



## 5.UPE

### Sizes:

DIN 1026-2: 2002-10

### Tolerances:

EN 10279: 2000

### Surface :

EN 10163-3: 2004 C class 1

| DESIGNATION | DIMENSIONS |     |    |     |      |    | CROSS SECTIONAL AREA | STATIC PARAMETERS |    |      |                 |                 |                 |      |                 |                 |                 |                 |  |
|-------------|------------|-----|----|-----|------|----|----------------------|-------------------|----|------|-----------------|-----------------|-----------------|------|-----------------|-----------------|-----------------|-----------------|--|
|             | G          | h   | b  | tw  | tf   | r1 |                      | A                 | d  | emin | emax            | Y-Y AXIS        |                 |      |                 |                 | Z-Z AXIS        |                 |  |
| DIM         | kg/m       | mm  | mm | mm  | mm   | mm | cm <sup>2</sup>      | mm                | mm | mm   | cm <sup>4</sup> | cm <sup>3</sup> | cm <sup>3</sup> | cm   | cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm <sup>3</sup> |  |
| UPE 80      | 7.9        | 80  | 50 | 4   | 7    | 10 | 10.1                 | 46                | -  | -    | 107             | 26.8            | 31.2            | 3.26 | 4.05            | 25.5            | 8               | 14.3            |  |
| UPE 100     | 9.82       | 100 | 55 | 4.5 | 7.5  | 10 | 12.5                 | 65                | 35 | 36   | 207             | 41.4            | 48              | 4.07 | 5.34            | 38.3            | 10.6            | 19.3            |  |
| UPE 120     | 12.1       | 120 | 60 | 5   | 8    | 12 | 15.4                 | 80                | 35 | 41   | 364             | 60.6            | 70.3            | 4.86 | 7.18            | 55.5            | 13.8            | 25.3            |  |
| UPE 140     | 14.5       | 140 | 65 | 5   | 9    | 12 | 18.4                 | 98                | 35 | 38   | 600             | 85.6            | 98.8            | 5.71 | 8.25            | 78.8            | 18.2            | 33.2            |  |
| UPE 160     | 17         | 160 | 70 | 5.5 | 9.5  | 12 | 21.7                 | 117               | 36 | 43   | 911             | 114             | 132             | 6.48 | 10              | 107             | 22.6            | 41.5            |  |
| UPE 180     | 19.7       | 180 | 75 | 5.5 | 10.5 | 12 | 25.1                 | 135               | 36 | 48   | 1350            | 150             | 173             | 7.34 | 11.2            | 144             | 28.6            | 52.3            |  |
| UPE 200     | 22.8       | 200 | 80 | 6   | 11   | 13 | 29                   | 152               | 46 | 47   | 1910            | 191             | 220             | 8.11 | 13.5            | 187             | 34.5            | 63.3            |  |
| UPE 220     | 26.6       | 220 | 85 | 6.5 | 12   | 13 | 33.9                 | 170               | 47 | 49   | 2680            | 244             | 281             | 8.9  | 15.8            | 247             | 42.5            | 78.2            |  |
| UPE 240     | 30.2       | 240 | 90 | 7   | 12.5 | 15 | 38.5                 | 185               | 47 | 51   | 3600            | 300             | 347             | 9.67 | 18.8            | 311             | 50.1            | 92.2            |  |
| UPE 270     | 35.2       | 270 | 95 | 7.5 | 13.5 | 15 | 44.8                 | 213               | 48 | 50   | 5250            | 389             | 451             | 10.8 | 22.2            | 401             | 60.7            | 112             |  |