

4.2 Rated data

Electrical data				
	R_B	P_d	Q_B	U_{max}
	[Ω]	[W]	[kWs]	[V _{DC}]
ERBD015R04K0	15	4000	547	900
ERBD018R01K6	18	1600	240	800
ERBD018R03K0		3000	375	
ERBD018R06K0		6000	900	
ERBD022R03K0		3000	375	
ERBD033R02K0	33	2000	240	
ERBD047R01K2	47	1200	174	
ERBD068R800W	68	800	120	
ERBD082R600W	82	600	87	
ERBD100R600W	100	600	83	
ERBD180R300W	180	300	45	

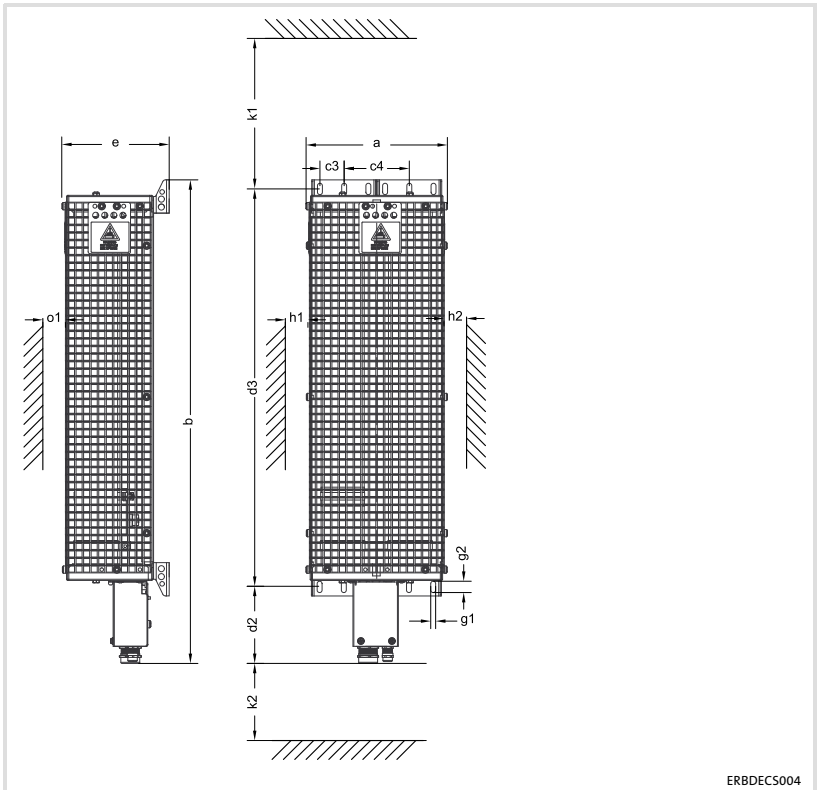
R_B	Resistance
P_d	Permanent power
Q_B	Heat quantity
U_{max}	Max. operating voltage

Temperatures			
	T_{nom}	T_{TK}	T_{max}
		[°C]	
Inside	450	600	1000
At the housing	200	250	750
On the clearance edge *)	180	220	500

T_{nom}	Maximum temperature for rated data
T_{TK}	Temperature at which the thermal contact is activated
T_{max}	Maximum temperature in the case of improper use
*)	Measured for air as the ambient medium (small coefficient of thermal conductivity); if materials which heat up are located at the clearance edge (greater coefficient of thermal conductivity), the temperature continues to rise.

kabea GmbH (Innovative Antriebe)
 Koßmannstraße 47, D-66538 Neunkirchen
 Telefon: +49 (0)6821/919238, Fax: +49 (0)6821/919239
<https://www.becker-antriebstechnik.org/>

Design 2



ERBDECS004

	a	b	c3	c4	d2	d3	e	g1	g2	h1	h2	k1	k2	o1	ᄡ	
	[mm]															[kg]
ERBD068R800W		541 ±2				426									4.8	
ERBD047R01K2	186	641	32	86	100		141	6.5	15	25	25	200	100	25	5.4	
ERBD018R01K6		±2				526									5.3	

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