNING, PLEASE READ

This brake is not to be used as a parking brake. Due to the nature of the electromagnetic brake, it will generate heat when voltage is received. Please make sure the following continuous use times are not exceeded, otherwise the brake will be damaged:

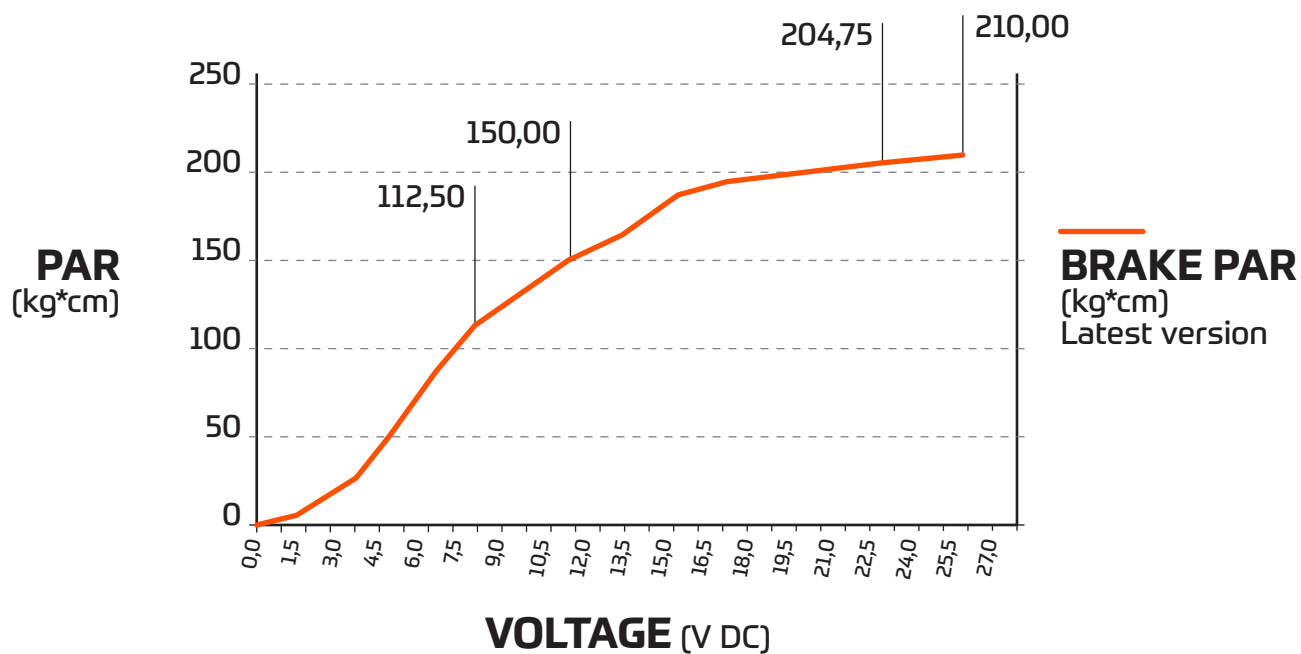
Max. operation time at 12 V DC: 120 s

Max. operation time at 28 V DC: 40 s

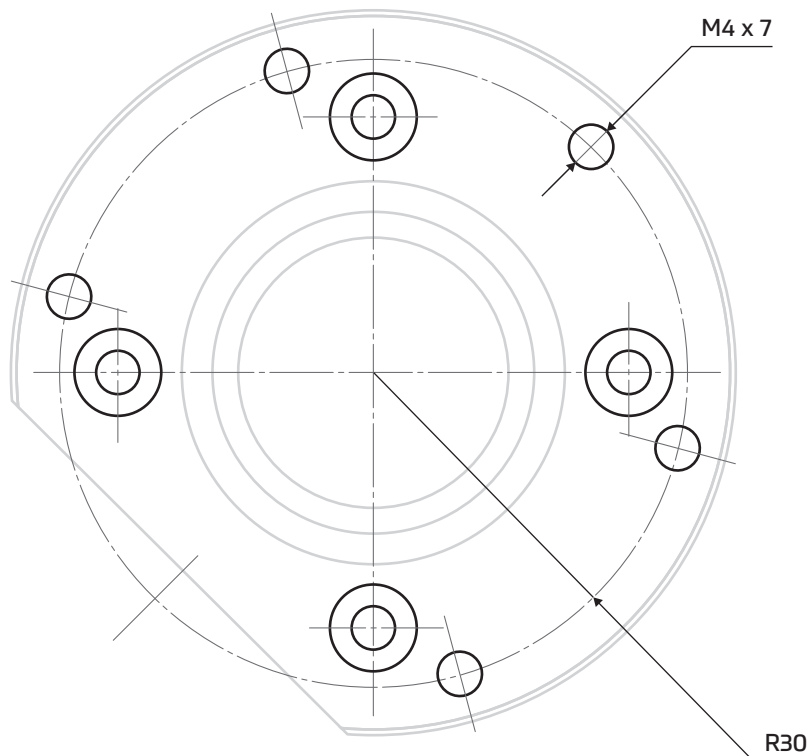
The friction surface will eventually wear off. When the disk starts to touch the electromagnet body because of the wear off, it can be remachined to recover it. Please contact us in such cases.

BRAKE PAR (PER BRAKE UNIT)

Ø80 MM BRAKE FOR Ø150 MM WHEEL



MOUNT INTERFACE DRAWING



Technical data may be subject to change without previous notice.

For custom designs of this product, please contact us at info@electron-retracts.com

For the most recent specifications, visit: www.electron-retracts.com

Please request detailed drawings here: info@electron-retracts.com or download from our website: www.electron-retracts.com/downloads



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