

**i** Hard-anodised surfaces  
▶ Page 958

**o** Curved rail profiles  
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### Technical data and dimensions [mm]

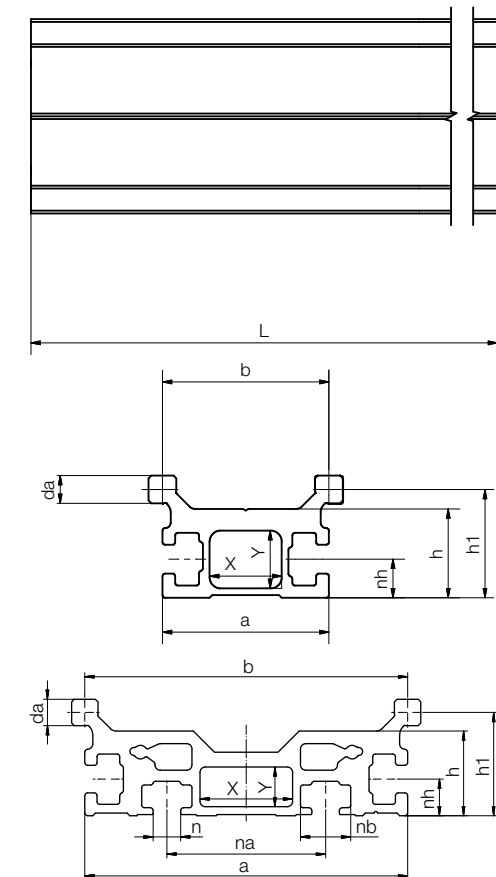
| Part No.   | Weight<br>[kg/m] | H <sup>57)</sup><br>±0.25 | da<br>-0.1 | dr   | L<br>Max. | a       | A1   | b   | h   | h1                 | h2  | G1   | G2   | a1 <sup>61)</sup> | Q1   | Q2 |
|------------|------------------|---------------------------|------------|------|-----------|---------|------|-----|-----|--------------------|-----|------|------|-------------------|------|----|
|            |                  |                           |            |      |           |         |      |     |     |                    |     |      |      |                   |      |    |
| WSQ-06-30  | 0.45             | 14                        | 5          | 5    | 3,000     | 27-0.4  | 13.5 | 30  | 4   | 4 <sup>58)</sup>   | 7.5 | 22.5 | 15   | -                 | 21.5 | 15 |
| WSQ-06-60  | 0.70             | 14                        | 5          | 5    | 3,000     | 58-0.4  | 13.5 | 61  | 4   | 4 <sup>58)</sup>   | 7.0 | 42.5 | 30.5 | 40                | 17   | 15 |
| WSQ-10-40  | 0.92             | 20                        | 7.5        | 6.7  | 4,000     | 36-0.5  | 18.5 | 40  | 5.5 | 5.5 <sup>58)</sup> | 11  | 30   | 20   | -                 | 29   | 21 |
| WSQ-10-80  | 1.41             | 20                        | 7.5        | 6.7  | 4,000     | 70-0.7  | 18.5 | 74  | 5.5 | 5.5 <sup>58)</sup> | 11  | 27   | 17   | 40                | 26   | 21 |
| WSQ-10-120 | 2.02             | 20                        | 7.5        | 6.7  | 4,000     | 116-0.7 | 18.5 | 120 | 5.5 | 5.5 <sup>58)</sup> | 11  | 30   | 20   | 80                | 29   | 21 |
| WSQ-16-60  | 1.84             | 27                        | 11.5       | 10.7 | 4,000     | 54-0.5  | 35.5 | 58  | 7.5 | 3.5                | 14  | 43   | 29   | -                 | 42   | 28 |
| WSQ-20-80  | 3.30             | 36                        | 15         | 14.1 | 4,000     | 74-0.7  | 30.0 | 82  | 9.5 | 4.5                | 20  | 38   | 21   | 40                | 37   | 37 |

| Part No.   | C4  | C5   |      | C6   |      | K1 for<br>screw<br>DIN 912 | Geometrical<br>moment of inertia |                          | Moment of<br>resistance   |                           |
|------------|-----|------|------|------|------|----------------------------|----------------------------------|--------------------------|---------------------------|---------------------------|
|            |     | Min. | Max. | Min. | Max. |                            | ly<br>[mm <sup>4</sup> ]         | lz<br>[mm <sup>4</sup> ] | Wby<br>[mm <sup>3</sup> ] | Wbz<br>[mm <sup>3</sup> ] |
| WSQ-06-30  | 60  | 20   | 49.5 | 20   | 49.5 | M5 <sup>58)</sup>          | 19,000                           | 1,250                    | 1,100                     | 200                       |
| WSQ-06-60  | 60  | 20   | 49.5 | 20   | 49.5 | M5 <sup>58)</sup>          | 117,900                          | 1,600                    | 3,500                     | 290                       |
| WSQ-10-40  | 120 | 20   | 79.5 | 20   | 79.5 | M6 <sup>58)</sup>          | 71,600                           | 5,580                    | 3,000                     | 610                       |
| WSQ-10-80  | 120 | 20   | 79.5 | 20   | 79.5 | M6 <sup>58)</sup>          | 335,000                          | 7,070                    | 8,300                     | 700                       |
| WSQ-10-120 | 120 | 20   | 79.5 | 20   | 79.5 | M6 <sup>58)</sup>          | 1,175,000                        | 8,000                    | 18,400                    | 760                       |
| WSQ-16-60  | 120 | 20   | 79.5 | 20   | 79.5 | M8                         | 324,700                          | 20,500                   | 9,400                     | 1,700                     |
| WSQ-20-80  | 120 | 20   | 79.5 | 20   | 79.5 | M8                         | 1,145,000                        | 75,300                   | 23,600                    | 4,500                     |

<sup>57)</sup> Height dimension minus the bearing clearance tolerance <sup>58)</sup> With plain holes

<sup>61)</sup> WSQ-06-30/-10-40/-16-60 a single row of mounting holes down the centreline,  
WSQ-06-60/10-80/-10-120/-20-80 two parallel rows of mounting holes

Can be combined with:



**i** Suitable end caps  
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**o** Order example:  
WSX-06-30/06-60: High profile rail, square  
WSQ-06-30: Standard double rail, square

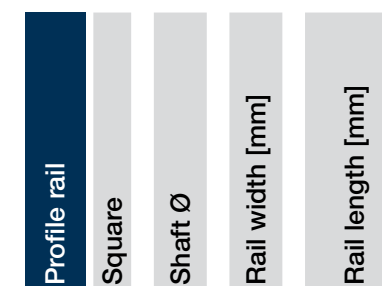
### Technical data and dimensions [mm]

| Part No.  | Weight<br>[kg/m] | da<br>-0.1 | L<br>Max. | a    | b  | h  | h1   | nh  | n   | nb  | na | X    | Y   | Geometrical<br>moment of inertia |                          | Moment of<br>resistance   |                           |
|-----------|------------------|------------|-----------|------|----|----|------|-----|-----|-----|----|------|-----|----------------------------------|--------------------------|---------------------------|---------------------------|
|           |                  |            |           |      |    |    |      |     |     |     |    |      |     | ly<br>[mm <sup>4</sup> ]         | lz<br>[mm <sup>4</sup> ] | Wby<br>[mm <sup>3</sup> ] | Wbz<br>[mm <sup>3</sup> ] |
| WSX-06-30 | 0.76             | 5          | 4,000     | 29.7 | 30 | 16 | 19.5 | 7   | -   | -   | -  | 12   | 10  | 30,391                           | 11,674                   | 1,736                     | 845                       |
| WSX-06-60 | 1.39             | 5          | 4,000     | 61   | 61 | 16 | 19.5 | 6.9 | 5.2 | 9.5 | 30 | 17.5 | 7.5 | 212,826                          | 17,018                   | 6,448                     | 1,398                     |

**o** Order key

| Type | Length |
|------|--------|
|------|--------|

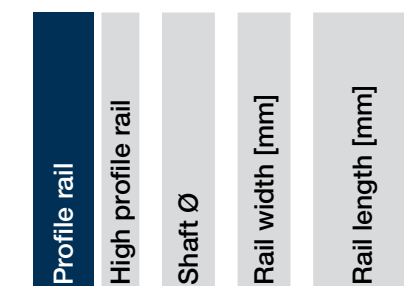
WS Q - 06 - 30 - 3000



**o** Order key

| Type | Length |
|------|--------|
|------|--------|

WS X - 06 - 30 - 4000



Can be combined with:

