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### Technical data and dimensions [mm]

| Part No.   | Weight<br>[kg/m] | H <sup>57)</sup> | da   | dr   | L     | a       | A1   | b   | h   | h1                 | h2  | G1   | G2   | a1 <sup>61)</sup> | Q1   | Q2 |
|------------|------------------|------------------|------|------|-------|---------|------|-----|-----|--------------------|-----|------|------|-------------------|------|----|
|            |                  | ±0.25            | -0.1 | Max. |       |         |      |     |     |                    |     |      |      |                   |      |    |
| 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             | 5                | 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 screw<br>DIN 912 | Geometrical<br>moment of inertia |                    | Moment of<br>resistance |                    |
|------------|-----|------|------|------|------|-------------------------|----------------------------------|--------------------|-------------------------|--------------------|
|            |     | Min. | Max. | Min. | Max. |                         | ly                               | lz                 | Wby                     | Wbz                |
|            |     |      |      |      |      |                         | [mm <sup>4</sup> ]               | [mm <sup>4</sup> ] | [mm <sup>3</sup> ]      | [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-10-80/-10-120/-20-80 two parallel rows of mounting holes

Can be combined with:



WJQM...



WW...



WWC...