



ERS VAR09

Electrically Released brake for Elevators



Designed to offer a double braking system

The ERS VAR09 is an electrically released failsafe brake that operates in static & emergency stops.

The ERS VAR09 is particularly suitable for gearless motors to meet EN 81-1 conformity.

Elevator Applications

- ◆ Gearless motors
- ◆ Gear 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.

- ◆ Redundant system in accordance with EN81-1
- ◆ Compact design
- ◆ EC 95/16 certified
- ◆ Standard torque capacity : 2 x 35 Nm to 2 x 1700 Nm
- ◆ 2 magnets and 2 discs
- ◆ Dust cover and hand release upon request
- ◆ No airgap adjustment required
- ◆ Very easy installation
- ◆ Microswitch equipped upon request
- ◆ Nearly maintenance free (further information in our service manual)
- ◆ Overexcitation or monotension

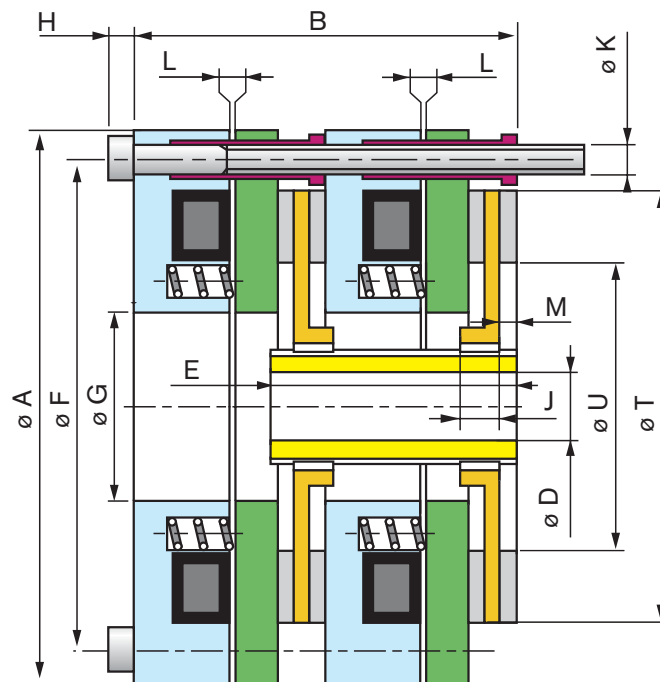


Industrie Service

 **Warner**
Electric



ERS VAR09



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	-	-	-	-	2 x 550	2 x 2900	2 x 1700
	W/o Overexcitation Ohne Übererregung	Nm	2 x 50	2 x 90	2 x 150	2 x 260	2 x 350	2 x 600	2 x 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	109	128	142	166	174	195	170,7
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	65	75	85	100	110	120	125
F		mm	132	145	170	196	230	264	305
G		mm	51	60,7	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	9,2	13	22	31,2	51	84	84
Inertia / Massenträgheitsmoment		kgcm	5,2	43,4	73	82	162	168	480
Connection / Anschluß			Cable / Kabel - Length / Länge 400 mm						

Keyway according to 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.



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