

ERS FENIX 08 for the Elevator Market



Elevator Applications

- Gearless Motors
- Gear Motors

ELECTRICALLY RELEASED BRAKE FOR ELEVATORS

Electrically Released Brake

The ERS FENIX 08 is an electrically released brake that is intended to prevent ascending car overspeed and unintended movement. The ERS FENIX 08 is suitable for new build gear motors to meet EN81-20&50 conformity.

- Complies with Directive 2014/33/EU
- Compact design with torque from 5Nm up to 2300Nm
- Single magnet and single 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®
Altra Industrial Motion

ERS FENIX

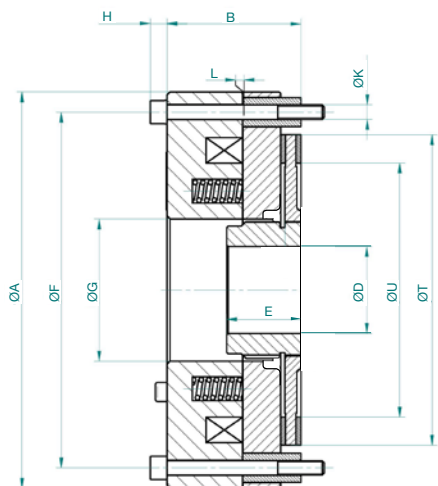
ERS FENIX

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 08 10-1000**

(Brake with 1 magnets, 1 disc, nominal torque of size = 1000Nm, real torque of size = 1000Nm)

ERS FENIX 08



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 High Energy	Nm	70	130	150	250	200	400	575	800	900	1350	1500	2000	1700	2500
Cert. Max Speed	RPM	3000	1200	2800	1000	2200	800	1900	600	1500	500	1400	400	1200	400
A	mm	166	194	234	274	332	365	395							
B	mm	75	81	78	98	91	113	125							
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							
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	10	14	21	34	41	69	85							

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	53		54		52		52		60	
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	1.7		2		4		5.4		6.7	

