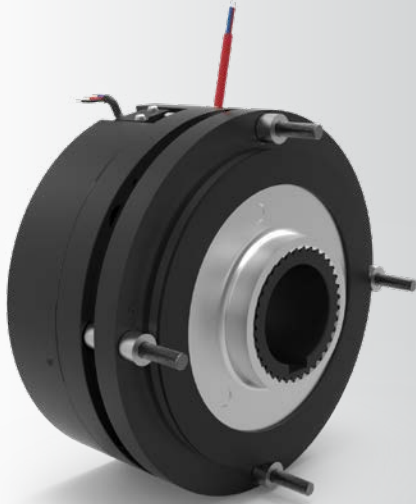


ERS FENIX 10 for the Elevator Market



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.

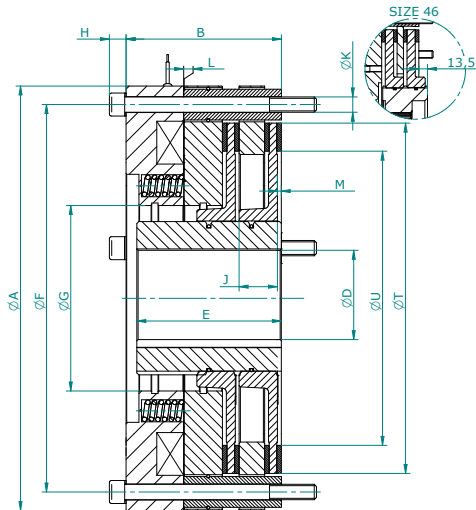
- Complies with Directive 2014/33/EU
- Compact design with torque from 200Nm up to 4600Nm
- Single magnet and two friction disc
- Available with optional dustcover and hand release
- Low noise operation through the life of the brake
- Very easy installation
- Micro switch equipped
- Nearly maintenance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

Customer drawing available on request

www.warnerelectric.com

WARNER ELECTRIC™
A REGAL REXNORD BRAND

ERS FENIX 10



Voltage (VDC)

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

Size		02		04		06		12		20		30		46	
High Speed / High Energy	Nm	140	260	300	500	400	800	1150	1600	1800	2700	3000	4000	3400	5000
Cert. Max Speed	RPM	2600	1200	2800	1000	2200	800	1900	600	1500	500	1400	400	1200	400
A	mm	166		194		234		274		332		365		395	
B	mm	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		330		360	
G	mm	59		70		80		98		145		145		188	
H	mm	9.4		9.4		9.4		13.1		13.1		17.3		17.3	
J	mm	16		13		13		30		30		30		28.5	
K	mm	3xM8		3xM8		6xM8		3xM12		4xM12		4xM16		4xM16	
L Nominal	mm	0.4		0.4		0.4		0.4		0.4		0.5		0.5	
T	mm	125		150		194		222		275		296		325	
U	-	90		116		145		175		230		230		210	
Hand-Release	mm	OPTION													
Weight	kg	12		17.3		25.2		38		50		76		104	

ERS FENIX

Brake Configuration		Nominal Torque of Brake size / 100		Real Selling Torque of Brake
08	1 Magnet & 1 Disc	0.05	5 Nm	
09	2 Magnets & 2 Discs	0.10	10 Nm	
10	1 Magnet & 2 Discs	0.20	20 Nm	
		0.35	35 Nm	
		0.60	60 Nm	
		01	100 Nm	
		02	200 Nm	
		03	300 Nm	
		04	400 Nm	
		06	600 Nm	
		10	1000 Nm	
		12	1200 Nm	
		15	1500 Nm	
		20	2000 Nm	
		23	2300 Nm	
		30	3000 Nm	
		46	4600 Nm	

Example of name: **ERS FENIX 10 12-1200**

(Brake with 1 magnets, 2 discs, nominal torque of size = 1200Nm, real torque of size = 1200Nm)