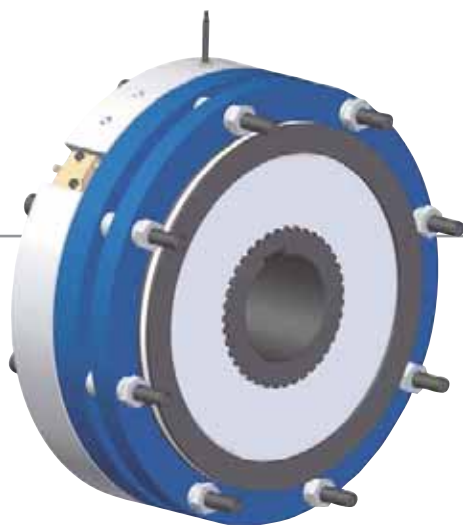




ERS VAR10

Electrically Released brake for Elevators



To prevent ascending car overspeed and unintended movement

The ERS VAR10 is an electrically released fail-safe brake designed to prevent ascending car overspeed and unintended movement.

The ERS VAR10 is particularly suitable for newly build gear motors to meet EN 81-1 conformity.

Elevator Applications

- ◆ Gear motors
- ◆ 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.

- ◆ Compact design
- ◆ Torque capacity : 1000 to 5000 Nm
- ◆ Single magnet and 2 friction discs
- ◆ EC 95/16 certified
- ◆ No airgap adjustment required
- ◆ Very easy installation
- ◆ Microswitch equipped upon request
- ◆ Dust cover and hand release on request
- ◆ Nearly maintenance free (further information in our service manual)
- ◆ Overexcitation or monotonous voltage



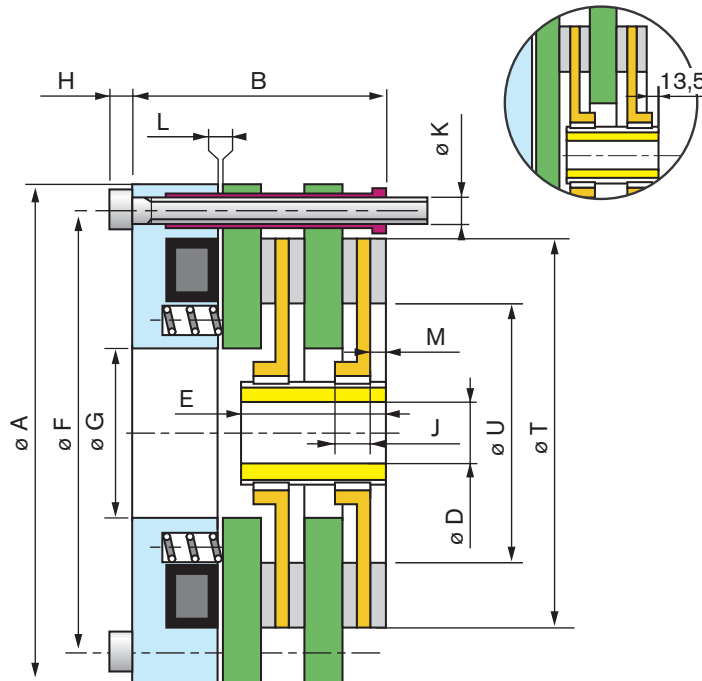
Industrie Service

 **Warner**
Electric



ERS VAR10

Size/Größe 5000



Voltage / Spannung (VDC)

With Overexcitation Mit Übererregung	
Holding voltage Haltespannung	Overex. voltage Übererregung
24	48
52	103.5
103.5	207
ED = 60 %	

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).

Size - Größe		1000	1600	2500	5000	
Nominal Torque Nenn Drehmoment	With Overexcitation Mit Übererregung	Nm	1000	1600	2500	5000
Max. speed / Max. Drehzahl		min ⁻¹	250	250	250	120
A		mm	254	294	332	395
B		mm	122,7	132,5	118,5	166,5
D Standard H7		mm	45	60	80	Splines / Zahnabe*
H		mm	13,1	17,3	13,1	13,1
E		mm	110	120	110	70
F		mm	230	264	305	369
G		mm	88	115	145	0
J		mm	30	30	130	28
K			4 x M12	4 x M16	8 x M12	8 x M12
L nominal		mm	0,30	0,35	0,45	0,5
M		mm	5	3	3	5,5
T		mm	204	220	275	338
U		mm	135	175	230	300
Weight / Gewicht		kg	35	55	60	124
Inertia / Massenträgheitsmoment		kgcm ²	162	168	480	1560
Connection / Anschluß			Cable / Kabel - Length / Länge 400 mm			

* Splines / Zahnabe DIN 5480 - N85 x 3 x 30 x 27 x 9H

Keyway according DIN 6885, tolerance P9. The working keyway length is equal to the hub length.
Paßfeder gemäss DIN 6885, Toleranz P9. Die Paßfeder muss auf der gesamten Länge der Nabe tragen.



WARNER ELECTRIC EUROPE

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