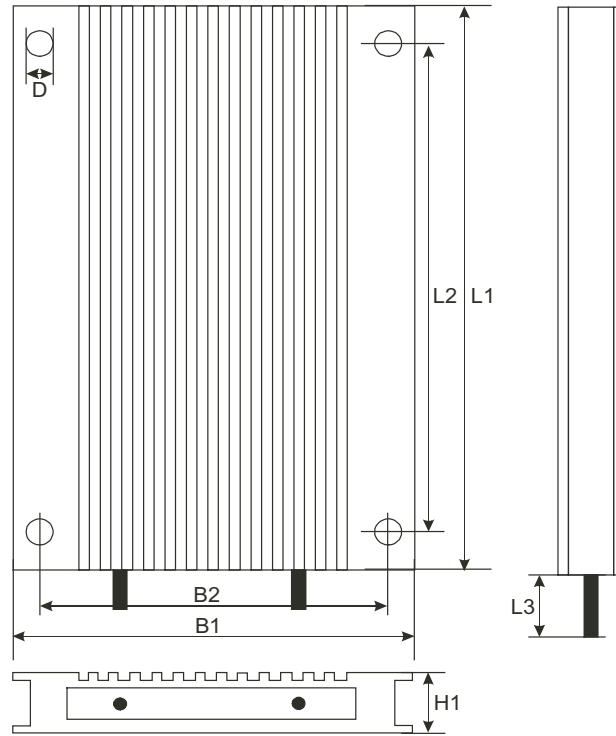


# BW 150 BW 152

## Dimensional Information



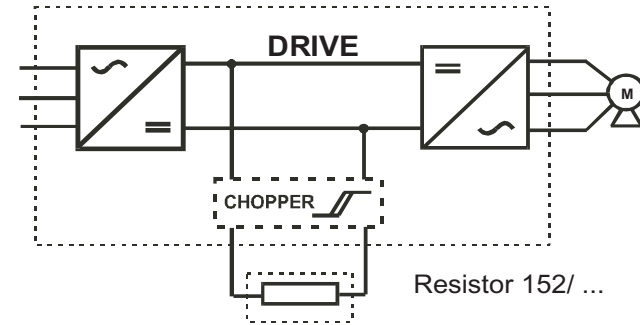
| Type       | Resistance Values [Ω] | With 25° Ambient Temperature Nominal Power [W] | Max Operating Voltage [V] | L1 [mm] | L2 [mm] | L3 [mm] | B1 [mm] | B2 [mm] | H [mm] | D [mm] | Connection Cable |
|------------|-----------------------|--|---------------------------|---------|---------|---------|---------|---------|--------|--------|------------------|
| BW 152/100 | 10 - 620              | 120  | 900                       | 100     | 70      | 250     | 100     | 84      | 14     | 4.2    | 2xAWG 18 UL 1659 |
| BW 152/150 | 12 - 500              | 150  | 900                       | 150     | 120     | 250     | 100     | 84      | 14     | 4.2    | 2xAWG 18 UL 1659 |
| BW 152/200 | 20 - 350              | 200  | 900                       | 200     | 170     | 250     | 100     | 84      | 14     | 4.2    | 2xAWG 18 UL 1659 |
| BW 152/250 | 3 - 430               | 250  | 900                       | 250     | 220     | 250     | 100     | 84      | 14     | 4.2    | 2xAWG 18 UL 1659 |

Protection  
IP 20 / IP 40 / IP 54  
Higher Protection on request

Test voltage  
2,5 kV DC

|       |               |      |           |         |
|-------|---------------|------|-----------|---------|
| RevNo | Revision note | Date | Signature | Checked |
|-------|---------------|------|-----------|---------|

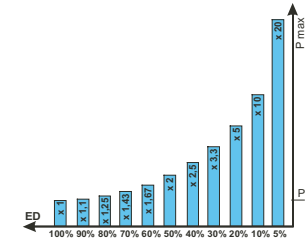
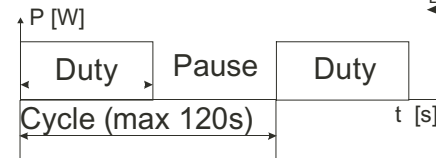
## Circuit Diagram



## Load Diagram

$$P_{max} = \frac{P * 100}{Duty[\%]}$$

$$Duty[\%] = \frac{Duty[s]}{Cycle[s]} * 100$$



|  |                         |                             |   |                          |                 |
|--|-------------------------|-----------------------------|---|--------------------------|-----------------|
| Designed by<br>M Gillam  | Approved by<br>S Hughes | Approved Date<br>01.02.2008 | File Name<br>BW152                              | Issue Date<br>23.01.2008 | Scale<br>1:1    |
| REO UK LTD<br>Units 2-4, Callow Hill Road<br>Craven Arms, Shropshire SY7 8NT<br>Tel: 01588 673411 Fax: 01588 672718<br>email: main@reo.co.uk www.reo.co.uk |                         |                             | Title<br>BRAKING RESISTOR TECHNICAL INFORMATION |                          | Sheet<br>1 of 1 |
|  |                         |                             | Drawing Number<br>BW152/XX                      |                          |                 |