

# ERS FENIX 10 for the Elevator Market



## Elevator Applications

- Gearless Motors
- Gear Motors

## ELECTRICALLY RELEASED BRAKE FOR ELEVATORS

### Electrically Released Brake

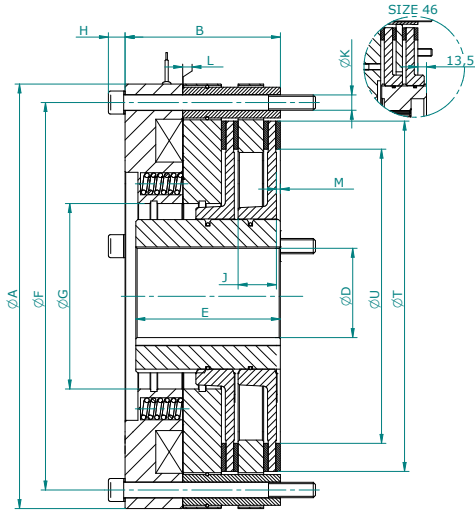
The ERS FENIX 10 is an electrically released brake that is intended to prevent ascending car overspeed and unintended movement. The ERS FENIX 10 is suitable for new build gear motors to meet EN81-20&50 conformity.

- 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

[www.warnerelectric.com](http://www.warnerelectric.com)

 **Warner Electric**<sup>®</sup>  
Altra Industrial Motion

## ERS FENIX 10

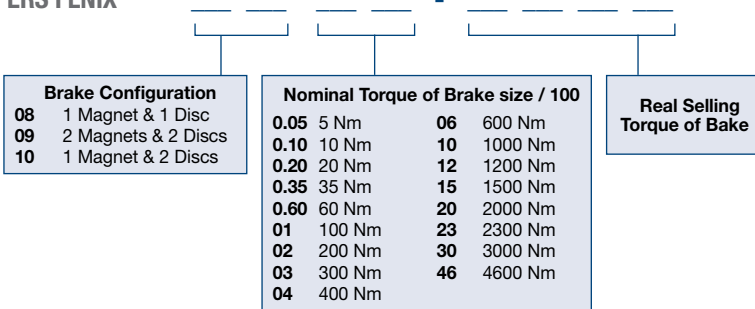


### Voltage (VDC)

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	RPM	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														
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)