

| Denominación          |           | Denominación |             | Dimensiones |         |                      |                      |         |  | Dimensiones de construcción |         |   |                        |                        | Superficie                          |                                     |
|-----------------------|-----------|--------------|-------------|-------------|---------|----------------------|----------------------|---------|--|-----------------------------|---------|---|------------------------|------------------------|-------------------------------------|-------------------------------------|
| (metric)              | G<br>kg/m | (Imperial)   | G<br>lbs/ft | h<br>mm     | b<br>mm | t <sub>w</sub><br>mm | t <sub>f</sub><br>mm | r<br>mm | A<br>mm <sup>2</sup><br>x10 <sup>2</sup> | h <sub>i</sub><br>mm        | d<br>mm | ∅ | p <sub>min</sub><br>mm | p <sub>max</sub><br>mm | A <sub>L</sub><br>m <sup>2</sup> /m | A <sub>G</sub><br>m <sup>2</sup> /t |
| W 150 x 100 x 24.0+/* | 24        | W 6 x 4 x 16 | 16          | 160         | 102     | 6.6                  | 10.3                 | 6       | 30.60                                    | 139.4                       | 127.4   | - | -                      | -                      | 0.704                               | 29.40                               |

| Propiedades del perfil                                |  |  |                             |  |   |  |  |                             |                      |   |   |
|---|--|--|-----------------------------|--|---|--|--|-----------------------------|----------------------|---|---|
| eje fuerte y-y  |  |  |                             |  | eje débil z-z   |  |  |                             |                      |   |   |
| I <sub>y</sub><br>mm <sup>4</sup><br>x10 <sup>4</sup> | W <sub>el,y</sub><br>mm <sup>3</sup><br>x10 <sup>3</sup> | W <sub>pl,y</sub> ♦<br>mm <sup>3</sup><br>x10 <sup>3</sup> | i <sub>y</sub><br>mm<br>x10 | A <sub>vz</sub><br>mm <sup>2</sup><br>x10 <sup>2</sup> | I <sub>z</sub><br>mm <sup>4</sup><br>x10 <sup>4</sup> | W <sub>el,z</sub><br>mm <sup>3</sup><br>x10 <sup>3</sup> | W <sub>pl,z</sub> ♦<br>mm <sup>3</sup><br>x10 <sup>3</sup> | i <sub>z</sub><br>mm<br>x10 | s <sub>s</sub><br>mm | I <sub>t</sub><br>mm <sup>4</sup><br>x10 <sup>4</sup> | I <sub>w</sub><br>mm <sup>6</sup><br>x10 <sup>9</sup> |
| 1342  | 167.8  | 191.5  | 6.63                        | 11.43  | 182.6   | 35.8   | 55.24  | 2.45                        | 34.23                | 9.35  | 10.21   |

| Propiedades Mecánicas     |          |           |
|---------------------------|----------|-----------|
| Límite Elástico           | 345 (50) | MPa (ksi) |
| Resistencia a la Tracción | 450 (65) | MPa (ksi) |
| Estiramiento mínimo       | 18%      | ( 200mm ) |

