

# CARATERÍSTICAS / PERFIL Z

DIMENSÕES							MOMENTO RESISTENTE			
t	H	C	B	D	A	Peso	Y-Y	Z-Z		
[mm]	[mm]	[mm]	[mm]	[mm]	[cm <sup>2</sup> ]	kg/m	Iy+ [cm <sup>4</sup> ]	Wy+ [cm <sup>3</sup> ]	Iz [cm <sup>4</sup> ]	Wz [cm <sup>3</sup> ]
1.5	80	20	40	191.42	2.87	<b>2.25</b>	28.32	<b>7.21</b>	13.89	<b>3.71</b>
2	80	20	40	189.42	3.79	<b>2.97</b>	36.86	<b>9.45</b>	17.81	<b>4.82</b>
2.5	80	20	40	187.42	4.69	<b>3.68</b>	44.97	<b>11.61</b>	21.39	<b>5.86</b>
3	80	20	40	185.42	5.56	<b>4.37</b>	52.66	<b>13.68</b>	24.66	<b>6.85</b>
1.5	100	20	40	211.42	3.17	<b>2.49</b>	48.02	<b>9.75</b>	13.93	<b>3.71</b>
2	100	20	40	209.42	4.19	<b>3.29</b>	62.71	<b>12.80</b>	17.85	<b>4.82</b>
2.5	100	20	40	207.42	5.19	<b>4.07</b>	76.76	<b>15.74</b>	21.45	<b>5.86</b>
3	100	20	40	205.42	6.16	<b>4.84</b>	90.18	<b>18.59</b>	24.73	<b>6.85</b>
1.5	120	20	40	231.42	3.47	<b>2.72</b>	74.08	<b>12.50</b>	13.96	<b>3.71</b>
2	120	20	40	229.42	4.59	<b>3.60</b>	96.95	<b>16.43</b>	17.89	<b>4.82</b>
2.5	120	20	40	227.42	5.69	<b>4.46</b>	118.92	<b>20.24</b>	21.50	<b>5.86</b>
3	120	20	40	225.42	6.76	<b>5.31</b>	140.03	<b>23.94</b>	24.79	<b>6.85</b>
1.5	140	20	50	271.42	4.07	<b>3.20</b>	121.37	<b>17.53</b>	24.53	<b>5.15</b>
2	140	20	50	269.42	5.39	<b>4.23</b>	159.27	<b>23.08</b>	31.66	<b>6.72</b>
2.5	140	20	50	267.42	6.69	<b>5.25</b>	195.93	<b>28.50</b>	38.29	<b>8.22</b>
3	140	20	50	265.42	7.96	<b>6.25</b>	231.37	<b>33.78</b>	44.45	<b>9.64</b>
1.5	160	20	50	291.42	4.37	<b>3.43</b>	166.36	<b>20.99</b>	24.56	<b>5.15</b>
2	160	20	50	289.42	5.79	<b>4.54</b>	218.58	<b>27.67</b>	31.70	<b>6.72</b>
2.5	160	20	50	287.42	7.19	<b>5.64</b>	269.21	<b>34.19</b>	38.35	<b>8.22</b>
3	160	20	50	285.42	8.56	<b>6.72</b>	318.28	<b>40.55</b>	44.52	<b>9.64</b>
1.5	180	20	50	311.42	4.67	<b>3.67</b>	220.11	<b>24.66</b>	24.59	<b>5.15</b>
2	180	20	50	309.42	6.19	<b>4.86</b>	289.48	<b>32.53</b>	31.74	<b>6.72</b>
2.5	180	20	50	307.42	7.69	<b>6.03</b>	356.89	<b>40.21</b>	38.39	<b>8.22</b>
3	180	20	50	305.42	9.16	<b>7.19</b>	422.36	<b>47.72</b>	44.57	<b>9.65</b>

DIMENSÕES							MOMENTO RESISTENTE			
t	H	C	B	D	A	Peso	Y-Y	Z-Z		
[mm]	[mm]	[mm]	[mm]	[mm]	[cm <sup>2</sup> ]	kg/m	Iy+ [cm <sup>4</sup> ]	Wy+ [cm <sup>3</sup> ]	Iz [cm <sup>4</sup> ]	Wz [cm <sup>3</sup> ]
1.5	200	20	50	331.42	4.97	<b>3.90</b>	283.22	<b>28.54</b>	24.61	<b>5.15</b>
2	200	20	50	329.42	6.59	<b>5.17</b>	372.78	<b>37.65</b>	31.77	<b>6.72</b>
2.5	200	20	50	327.42	8.19	<b>6.43</b>	459.96	<b>46.58</b>	38.43	<b>8.22</b>
3	200	20	50	325.42	9.76	<b>7.66</b>	544.79	<b>55.31</b>	44.62	<b>9.65</b>
1.5	220	20	60	371.42	5.57	<b>4.37</b>	391.88	<b>35.87</b>	39.24	<b>6.80</b>
2	220	20	60	369.42	7.39	<b>5.80</b>	516.52	<b>47.39</b>	50.88	<b>8.90</b>
2.5	220	20	60	367.42	9.19	<b>7.21</b>	638.22	<b>58.69</b>	61.84	<b>10.91</b>
3	220	20	60	365.42	10.96	<b>8.61</b>	756.99	<b>69.77</b>	72.13	<b>12.84</b>
1.5	240	20	60	391.42	5.87	<b>4.61</b>	482.33	<b>40.45</b>	39.27	<b>6.80</b>
2	240	20	60	389.42	7.79	<b>6.11</b>	636.10	<b>53.45</b>	50.92	<b>8.90</b>
2.5	240	20	60	387.42	9.69	<b>7.60</b>	786.41	<b>66.22</b>	61.89	<b>10.91</b>
3	240	20	60	385.42	11.56	<b>9.08</b>	933.29	<b>78.76</b>	72.19	<b>12.84</b>
1.5	260	20	60	411.42	6.17	<b>4.84</b>	584.55	<b>45.23</b>	39.30	<b>6.80</b>
2	260	20	60	409.42	8.19	<b>6.43</b>	771.28	<b>59.79</b>	50.95	<b>8.90</b>
2.5	260	20	60	407.42	10.19	<b>8.00</b>	954.01	<b>74.10</b>	61.93	<b>10.91</b>
3	260	20	60	405.42	12.16	<b>9.55</b>	1132.76	<b>88.15</b>	72.24	<b>12.84</b>
1.5	280	20	60	431.42	6.47	<b>5.08</b>	699.12	<b>50.21</b>	39.32	<b>6.80</b>
2	280	20	60	429.42	8.59	<b>6.74</b>	922.86	<b>66.39</b>	50.99	<b>8.90</b>
2.5	280	20	60	427.42	10.69	<b>8.39</b>	1142.01	<b>82.31</b>	61.97	<b>10.91</b>
3	280	20	60	425.42	12.76	<b>10.02</b>	1356.60	<b>97.95</b>	72.29	<b>12.84</b>
1.5	300	20	60	451.42	6.77	<b>5.32</b>	826.66	<b>55.39</b>	39.34	<b>6.80</b>
2	300	20	60	449.42	8.99	<b>7.06</b>	1091.65	<b>73.27</b>	51.01	<b>8.90</b>
2.5	300	20	60	447.42	11.19	<b>8.78</b>	1351.42	<b>90.85</b>	62.01	<b>10.91</b>
3	300	20	60	445.42	13.36	<b>10.49</b>	1606.00	<b>108.15</b>	72.33	<b>12.84</b>