

ERS FENIX 09 for the Elevator Market



Elevator Applications

- Gearless Motors
- Gear Motors

ELECTRICALLY RELEASED BRAKE FOR ELEVATORS

Electrically Released Failsafe Brake

The ERS FENIX 09 is an electrically released failsafe 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

www.warnerelectric.com



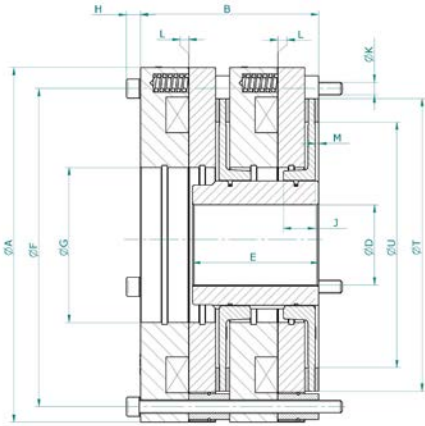
ERS FENIX

Brake Configuration	Nominal Torque of Brake size / 100		Real Selling Torque of Brake
08 1 Magnet & 1 Disc	0.05 5 Nm	06 600 Nm	
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	Can vary depending on customer specifications													
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 I 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	Can vary depending on customer specifications									
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					

