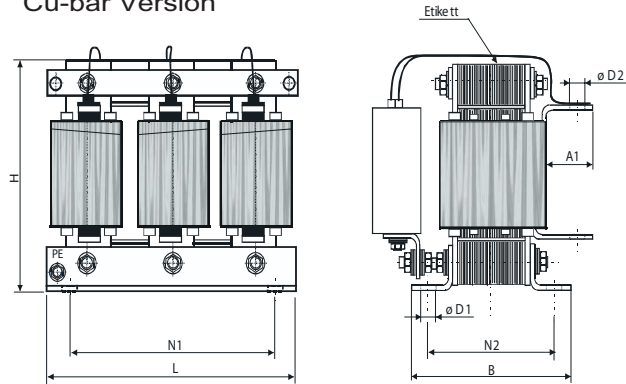
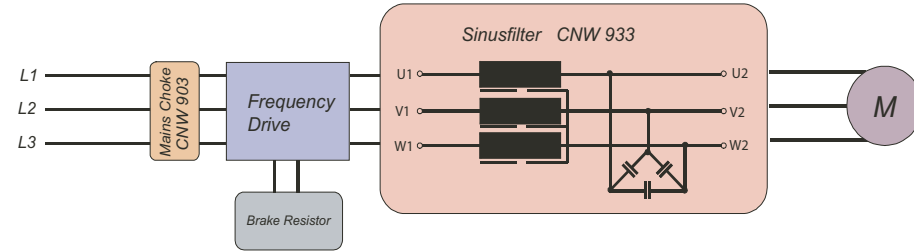


## Dimensional Information

### Cu-bar Version



## Circuit Diagram



| Type         | Dimensions |           |           |            |            |             |            | Connection Type<br>øD2<br>[mm] | Rated<br>Voltage [V] | Rated current<br>[A] | Inductance per<br>phase<br>[mH] | Copper<br>[μF] | Weight<br>[nF] |
|--------------|------------|-----------|-----------|------------|------------|-------------|------------|--------------------------------|----------------------|----------------------|---------------------------------|----------------|----------------|
|              | L<br>[mm]  | B<br>[mm] | H<br>[mm] | N1<br>[mm] | N2<br>[mm] | øD1<br>[mm] | A1<br>[mm] |                                |                      |                      |                                 |                |                |
| CNW 933/200  | 490        | 320       | 300       | 248        | 154        | 10x18       | 40         | 9                              | 3 x 500              | 200                  | 0.293                           | 4.5            | 60             |
| CNW 933/250  | 490        | 320       | 340       | 248        | 154        | 10x18       | 40         | 9                              |                      | 250                  | 0.235                           | 5.5            | 66             |
| CNW 933/350  | 530        | 310       | 380       | 316        | 144        | 13x20       | 40         | 11                             |                      | 350                  | 0.167                           | 6.0            | 75             |
| CNW 933/400  | 550        | 330       | 380       | 316        | 154        | 13x20       | 40         | 11                             |                      | 400                  | 0.146                           | 6.5            | 85             |
| CNW 933/450  | 550        | 330       | 380       | 316        | 154        | 13x20       | 50         | 11                             |                      | 450                  | 0.13                            | 6.5            | 85             |
| CNW 933/600  | 550        | 330       | 480       | 316        | 154        | 13x20       | 50         | 13                             |                      | 600                  | 0.1                             | 8.0            | 100            |
| CNW 933/900  | 610        | 360       | 550       | 316        | 154        | 13x20       | 60         | 13                             |                      | 900                  | 0.065                           | 10.0           | 116            |
| CNW 933/1200 | 610        | 360       | 600       | 316        | 154        | 13x20       | 60         | 2 x 13                         |                      | 1200                 | 0.05                            | 12.5           | 130            |

|                                     |                |                                      |              |
|-------------------------------------|----------------|--------------------------------------|--------------|
| Rotary field frequency              | 0- 60 Hz       | Max. voltage ripple:                 | 5%           |
| Short circuit voltage $U_k$ :       | 8% (with 400V) | Clock frequency of converter:        | $\geq 4$ kHz |
| Voltage drop:                       |                | Max. Cable length to the motor       |              |
| 18,4 V/branch (with $I_N$ and 50Hz) |                | 600 m (shielded) 1000 m (unshielded) |              |
| Max. Ambient temperature:           | 40°C           | Protection:                          | IP00         |

|                                                               |                                                                                      |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                               | Prüfspannung/ Test voltage/ Tension d'essai<br>L-L 2100 V, DC 1 s L-PE 2700 V, DC 1s |
| Überlast / Overload / Surcharge<br>1,5 x $I_{Nenn}$ 1 min / h | Klimakategorie/ Climatic category/ Catégorie climatique<br>DIN IEC 60068-1           |

|                                                                                                                                                            |                         |                           |                                           |                          |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|-------------------------------------------|--------------------------|--------------|
| Designed by<br>M Gillam                                                                                                                                    | Approved by<br>S Hughes | Approved Date<br>23.07.09 | File Name<br>CNW933 200_1200.AI           | Issue Date<br>11.04.2008 | 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>EMC FILTER TECHNICAL INFORMATION |                          |              |
| Drawing Number<br>CNW 933/XX                                                                                                                               |                         |                           |                                           | Sheet<br>1 of 1          |              |