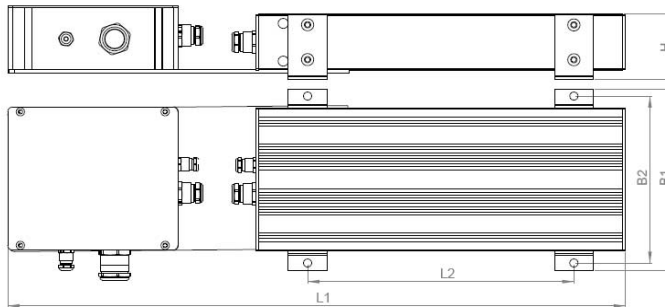
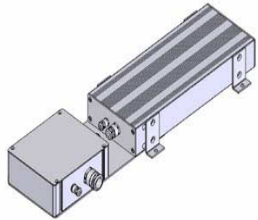


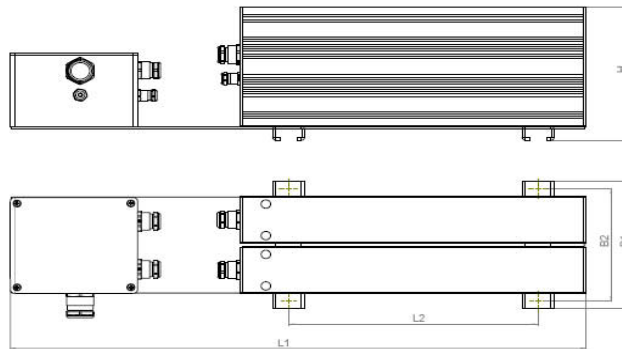
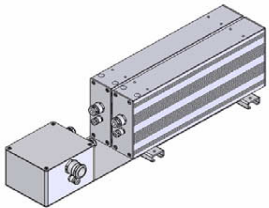
BW D 158

Dimensional Information

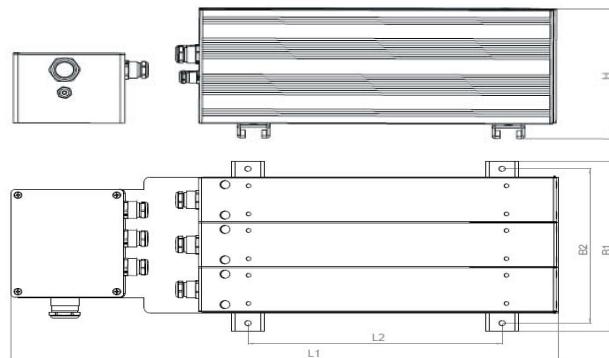
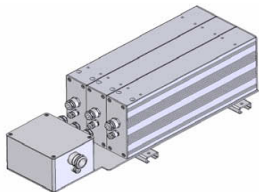
Construction BF1



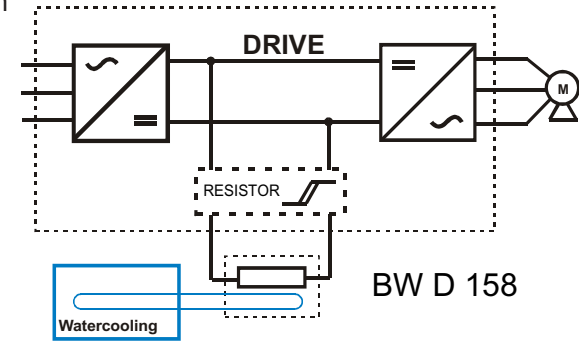
Construction BF2



Construction BF3



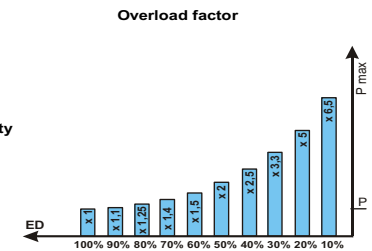
Circuit Diagram



Technical Data

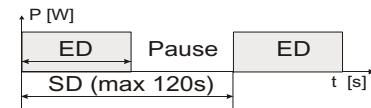
$P_{max} = P \cdot F_u$

P_{max} = Maximum pulse power
 P = Continuous power with duty cycle = 100 %/
 F_u = Overload factor



$$ED[\%] = \frac{ED[s]}{SD[s]} * 100$$

ED = Duty cycle
 SD = Cycle time max 120 sec



Type	Resistance Values [Ω]	Continuous Power* [W]	Max Operating Voltage [V]	L1 [mm]	L2 [mm]	B1 [mm]	B2 [mm]	H [mm]	Screwed Cable Glands	Connection terminal	Design
BW D 158/5000/....L	10 - 200	5.000	1000	630	343	190	175	68	M25	10mm ²	BF1
BW D 158/10000/....L	6 - 500	10.000		680	343	176	156	175	M25	10mm ²	BF2
BW D 158/15000/....L	4 - 600	15.000		680	343	245	225	175	M32	10mm ²	BF3
BW D 158/20000/....L	3 - 600	20.000		680	343	176	156	175	M32	10mm ²	2xBF2
BW D 158/30000/....L	2,1 - 750	30.000		680	343	245	225	175	M32	10mm ²	2xBF3
BW D 158/45000/....L	2,1 - 800	45.000		680	343	245	225	175	M32	16mm ²	3xBF3
BW D 158/50000/....L	2 - 850	60.000		680	343	245	225	175	M32	16mm ²	4xBF3

* with a flow rate of 15l/min

Protection IP20...IP65	Test voltage 2.5 kV AC
Enclosure Temperature < 60K	Ambient temperature -15...+40 °C

Designed by M Gillam	Approved by S Hughes	Approved Date 25.08.2008	File Name BW D 158	Issue Date 25.08.2008	Scale 1:1
REO UK LTD Units 2-4, Callow Hill Road Craven Arms, Shropshire SY7 8NT Tel: 01588 673411 Fax: 01588 672718 email: main@reo.co.uk www.reo.co.uk			Title Water-cooled Compact Braking Fesistor		Sheet 1 of 1
			Drawing Number BW D 158/XX		