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ELECTROMAGTNETIC BRAKE ELB

Description and designation:

Electromagnetic brake is specified for lifting drives of new generation, where the braking is realized at the side of drive near wheel, or direct on the friction wheel has created the friction area for this reason.
The brake is designed as one-direction electromagnet with compression springs. The braking force is transferred through the electromagnet anchor and braking lining to the brake wheel. Emergency brake release of electromagnets (at electric power dropout) it is possible by back-up power supply. For the request, brakes can be supplied with possibility of mechanical brake release. Microswitch performs the brake release inspection that can serve also for change of holding supply voltage of brake. Electromagnetic brakes are made as idle, whereupon it is not expected the brake lining wearing. Brake lining is asbestos-free with friction coefficient f=0,4.

Marking:

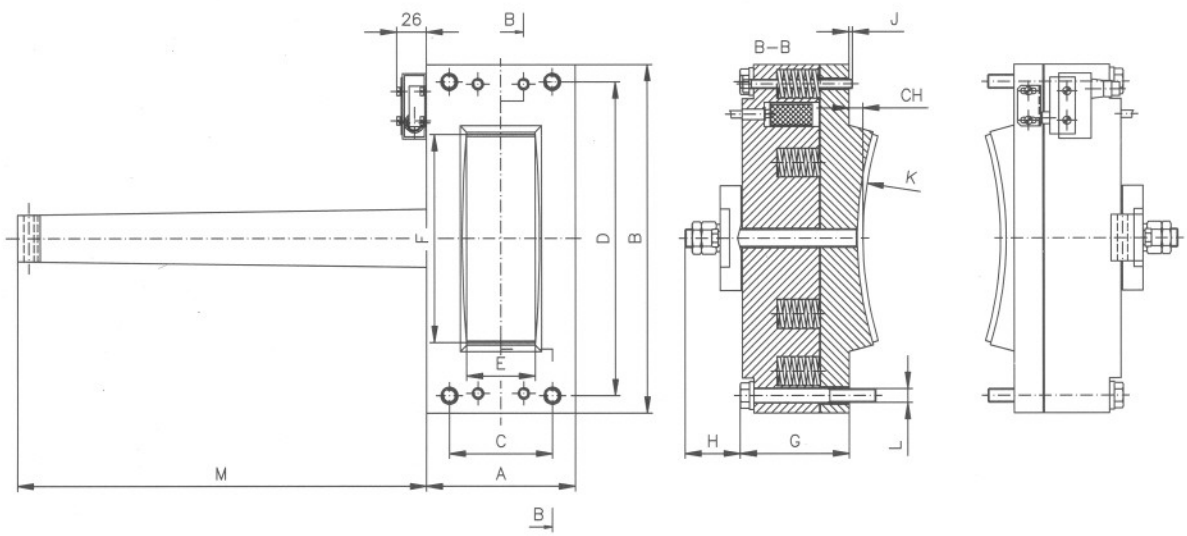
ELB X X X . X / X X

- Code of arm for mechanical braking
- Brake supply power code
- Braking force code of brake
- Braking wheel diamete
- Electromagnetic Lift Brake

Input voltage:
1 – 200 V
2 – 24 V
4 – 48 V

Code of arm for mechanical braking:
0 – with arm
1 – without arm

Dimension sketch:



Typ	A	B	C	D	E	F	G	H	CH	J	K*	L	M	Braking force (N)	Veigth (kg)
ELB 600.10	130	300	90	270	60	180	95	48	12	3	R300	M12	360	11 220	29
ELB 600.8	130	300	90	270	60	180	95	48	12	3	R300	M12	360	8 976	29
ELB 400.6	120	250	75	220	60	150	88	0	10	13	R201.25	M8	0	6 732	22
ELB 400.4	120	250	75	220	60	150	88	0	10	13	R201.25	M8	0	4 488	22

*- It is possible to modify according to the customer's request

Manufacturer reserves his right of technical changes that has not the effect for base technical parameters in the period of the catalogue validity.