

ERS FENIX 10 for the Elevator Market



Elevator Applications

- Gearless Motors
- Gear Motors

ELECTRICALLY RELEASED BRAKE FOR ELEVATORS

Electrically Released Brake

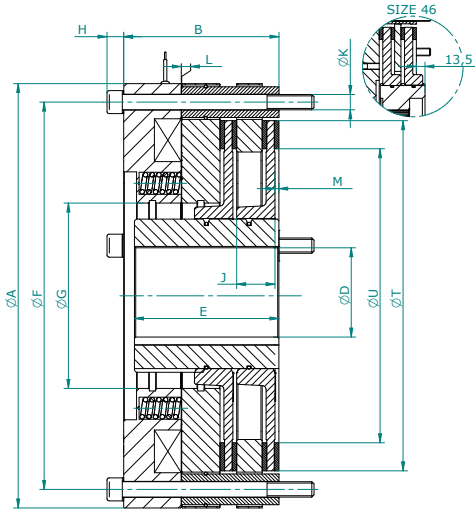
The ERS FENIX 10 is an electrically released brake that is intended to prevent ascending car overspeed and unintended movement. The ERS FENIX 10 is suitable for new build gear motors to meet EN81-20&50 conformity.

- Complies with Directive 2014/33/EU
- Compact design with torque from 200Nm up to 4600Nm
- Single magnet and two friction disc
- Available with optional dustcover and hand release
- Low noise operation through the life of the brake
- Very easy installation
- Micro switch equipped
- Nearly maintenance free (further information in our service manual)
- Overexcitation (dual voltage) or single voltage

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Altra Industrial Motion

ERS FENIX 10

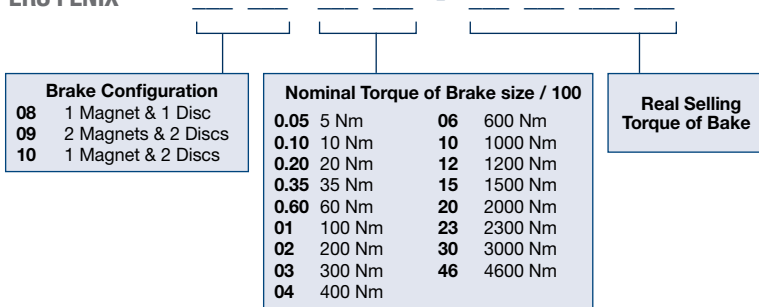


Voltage (VDC)

With Overexcitation		Without Overexcitation
Holding Voltage	Overexcitation Voltage	Single Voltage
24	48	24
52	103.5	-
103.5	207	207
ED=50%		

Size		02	04	06	12	20	30	46				
Maximum Torque	Nm	200	240	400	500	600	900	1600	1800	2600	3500	4600
Cert. Max Speed	Nm	1200	800	1000	600	800	500	400	300	250	250	250
A	Nm	166	194	234	274	332	352	395				
B	RPM	98	103	109	124	121	151	170				
D Standard H7	mm	Can vary depending on customer specifications										
E	mm	Can vary depending on customer specifications										
F	mm	145	170	214	250	303	320	358				
G	mm	59	70	80	98	145	145	165				
H	mm	9.4	9.4	9.4	11.6	13.1	13.1	17.3				
J	mm	13	13	13	30	30	30	28.5				
K	mm	3xM8	3xM8	6xM8	4xM10	4xM12	6xM12	4xM16				
L Nominal	mm	0.4	0.4	0.4	0.4	0.4	0.5	0.5				
T	mm	125	150	193	225	275	290	325				
U	-	90	116	145	175	230	250	280				
Hand- Release	mm	OPTION										
Weight	mm	12	16.5	26	40	52	86	110				

ERS FENIX



Example of name: **ERS FENIX 10 12-1200**
 (Brake with 1 magnets, 2 discs, nominal torque of size = 1200Nm, real torque of size = 1200Nm)