

ERS FENIX 09 for the Elevator Market



Elevator Applications

- Gearless Motors
- Gear Motors

ELECTRICALLY RELEASED BRAKE FOR ELEVATORS

Electrically Released Safety Brake

The ERS FENIX 09 is an electrically released safety brake that operates in static and emergency stops that is designed to offer a double braking system. The ERS FENIX 09 is particularly suitable for gearless motors to meet EN81-20&50 conformity.

- Complies with Directive 2014/33/EU
- Standard torque capacity from 2x5Nm up to 2x2300Nm
- 2 magnets and 2 friction discs
- 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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WARNER ELECTRIC[™]

A REGAL REXNORD BRAND

ERS FENIX

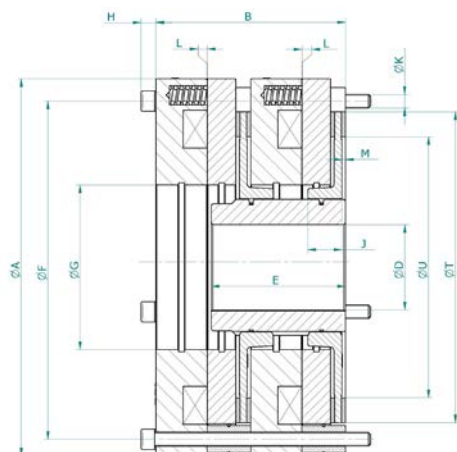
ERS PENIX

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

Example of name: **ERS FENIX 09 10-1000**

(Brake with 2 magnets, 2 disc, nominal torque of size = 1000Nm, real torque of size = 1000Nm)

ERS FENIX 09



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		01	02	03	06	10	15	23							
High Speed I High Energy	Nm	2x 70	2x 130	2x 150	2x 250	2x 200	2x 400	2x 575	2x 800	2x 900	2x 1350	2x 1500	2x 2000	2x 1700	2x 2500
Cert. Max Speed	RPM	3000	1200	2800	1000	2200	800	1300	600	1500	500	1400	400	1200	400
A	mm	166		194		234		274		332		365		395	
B	mm	151		162		156		196		182		226		250	
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	13		13		13		30		30		30		28.5	
K	-	3xM8		3xM8		6xM8		3xM12		4xM12		4xM16		4xM16	
T	mm	125		150		194		222		275		296		325	
U	mm	90		116		145		175		230		230		210	
Hand- Release	-	OPTION													
Weight	Kg	20		28		42		68		82		138		170	

Size		0.05		0.10		0.20		0.35		0.60	
High Speed High Energy	Nm	5	7.5	10	15	20	30	35	50	60	75
Cert. Max Speed	RPM	5000	2000	5000	2000	4600	1700	4000	1500	3500	1200
A	mm	86		98		133		153		164	
B	mm	106		108		104		104		120	
C	mm	3.2		3.2		6		6		6	
D	mm	Can vary depending on customer specifications									
E	mm										
F	mm	72		90		112		132		145	
G	mm	26		31		43.5		51		52	
ØK	mm	3xM4		3xM5		3xM5		3xM6		3xM8	
AA	mm	86		98		133		153		164	
T	mm	60		77		96		116		125	
U	mm	48		60		68		80		90.5	
Hand release	-	OPTION									
Weight	Kg	3.4		4		8		10.8		13.4	

