Description
The Combo solution consists in one MPSS rotary union specifically designed to be used in conjunction with Deublin Slip-Rings. It is available with 1, 2, 4, 6 and 8 passages and 3 different connections port sizes: G ¼", G ⅜" and G ½". The unions are designed with interface on the rotor back to mate with the Slip-Rings and have a large central bore for cable passage. Specific anti-rotation bracket is included to prevent relative movement between rotary components.

### Mechanical Features
- **Passage no.**
  - 1 - 2 - 4 - 6 - 8
- **Passage dimension**
  - Ø 6 - Ø 10 - Ø 12 mm
- **Housing thread connections**
  - G ¼" - G ⅜" - G ½"
- **Axial Rotor connections**
  - Ø 6 - Ø 10 mm with O-ring seal
- **Central bore for cable passage**
  - Ø 30 mm
- **Housing Material**
  - Aluminum with anodizing coating
- **Rotor Material**
  - AISI420B
- **Deublin Soft Seal Type**
  - DPG-G
- **Drainage**
  - Plain holes
- **Drainage configuration**
  - Between passages and bearing protection

### Combo Features
- **Slip-Ring suitable models**
  - SRD - SRC - SRH - SRT families
- **Anti-Rotation bracket**
  - Included
- **Radial rotor flange adaptor**
  - Optional

### Media Features
- **Applicable media**
  - Inert non flammable compressed gasses (Dry or Lub. Air - Inert Gasses) - Vacuum
- **Max. operating pressure**
  - 10 bar
- **Max. line pressure**
  - 12 bar
- **Max. Vacuum level**
  - 0.2 bar A
- **Max. operating media temp.**
  - 50 °C
- **Max. environment temp.**
  - 70 °C
- **Max rotational speed**
  - see speed chart

### Product Codes
<table>
<thead>
<tr>
<th>Port size</th>
<th>Pass. #</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>G ¼&quot;</td>
<td>1</td>
<td>CMB-S010801</td>
</tr>
<tr>
<td>G ¼&quot;</td>
<td>2</td>
<td>CMB-S020801</td>
</tr>
<tr>
<td>G ⅜&quot;</td>
<td>4</td>
<td>CMB-S040801</td>
</tr>
<tr>
<td>G ⅜&quot;</td>
<td>6</td>
<td>CMB-S060801</td>
</tr>
<tr>
<td>G ⅜&quot;</td>
<td>8</td>
<td>CMB-S080801</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>1</td>
<td>CMB-S011001</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>2</td>
<td>CMB-S021001</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>4</td>
<td>CMB-S041001</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>6</td>
<td>CMB-S061001</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>8</td>
<td>CMB-S081001</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>1</td>
<td>CMB-S011201</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>2</td>
<td>CMB-S021201</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>4</td>
<td>CMB-S041201</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>6</td>
<td>CMB-S061201</td>
</tr>
<tr>
<td>G ½&quot;</td>
<td>8</td>
<td>CMB-S081201</td>
</tr>
</tbody>
</table>

This series includes additional models. For more information contact your nearest Deublin Division/Distributor or www.deublin.com

“Deublin” and the Deublin logo are trademarks of Deublin Company and are registered in the United States and other countries.
This series includes additional models. 
For more information contact your nearest Deublin Division/Distributor or www.deublin.com

"Deublin" and the Deublin logo are trademarks of Deublin Company and are registered in the United States and other countries.

<table>
<thead>
<tr>
<th>Passage no.</th>
<th>DN</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>L</th>
<th>M</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6 G 1/4</td>
<td>20</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>6</td>
<td>75</td>
<td>117</td>
<td>-</td>
<td>-</td>
<td>138</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 G 9/16</td>
<td>23</td>
<td>1.5</td>
<td>13</td>
<td>19</td>
<td>10</td>
<td>77</td>
<td>121</td>
<td>-</td>
<td>-</td>
<td>140</td>
<td>68.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 G 1/2</td>
<td>28</td>
<td>1.5</td>
<td>15</td>
<td>21</td>
<td>12</td>
<td>78</td>
<td>123</td>
<td>-</td>
<td>-</td>
<td>143</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6 G 1/4</td>
<td>20</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>6</td>
<td>75</td>
<td>146</td>
<td>29</td>
<td>60</td>
<td>138</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 G 9/16</td>
<td>23</td>
<td>1.5</td>
<td>13</td>
<td>19</td>
<td>10</td>
<td>77</td>
<td>154</td>
<td>33</td>
<td>70</td>
<td>140</td>
<td>68.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 G 1/2</td>
<td>28</td>
<td>1.5</td>
<td>15</td>
<td>21</td>
<td>12</td>
<td>78</td>
<td>158</td>
<td>35</td>
<td>70</td>
<td>143</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>6 G 1/4</td>
<td>20</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>6</td>
<td>75</td>
<td>204</td>
<td>29</td>
<td>60</td>
<td>138</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 G 9/16</td>
<td>23</td>
<td>1.5</td>
<td>13</td>
<td>19</td>
<td>10</td>
<td>77</td>
<td>220</td>
<td>33</td>
<td>70</td>
<td>140</td>
<td>68.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 G 1/2</td>
<td>28</td>
<td>1.5</td>
<td>15</td>
<td>21</td>
<td>12</td>
<td>78</td>
<td>228</td>
<td>35</td>
<td>70</td>
<td>143</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6 G 1/4</td>
<td>20</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>6</td>
<td>75</td>
<td>262</td>
<td>29</td>
<td>60</td>
<td>138</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 G 9/16</td>
<td>23</td>
<td>1.5</td>
<td>13</td>
<td>19</td>
<td>10</td>
<td>77</td>
<td>286</td>
<td>33</td>
<td>70</td>
<td>140</td>
<td>68.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 G 1/2</td>
<td>28</td>
<td>1.5</td>
<td>15</td>
<td>21</td>
<td>12</td>
<td>78</td>
<td>298</td>
<td>35</td>
<td>70</td>
<td>143</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>6 G 1/4</td>
<td>20</td>
<td>1</td>
<td>13</td>
<td>16</td>
<td>6</td>
<td>75</td>
<td>320</td>
<td>29</td>
<td>60</td>
<td>138</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 G 9/16</td>
<td>23</td>
<td>1.5</td>
<td>13</td>
<td>19</td>
<td>10</td>
<td>77</td>
<td>352</td>
<td>33</td>
<td>70</td>
<td>140</td>
<td>68.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 G 1/2</td>
<td>28</td>
<td>1.5</td>
<td>15</td>
<td>21</td>
<td>12</td>
<td>78</td>
<td>368</td>
<td>35</td>
<td>70</td>
<td>143</td>
<td>70</td>
<td></td>
</tr>
</tbody>
</table>