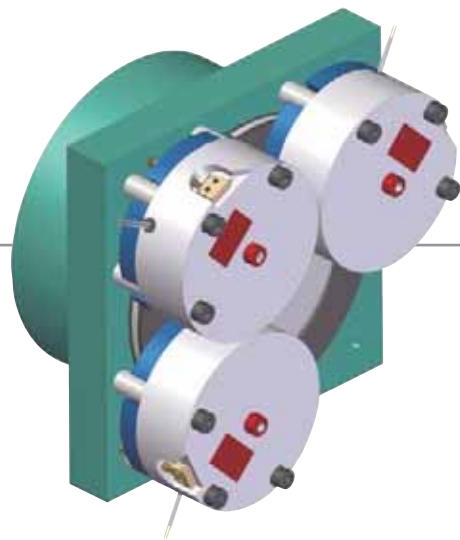




ERS VAR15-02

Electrically Released brake for Elevators



High modular braking system for gearless motors

The ERS VAR15-02 is a concept of electrically released safety brake with fixed magnets and a floating disc. In order to comply to the EN81-1, at least 2 magnets are necessary (redundancy fulfilled).

Elevator Applications

- ◆ Gearless motors

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
- ◆ Compact and modular design : from 2 up to 4 magnets in standard configuration
- ◆ Hand release on request
- ◆ Torque capacity in accordance with the diameter of braking disc and number of magnets
- ◆ Nearly maintenance free
- ◆ Install directly on the drive housing or additional flange
- ◆ Microswitch equipped upon request
- ◆ Overexcitation or monotension voltage

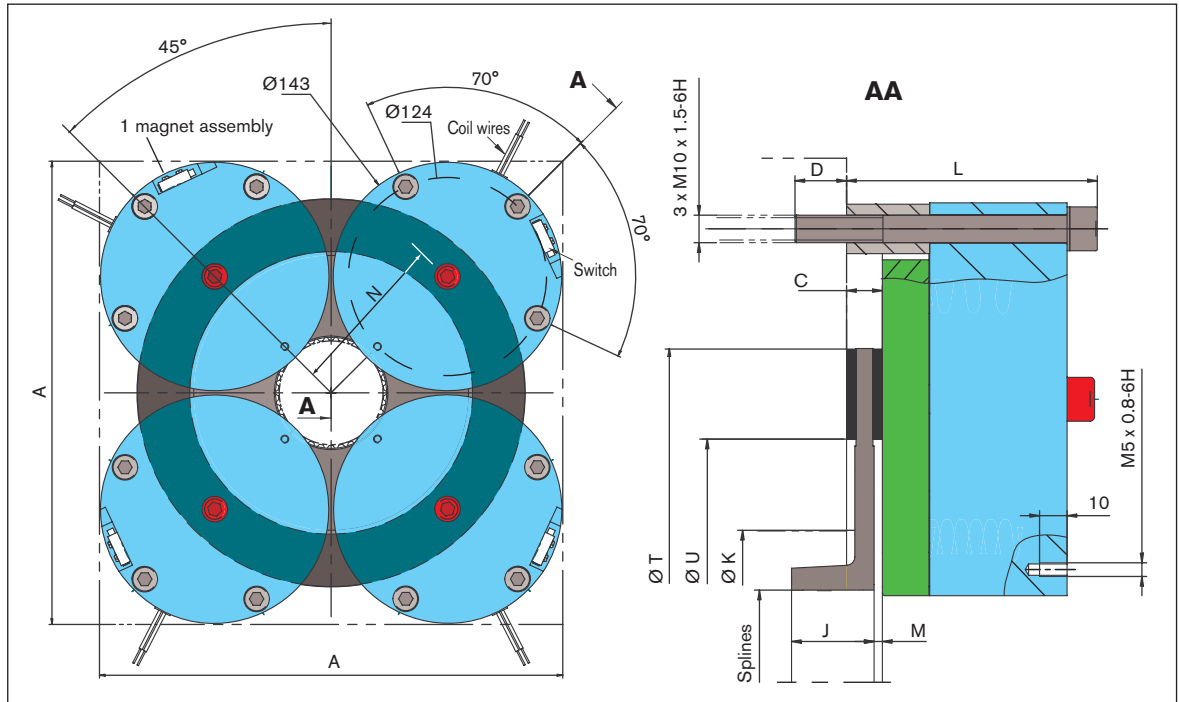


Industrie Service





ERS VAR15-02



Specifications / Technische Daten

1 magnet assembly mass <i>Gewicht pro Bremsmagnete</i>	kg	max. 8,5				
Max. speed / Max. Drehzahl	m/s	4,3				
Connection / Anschluss	-	Leads / Draht				
Disc size <i>Grösse Scheibe</i>	-	1*	2	3	4*	
Torque per magnet assembly at max. speed <i>Drehmoment per Magnet mit Max. Drehzahl</i>	With OEX <i>Mit Übererregung</i>	Nm	195	220	250	315
	Without OEX <i>Ohne Übererregung</i>	Nm	175	200	225	284
Max torque allowed <i>Max. zulässiges Drehmoment</i>	Nm	-	880	1000	-	
Max. quantity of magnet assemblies <i>Max. Anzahl Bremsmagnete</i>	-	3	4	4	6	
Splines available <i>Mögliche Verzahnung</i>	-	-	DIN 5480 N70x2x30°x34x8H N67x3x30°x21x8H	DIN 5480 N70x2x30°x34x8H N67x3x30°x21x8H	-	

Dimensions / Abmessungen

Disc size <i>Grösse Scheibe</i>		1*	2	3	4*
A	mm	271	290	315	357
C	mm	13	13	13	15
D	mm	19	19	19	17
J	mm	-	30	30	-
Ø K	mm	-	99	99	-
L	mm	91	91	91	93
M	mm	3	3	3	2
N	mm	89	103	119	150
Ø T	mm	220	243	275	338
Ø U	mm	150	177	200	260

* In development
In Entwicklung

Voltage / Spannung (VDC)

Tolerances on the supply voltage at the brake terminals
+5% / -10% (NF C 79-300).

Die Spannungstoleranz an der Anschlussterminal der
Bremse beträgt +5% / -10% (NF C 79-300).

With Overexcitation <i>Mit Übererregung</i>		Without Overexcitation <i>Ohne Übererregung</i>
Holding voltage <i>Haltespannung</i>	Overex. voltage <i>Übererregung</i>	Holding voltage <i>Haltespannung</i>
103,5	207	207
		24
ED = 60 %		



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