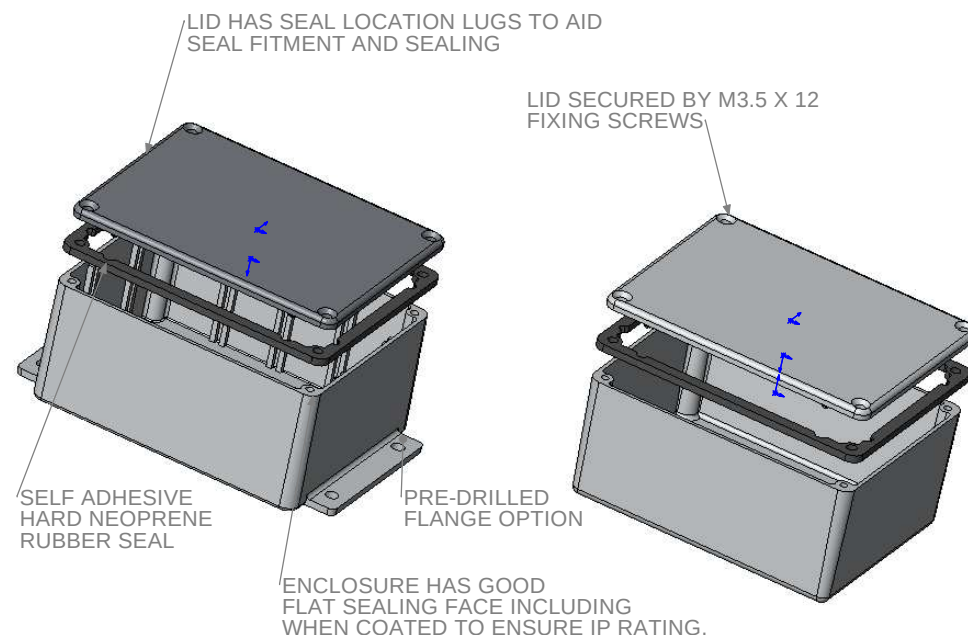


| PLAIN - SEALED IP68     |       |             |       |                                                                   |            |               |               |              |
|-------------------------|-------|-------------|-------|-------------------------------------------------------------------|------------|---------------|---------------|--------------|
| BOX SIZE (MM)           |       |             |       |                                                                   | ORDER CODE |               |               |              |
| PCB GUIDE               | L     | W           | H     | Size                                                              | Plain      | Powder Coated | Nylon Coated  |              |
|                         | 88.9  | 34.9        | 30.5  | A                                                                 | 480-0010   | 481-0010 **   | 482-0010 **   |              |
|                         | 114.3 | 63.5        | 30.5  | B                                                                 | 480-0020   | 481-0020 **   | 482-0020 **   |              |
|                         | 114.3 | 88.9        | 55.9  | C                                                                 | 480-0030   | 481-0030 **   | 482-0030 **   |              |
|                         | 114.3 | 64.5        | 55.9  | D                                                                 | 480-0040   | 481-0040 **   | 482-0040 **   |              |
|                         | 171.5 | 120.6       | 55.9  | E                                                                 | 480-0050   | 481-0050 **   | 482-0050 **   |              |
|                         | 171.5 | 120.6       | 106.7 | F                                                                 | 480-0060   | 481-0060 **   | 482-0060 **   |              |
|                         | 222.3 | 146         | 56    | G                                                                 | 480-0070   | 481-0070 **   | 482-0070 **   |              |
|                         | 222.3 | 146         | 106.7 | H                                                                 | 480-0080   | 481-0080 **   | 482-0080 **   |              |
| *                       | 275   | 175         | 66    | J                                                                 | 480-0090   | 481-0090 **   | 482-0090 **   |              |
| *                       | 139.7 | 101.6       | 77    | K                                                                 | 480-0100   | 481-0100 **   | 482-0100 **   |              |
| *                       | 165   | 127         | 77    | L                                                                 | 480-0110   | 481-0110 **   | 482-0110 **   |              |
| *                       | 120   | 100         | 36    | M                                                                 | 480-0120   | 481-0120 **   | 482-0120 **   |              |
| *                       | 250   | 250         | 100.3 | N                                                                 | 480-0130   | 481-0130 **   | 482-0130 **   |              |
| *                       | 80    | 55          | 26    | P                                                                 | 480-0140   | 481-0140 **   | 482-0140 **   |              |
| *                       | 60    | 55          | 31    | Q                                                                 | 480-0150   | 481-0150 **   | 482-0150 **   |              |
| * Boxes with PCB guides |       |             |       | ** Colour option - Code Suffix: Grey = A    Blue = B    Black = E |            |               |               |              |
|                         |       |             |       |                                                                   |            |               |               |              |
| FLANGED - SEALED IP68   |       |             |       |                                                                   |            |               |               |              |
| BOX SIZE (MM)           |       |             |       |                                                                   | ORDER CODE |               |               |              |
| PCB GUIDE               | L     | L (exc Flg) | W     | H                                                                 | Size       | Plain         | Powder Coated | Nylon Coated |
| *                       | 114.3 | 89.2        | 35.15 | 30.5                                                              | A          | 483-0010      | 484-0010**    | 485-0010**   |
| *                       | 139.7 | 114.1       | 63.6  | 30.5                                                              | B          | 483-0020      | 484-0020**    | 485-0020**   |
| *                       | 139.7 | 114.2       | 63.7  | 55.9                                                              | C          | 483-0030      | 484-0030**    | 485-0030**   |
| *                       | 139.7 | 114.7       | 89.15 | 55.9                                                              | D          | 483-0040      | 484-0040**    | 485-0040**   |
| *                       | 202   | 171.8       | 120.8 | 55.9                                                              | E          | 483-0050      | 484-0050**    | 485-0050**   |
| *                       | 202   | 171.8       | 120.8 | 106.7                                                             | F          | 483-0060      | 484-0060**    | 485-0060**   |
| *                       | 252   | 222.6       | 146.4 | 55.9                                                              | G          | 483-0070      | 484-0070**    | 485-0070**   |
| *                       | 170   | 140         | 101.6 | 77                                                                | K          | 483-0100      | 484-0100**    | 485-0100**   |
| *                       | 152   | 120         | 100.2 | 36                                                                | M          | 483-0120      | 484-0120**    | 485-0120**   |
| * Boxes with PCB guides |       |             |       | ** Colour option - Code Suffix: Grey = A    Blue = B    Black = E |            |               |               |              |



- A RANGE OF DIE CAST ALUMINUM ENCLOSURE SEALED TO BS EN 60529:1992 IP66, IP67 AND IP68 (5Mtrs for 1 hour)
- HARD NEOPRENE RUBBER SBR133 SEAL WITH SELF ADHESIVE CCS130106 BACKING
- MIN SEAL THICKNESS 3.0MM - MIN SEAL FRAME WIDTH 4.0MM
- MIN ENCLOSURE WALL THICKNESS 1.5MM
- MIN ENCLOSURE LID THICKNESS 1.5MM

INTERPOLATED SIZES ARE PERMITTED PROVIDED THE MINIMUM CENTRES ARE MAINTAINED IN ACCORDANCE WITH THE 455/459 SERIES SPECIFICATION

|                                                                                                                                                                                                                                                         |                                                                                               |                                                                                                                                                                                                                    |                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>PROPRIETARY AND CONFIDENTIAL</b><br>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <b>DEM MANUFACTURING</b> .<br>ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <b>DEM MANUFACTURING</b> IS PROHIBITED. | Drawn by W.COXON<br>FINISH: AS ABOVE                                                          | 27/05/09<br>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETRES LINEAR TOLERANCES:<br>NO DECIMAL PLACES ±0.5mm<br>1 DECIMAL PLACE ±0.1mm<br>2 DECIMAL PLACES ±0.03mm<br>ANGULAR TOLERANCES: ±1°<br>MATERIAL: | A3<br>TITLE: GENERAL SPECIFICATION FOR IP68 RANGE OF ENCLOSURES |
|                                                                                                                                                                                                                                                         | THIRD ANGLE PROJECTION<br>DEBUR AND BREAK SHARP EDGES<br>IF IN DOUBT ASK DO NOT SCALE DRAWING |                                                                                                                                                                                                                    |                                                                 |
|                                                                                                                                                                                                                                                         |                                                                                               | DWG NO. 48x SPEC IP68 RANGE<br>SCALE: 1:2                                                                                                                                                                          | 01<br>ISSUE                                                     |