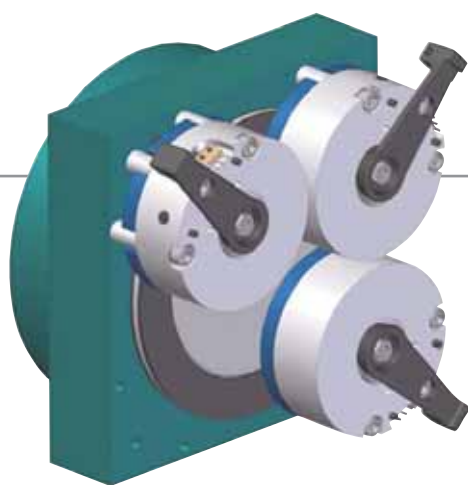




ERS VAR15-01

Electrically Released brake for Elevators

High modular braking system for gearless motors



The ERS VAR15-01 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
- ◆ Inatall directly on the drive housing or additional flange
- ◆ Microswitch equipped upon request
- ◆ Overexcitation or monotension voltage

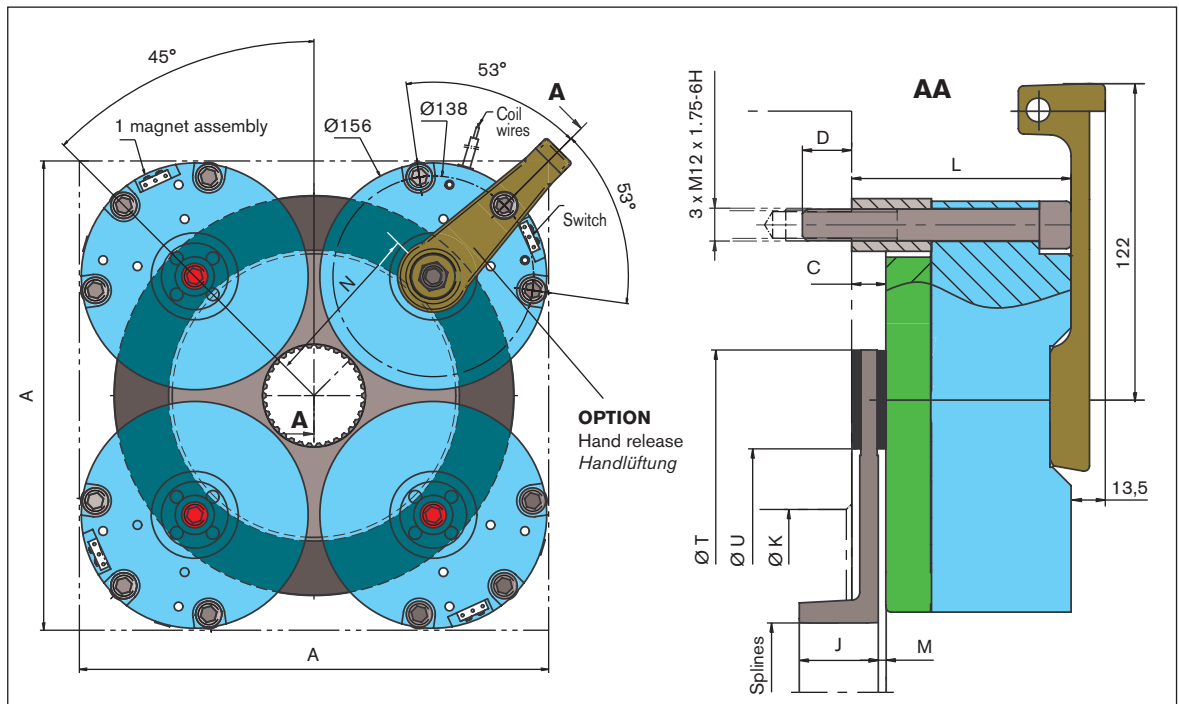


Industrie Service





ERS VAR15-01



Specifications / Technische Daten

1 magnet assembly mass <i>Gewicht pro Bremsmagnete</i>	kg	max. 9,5			
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>	Nm	270	310	350	400
Max torque allowed <i>Max. zulässiges Drehmoment</i>	Nm	-	930	1400	-
Max. quantity of magnet assemblies <i>Max. Anzahl Bremsmagnete</i>	-	2	3	4	5
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 (without hand release) <i>(Ohne Handlüftung)</i>	mm	285	301	323	367
C	mm	13	13	13	15
D	mm	19	19	19	17
J	mm	-	30	30	-
Ø K	mm	-	99	99	-
L	mm	84	84	84	86
M	mm	3	3	3	2
N	mm	88	101	116	149
Ø T	mm	220	243	275	338
Ø U	mm	150	177	200	260

Voltage / Spannung (VDC)

* In development
In Entwicklung

Tolerances on the supply voltage at the brake terminals +5% / -10% (NF C 79-300).
Die Spannungstoleranz an der Anschlussklemme der Bremse beträgt +5% / -10% (NF C 79-300).

With Overexcitation <i>Mit Übererregung</i>	
Holding voltage <i>Haltespannung</i>	Overex. voltage <i>Übererregung</i>
103,5	207
52	103,5
24	48
ED = 60 %	



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