



ERS VAR08

Electrically Released brake for Elevators



To prevent ascending car overspeed and unintended movement

The ERS VAR08 is an electrically released failsafe brake designed to prevent ascending car overspeed and unintended movement.

The ERS VAR08 is particularly suitable for new 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
- ◆ Standard torque capacity : 50 to 1700 Nm
- ◆ Single magnet and single friction disc
- ◆ 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 monotension voltage

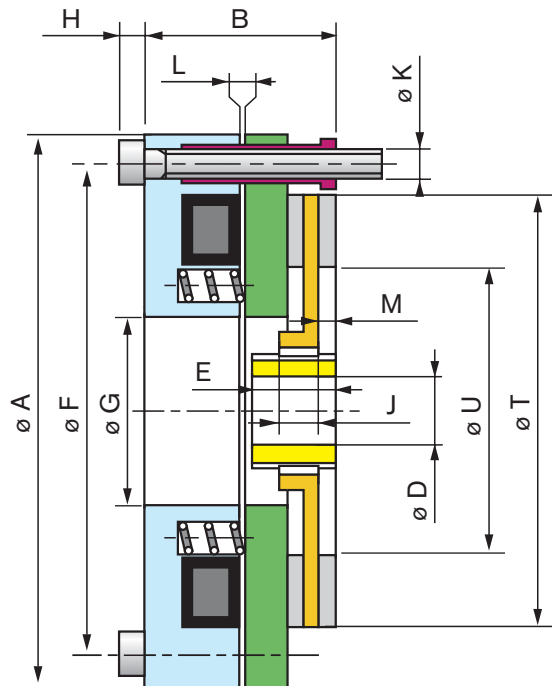


Industrie Service





ERS VAR08



Voltage / Spannung (VDC)

With Overexcitation Mit Übererregung		W/o Overex. Ohne Übererregung
Holding voltage Haltespannung	Overex. voltage Übererregung	Voltage Spannung
24	48	24
52	103.5	-
103.5	207	207
ED = 60 %		

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).

Size - Größe			50	90	150	260	550	900	1700
Nominal Torque Nenn Drehmoment	With Overexcitation Mit Übererregung	Nm	-	-	-	-	550	900	1700
	W/o Overexcitation Ohne Übererregung	Nm	50	90	150	260	350	600	1200
Max. speed / Max. Drehzahl		min ⁻¹	3600	2600	2300	1900	250	250	250
A		mm	147	162	188	215	254	294	332
B		mm	54,5	64	71	83	87	97,5	85,5
D Standard H7		mm	25	25	35	40	45	60	80
H		mm	6,7	9	9	0	13,1	17,3	13,1
E		mm	25	30	30	40	60	60	70
F		mm	132	145	170	196	230	264	305
G		mm	51	60	70	77	88	115	145
J		mm	25	22	22	35	30	30	30
K			3 x M6	3 x M8	4 x M8	6 x M8	4 x M12	4 x M16	8 x M12
L nominal		mm	0,30	0,30	0,30	0,30	0,30	0,30	0,35
M		mm	3	4,25	4	4,5	5	3	3
T		mm	116	125	150	174	204	220	275
U		mm	80	90	102	127	135	175	230
Hand release / Handlüftung			OPTION				Not available / Nicht lieferbar		
Weight / Gewicht		kg	4,6	6,5	10	15,2	26	42	45
Inertia / Massenträgheitsmoment		kgcm	2,6	21,7	36,5	41	86	84	240
Connection / Anschluß			Cable / Kabel - Length / Länge 400 mm						

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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