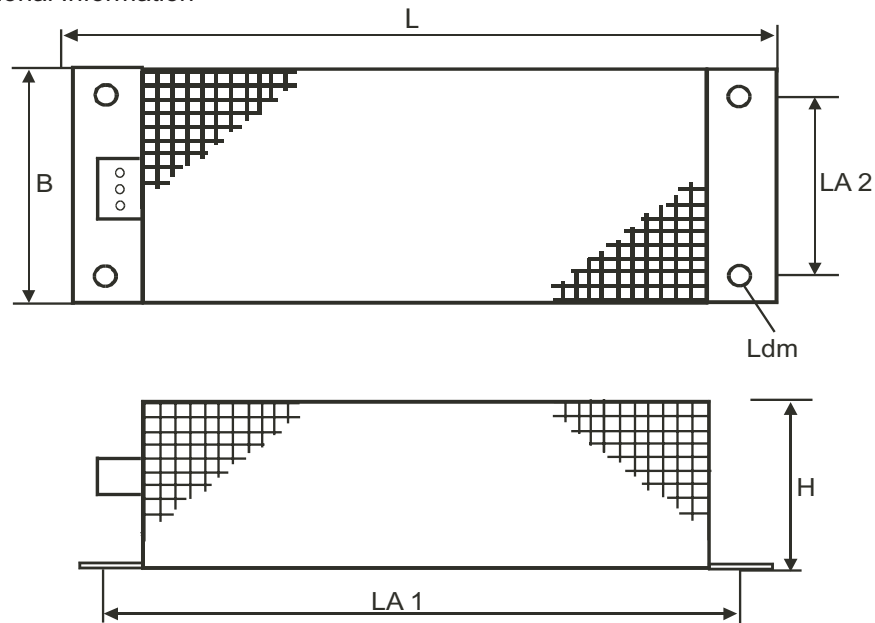
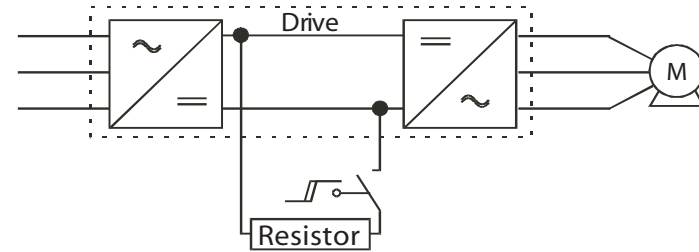


BW 100 BW 102 - BW 105

Dimensional Information



Circuit Diagram

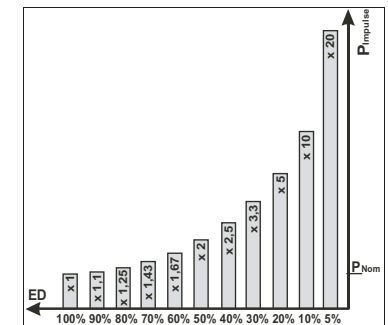
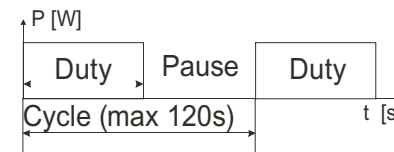


Technical Data

Load Diagram

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

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



| Type | Resistance Values (Ω) | Continuous Power (kW) | Impulse Performance (kW) | Max Operating Voltage (V) | L (mm) | B (mm) | H (mm) | LA1 (mm) | LA2 (mm) | Ldm | Connection Terminal |
|------------|-----------------------|-----------------------|--------------------------|---------------------------|--------|--------|--------|----------|----------|-----|----------------------|
| BW102/100 | 30-2000 | 0.1 | 1 | 700 | 230 | 65 | 75 | 210 | 45 | 4.5 | 3X2.5mm ² |
| BW102/150 | 27-1500 | 0.15 | 1.5 | | | | | | | | |
| BW102/200 | 22-1200 | 0.2 | 2 | | | | | | | | |
| BW103/400 | 20-900 | 0.4 | 4 | | 260 | 90 | 120 | 230 | 60 | 5.5 | 3X4mm ² |
| BW103/600 | 18-650 | 0.6 | 6 | | | | | | | | |
| BW103/800 | 15-600 | 0.8 | 8 | | | | | | | | |
| BW103/1000 | 12-500 | 1.0 | 10 | | | | | | | | |
| BW104/800 | 8.2-600 | 0.8 | 8 | | | | | | | | |
| BW104/1000 | 6.8-500 | 1.0 | 10 | | 360 | 185 | 120 | 230 | 150 | 5.5 | 3X4mm ² |
| BW104/2000 | 4.7-325 | 2.0 | 20 | | | | | | | | |
| BW104/2500 | 3.9-250 | 2.5 | 25 | | | | | | | | |
| BW105/3000 | 3.3-200 | 3.0 | 30 | | 560 | 270 | 240 | 520 | 240 | 6.5 | 3X6mm ² |
| BW105/4000 | 2.7-150 | 4.0 | 40 | | | | | | | | |
| BW105/5000 | 2.2-115 | 5.0 | 50 | | | | | | | | |

| | |
|--------------------|----------------------------------|
| Protection IP20 | Test Voltage 2.5kV DC 1s |
| max. Temp 150°C | Climatic category -10...+40°C |

| | | | | | |
|--|-------------------------|-----------------------------|---|--------------------------|------------------------------|
| Designed by T Newcombe | Approved by M Gillam | Approved Date 25.01.2008 | File Name BW102_5 | Issue Date 31.08.2005 | Scale 1:1 |
| REO 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 BRAKING RESISTOR TECHNICAL INFORMATION | | Drawing Number BW102_5/XX |
| | | | | Sheet 1 of 1 | |