

## Slider CSW/CSWK

Constructed with zinc-plated steel body and sturdy wipers made of polyamide. Available for all sizes. Depending on the load requirement, slider is configurable with up to six rollers.

Standard sliders are supplied with rollers with 2Z steel disc seals. For dusty environment and splash-proof applications, 2RS rubber seal rollers are available.

The CSWK-sliders, which are made for rail type K, have rollers with circular cross profile. The main load direction should always be on the largest number of the slider-wheels and those wheels should always run on the V-shaped raceway of the K-Rail. So for a typical slider with 3 wheels, the two outer wheels should carry the majority of the load and run in the V-shape and the third (middle) wheel should run on the flat raceway in the K-Rail.

For CSW/CSWK-sliders, the wipers are delivered un-assembled and need to be correctly oriented and assembled. For wipers for K-rails it is especially important that the wipers are laterally adjusted to the rail. In cases when a complete system of rail + slider(s) is ordered, wipers are already assembled, oriented, and adjusted to the rail.

Dimensions in mm.

**Material:** DIN 11SMnPb28. Zinc-plated according to ISO 2081.

**Max. Radial Load Capacity (N):** 15,000 (per slider)

**Temperature range (°C):** -20 to +120



## General Data

| Designation       | Size | Max. Speed (m/s) | Max. Acceleration (m/s) | Roller type | Number of rollers |
|-------------------|------|------------------|-------------------------|-------------|-------------------|
| CSW18-60-2RS-T    | 18   | 3                | 10                      | CPA18-CPN18 | 3                 |
| CSW18-60-2RS-U    | 18   | 3                | 10                      | CPA18-CPN18 | 3                 |
| CSW18-60-2Z-T     | 18   | 3                | 10                      | CPA18-CPN18 | 3                 |
| CSW18-60-2Z-U     | 18   | 3                | 10                      | CPA18-CPN18 | 3                 |
| CSW18-80-2RS-A-T  | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2RS-A-U  | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2Z-A-T   | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2Z-A-U   | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2RS-B-T  | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2RS-B-U  | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2Z-B-T   | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-80-2Z-B-U   | 18   | 3                | 10                      | CPA18       | 4                 |
| CSW18-100-2RS-T   | 18   | 3                | 10                      | CPA18       | 5                 |
| CSW18-100-2RS-U   | 18   | 3                | 10                      | CPA18       | 5                 |
| CSW18-100-2Z-T    | 18   | 3                | 10                      | CPA18       | 5                 |
| CSW18-100-2Z-U    | 18   | 3                | 10                      | CPA18       | 5                 |
| CSW18-120-2RS-A-T | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2RS-A-U | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2Z-A-T  | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2Z-A-U  | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2RS-B-T | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2RS-B-U | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2Z-B-T  | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW18-120-2Z-B-U  | 18   | 3                | 10                      | CPA18       | 6                 |
| CSW28-80-2RS-T    | 28   | 5                | 15                      | CPA28-CPN28 | 3                 |
| CSW28-80-2RS-U    | 28   | 5                | 15                      | CPA28-CPN28 | 3                 |
| CSW28-80-2Z-T     | 28   | 5                | 15                      | CPA28-CPN28 | 3                 |
| CSW28-80-2Z-U     | 28   | 5                | 15                      | CPA28-CPN28 | 3                 |
| CSW28-100-2RS-A-T | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2RS-A-U | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2Z-A-T  | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2Z-A-U  | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2RS-B-T | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2RS-B-U | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2Z-B-T  | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-100-2Z-B-U  | 28   | 5                | 15                      | CPA28       | 4                 |
| CSW28-125-2RS-T   | 28   | 5                | 15                      | CPA28       | 5                 |
| CSW28-125-2RS-U   | 28   | 5                | 15                      | CPA28       | 5                 |
| CSW28-125-2Z-T    | 28   | 5                | 15                      | CPA28       | 5                 |
| CSW28-125-2Z-U    | 28   | 5                | 15                      | CPA28       | 5                 |

## General Data

| Designation       | Size | Max. Speed (m/s) | Max. Acceleration (m/s) | Roller type   | Number of rollers |
|-------------------|------|------------------|-------------------------|---------------|-------------------|
| CSW28-150-2RS-A-T | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2RS-A-U | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2Z-A-T  | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2Z-A-U  | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2RS-B-T | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2RS-B-U | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2Z-B-T  | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW28-150-2Z-B-U  | 28   | 5                | 15                      | CPA28         | 6                 |
| CSW43-120-2RS-T   | 43   | 7                | 15                      | CPA43-CPN43   | 3                 |
| CSW43-120-2RS-U   | 43   | 7                | 15                      | CPA43-CPN43   | 3                 |
| CSW43-120-2Z-T    | 43   | 7                | 15                      | CPA43-CPN43   | 3                 |
| CSW43-120-2Z-U    | 43   | 7                | 15                      | CPA43-CPN43   | 3                 |
| CSW43-150-2RS-A-T | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2RS-A-U | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2Z-A-T  | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2Z-A-U  | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2RS-B-T | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2RS-B-U | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2Z-B-T  | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-150-2Z-B-U  | 43   | 7                | 15                      | CPA43         | 4                 |
| CSW43-190-2RS-T   | 43   | 7                | 15                      | CPA43         | 5                 |
| CSW43-190-2RS-U   | 43   | 7                | 15                      | CPA43         | 5                 |
| CSW43-190-2Z-T    | 43   | 7                | 15                      | CPA43         | 5                 |
| CSW43-190-2Z-U    | 43   | 7                | 15                      | CPA43         | 5                 |
| CSW43-230-2RS-A-T | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2RS-A-U | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2Z-A-T  | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2Z-A-U  | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2RS-B-T | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2RS-B-U | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2Z-B-T  | 43   | 7                | 15                      | CPA43         | 6                 |
| CSW43-230-2Z-B-U  | 43   | 7                | 15                      | CPA43         | 6                 |
| CSWK43-120-2Z     | 43   | 7                | 15                      | CRPA43-CRPN43 | 3                 |
| CSWK43-150-2Z-A   | 43   | 7                | 15                      | CRPA43        | 4                 |
| CSWK43-150-2Z-B   | 43   | 7                | 15                      | CRPA43        | 4                 |
| CSWK43-190-2Z     | 43   | 7                | 15                      | CRPA43        | 5                 |
| CSWK43-230-2Z-A   | 43   | 7                | 15                      | CRPA43        | 6                 |
| CSWK43-230-2Z-B   | 43   | 7                | 15                      | CRPA43        | 6                 |
| CSW63-180-2ZR-T   | 63   | 9                | 20                      | CPA63         | 3                 |
| CSW63-180-2ZR-U   | 63   | 9                | 20                      | CPA63         | 3                 |
| CSW63-235-2ZR-A-T | 63   | 9                | 20                      | CPA63         | 4                 |

## General Data

| Designation       | Size | Max. Speed (m/s) | Max. Acceleration (m/s) | Roller type | Number of rollers |
|-------------------|------|------------------|-------------------------|-------------|-------------------|
| CSW63-235-2ZR-A-U | 63   | 9                | 20                      | CPA63       | 4                 |
| CSW63-235-2ZR-B-T | 63   | 9                | 20                      | CPA63       | 4                 |
| CSW63-235-2ZR-B-U | 63   | 9                | 20                      | CPA63       | 4                 |
| CSW63-290-2ZR-T   | 63   | 9                | 20                      | CPA63       | 5                 |
| CSW63-290-2ZR-U   | 63   | 9                | 20                      | CPA63       | 5                 |
| CSW63-345-2ZR-A-T | 63   | 9                | 20                      | CPA63       | 6                 |
| CSW63-345-2ZR-A-U | 63   | 9                | 20                      | CPA63       | 6                 |
| CSW63-345-2ZR-B-T | 63   | 9                | 20                      | CPA63       | 6                 |
| CSW63-345-2ZR-B-U | 63   | 9                | 20                      | CPA63       | 6                 |
| CSWK63-180-2ZR    | 63   | 9                | 20                      | CRPA63      | 3                 |
| CSWK63-235-2ZR-A  | 63   | 9                | 20                      | CRPA63      | 4                 |
| CSWK63-235-2ZR-B  | 63   | 9                | 20                      | CRPA63      | 4                 |
| CSWK63-290-2ZR    | 63   | 9                | 20                      | CRPA63      | 5                 |
| CSWK63-345-2ZR-A  | 63   | 9                | 20                      | CRPA63      | 6                 |
| CSWK63-345-2ZR-B  | 63   | 9                | 20                      | CRPA63      | 6                 |

| Designation       | Number of Fixing Holes |
|-------------------|------------------------|
| CSW18-60-2RS-T    | 2                      |
| CSW18-60-2RS-U    | 2                      |
| CSW18-60-2Z-T     | 2                      |
| CSW18-60-2Z-U     | 2                      |
| CSW18-80-2RS-A-T  | 2                      |
| CSW18-80-2RS-A-U  | 2                      |
| CSW18-80-2Z-A-T   | 2                      |
| CSW18-80-2Z-A-U   | 2                      |
| CSW18-80-2RS-B-T  | 2                      |
| CSW18-80-2RS-B-U  | 2                      |
| CSW18-80-2Z-B-T   | 2                      |
| CSW18-80-2Z-B-U   | 2                      |
| CSW18-100-2RS-T   | 4                      |
| CSW18-100-2RS-U   | 4                      |
| CSW18-100-2Z-T    | 4                      |
| CSW18-100-2Z-U    | 4                      |
| CSW18-120-2RS-A-T | 3                      |
| CSW18-120-2RS-A-U | 3                      |
| CSW18-120-2Z-A-T  | 3                      |
| CSW18-120-2Z-A-U  | 3                      |
| CSW18-120-2RS-B-T | 3                      |
| CSW18-120-2RS-B-U | 3                      |
| CSW18-120-2Z-B-T  | 3                      |
| CSW18-120-2Z-B-U  | 3                      |

## General Data

| Designation       | Number of Fixing Holes |
|-------------------|------------------------|
| CSW28-80-2RS-T    | 2                      |
| CSW28-80-2RS-U    | 2                      |
| CSW28-80-2Z-T     | 2                      |
| CSW28-80-2Z-U     | 2                      |
| CSW28-100-2RS-A-T | 2                      |
| CSW28-100-2RS-A-U | 2                      |
| CSW28-100-2Z-A-T  | 2                      |
| CSW28-100-2Z-A-U  | 2                      |
| CSW28-100-2RS-B-T | 2                      |
| CSW28-100-2RS-B-U | 2                      |
| CSW28-100-2Z-B-T  | 2                      |
| CSW28-100-2Z-B-U  | 2                      |
| CSW28-125-2RS-T   | 4                      |
| CSW28-125-2RS-U   | 4                      |
| CSW28-125-2Z-T    | 4                      |
| CSW28-125-2Z-U    | 4                      |
| CSW28-150-2RS-A-T | 3                      |
| CSW28-150-2RS-A-U | 3                      |
| CSW28-150-2Z-A-T  | 3                      |
| CSW28-150-2Z-A-U  | 3                      |
| CSW28-150-2RS-B-T | 3                      |
| CSW28-150-2RS-B-U | 3                      |
| CSW28-150-2Z-B-T  | 3                      |
| CSW28-150-2Z-B-U  | 3                      |
| CSW43-120-2RS-T   | 2                      |
| CSW43-120-2RS-U   | 2                      |
| CSW43-120-2Z-T    | 2                      |
| CSW43-120-2Z-U    | 2                      |
| CSW43-150-2RS-A-T | 2                      |
| CSW43-150-2RS-A-U | 2                      |
| CSW43-150-2Z-A-T  | 2                      |
| CSW43-150-2Z-A-U  | 2                      |
| CSW43-150-2RS-B-T | 2                      |
| CSW43-150-2RS-B-U | 2                      |
| CSW43-150-2Z-B-T  | 2                      |
| CSW43-150-2Z-B-U  | 2                      |
| CSW43-190-2RS-T   | 4                      |
| CSW43-190-2RS-U   | 4                      |
| CSW43-190-2Z-T    | 4                      |
| CSW43-190-2Z-U    | 4                      |
| CSW43-230-2RS-A-T | 3                      |

## General Data

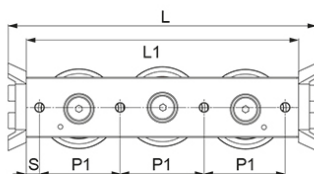
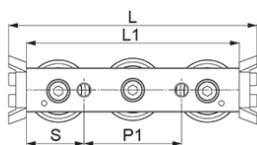
| Designation       | Number of Fixing Holes |
|-------------------|------------------------|
| CSW43-230-2RS-A-U | 3                      |
| CSW43-230-2Z-A-T  | 3                      |
| CSW43-230-2Z-A-U  | 3                      |
| CSW43-230-2RS-B-T | 3                      |
| CSW43-230-2RS-B-U | 3                      |
| CSW43-230-2Z-B-T  | 3                      |
| CSW43-230-2Z-B-U  | 3                      |
| CSWK43-120-2Z     | 2                      |
| CSWK43-150-2Z-A   | 2                      |
| CSWK43-150-2Z-B   | 2                      |
| CSWK43-190-2Z     | 4                      |
| CSWK43-230-2Z-A   | 3                      |
| CSWK43-230-2Z-B   | 3                      |
| CSW63-180-2ZR-T   | 4                      |
| CSW63-180-2ZR-U   | 4                      |
| CSW63-235-2ZR-A-T | 5                      |
| CSW63-235-2ZR-A-U | 5                      |
| CSW63-235-2ZR-B-T | 5                      |
| CSW63-235-2ZR-B-U | 5                      |
| CSW63-290-2ZR-T   | 6                      |
| CSW63-290-2ZR-U   | 6                      |
| CSW63-345-2ZR-A-T | 7                      |
| CSW63-345-2ZR-A-U | 7                      |
| CSW63-345-2ZR-B-T | 7                      |
| CSW63-345-2ZR-B-U | 7                      |
| CSWK63-180-2ZR    | 4                      |
| CSWK63-235-2ZR-A  | 5                      |
| CSWK63-235-2ZR-B  | 5                      |
| CSWK63-290-2ZR    | 6                      |
| CSWK63-345-2ZR-A  | 7                      |
| CSWK63-345-2ZR-B  | 7                      |

## Dimensions

Sizes 18-28-43

Size 63

CSW/CSWK  
with 3 rollers



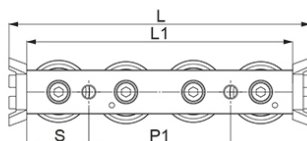
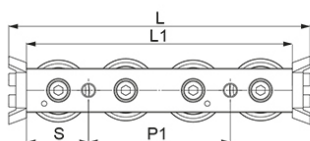
Representation of slider with wiper

Size 18-28-43

Configuration A

Configuration B

CSW/CSWK  
with 4 rollers



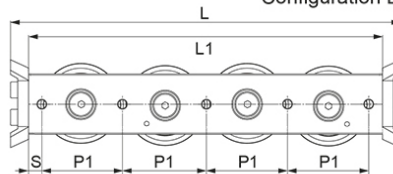
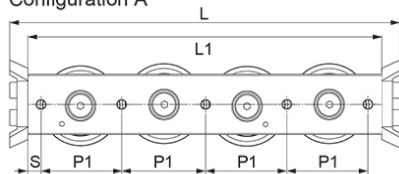
Representation of slider with wiper

Size 63

Configuration A

Configuration B

CSW/CSWK  
with 4 rollers

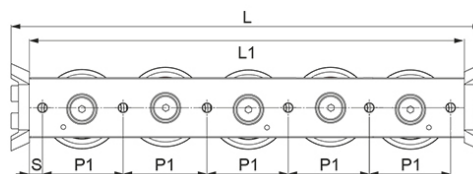
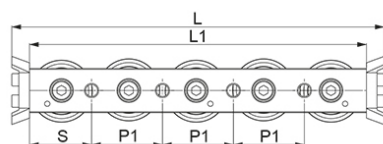


Representation of slider with wiper

Sizes 18-28-43

Size 63

CSW/CSWK  
with 5 rollers



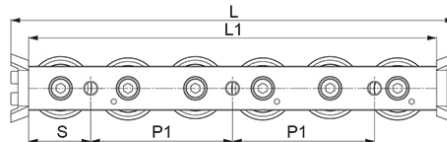
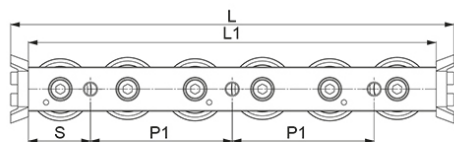
Representation of slider with wiper

Size 18-28-43

Configuration A

Configuration B

CSW/CSWK  
with 6 rollers



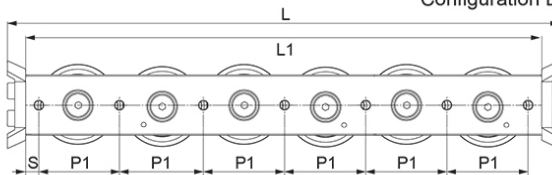
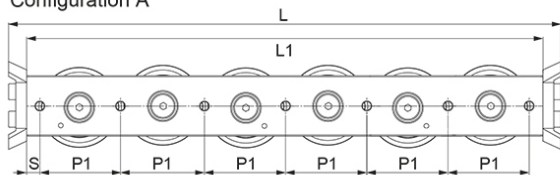
Representation of slider with wiper

Size 63

Configuration A

Configuration B

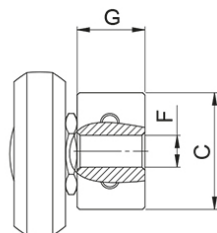
CSW/CSWK  
with 6 rollers



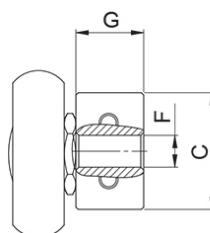
Representation of slider with wiper

## Dimensions

CS-slider with prismatic rollers for use in T- and U-rails



CSK-slider with crowned rollers for use in K-rails sizes 43 and 63



| Designation       | L1  | L   | C    | G   | F  | P1 | S    |
|-------------------|-----|-----|------|-----|----|----|------|
| CSW18-60-2RS-T    | 60  | 76  | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-60-2RS-U    | 60  | 76  | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-60-2Z-T     | 60  | 76  | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-60-2Z-U     | 60  | 76  | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-80-2RS-A-T  | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2RS-A-U  | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2Z-A-T   | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2Z-A-U   | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2RS-B-T  | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2RS-B-U  | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2Z-B-T   | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-80-2Z-B-U   | 80  | 96  | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-100-2RS-T   | 100 | 116 | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-100-2RS-U   | 100 | 116 | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-100-2Z-T    | 100 | 116 | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-100-2Z-U    | 100 | 116 | 9.5  | 5.7 | M5 | 20 | 20   |
| CSW18-120-2RS-A-T | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2RS-A-U | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2Z-A-T  | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2Z-A-U  | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2RS-B-T | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2RS-B-U | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2Z-B-T  | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW18-120-2Z-B-U  | 120 | 136 | 9.5  | 5.7 | M5 | 40 | 20   |
| CSW28-80-2RS-T    | 80  | 100 | 14.9 | 9.7 | M5 | 35 | 22.5 |
| CSW28-80-2RS-U    | 80  | 100 | 14.9 | 9.7 | M5 | 35 | 22.5 |
| CSW28-80-2Z-T     | 80  | 100 | 14.9 | 9.7 | M5 | 35 | 22.5 |
| CSW28-80-2Z-U     | 80  | 100 | 14.9 | 9.7 | M5 | 35 | 22.5 |
| CSW28-100-2RS-A-T | 100 | 120 | 14.9 | 9.7 | M5 | 50 | 25   |
| CSW28-100-2RS-A-U | 100 | 120 | 14.9 | 9.7 | M5 | 50 | 25   |
| CSW28-100-2Z-A-T  | 100 | 120 | 14.9 | 9.7 | M5 | 50 | 25   |
| CSW28-100-2Z-A-U  | 100 | 120 | 14.9 | 9.7 | M5 | 50 | 25   |
| CSW28-100-2RS-B-T | 100 | 120 | 14.9 | 9.7 | M5 | 50 | 25   |
| CSW28-100-2RS-B-U | 100 | 120 | 14.9 | 9.7 | M5 | 50 | 25   |



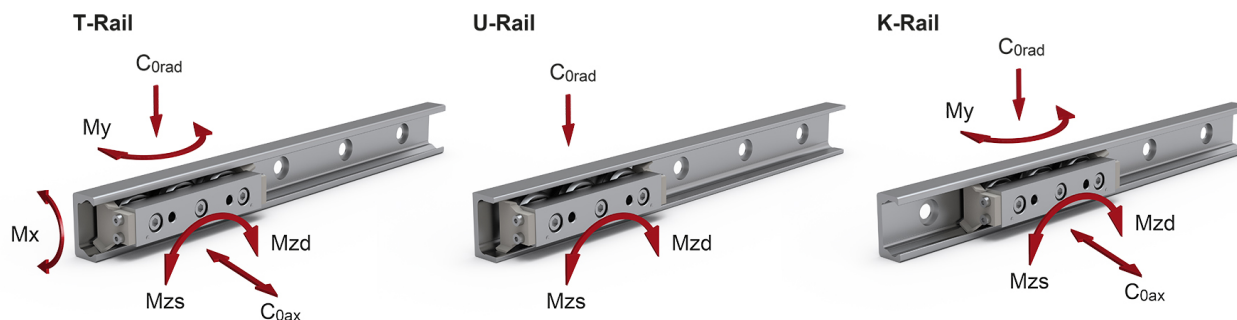
## Dimensions

| Designation       | L1  | L   | C    | G    | F  | P1 | S    |
|-------------------|-----|-----|------|------|----|----|------|
| CSW28-100-2Z-B-T  | 100 | 120 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-100-2Z-B-U  | 100 | 120 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-125-2RS-T   | 125 | 145 | 14.9 | 9.7  | M5 | 25 | 25   |
| CSW28-125-2RS-U   | 125 | 145 | 14.9 | 9.7  | M5 | 25 | 25   |
| CSW28-125-2Z-T    | 125 | 145 | 14.9 | 9.7  | M5 | 25 | 25   |
| CSW28-125-2Z-U    | 125 | 145 | 14.9 | 9.7  | M5 | 25 | 25   |
| CSW28-150-2RS-A-T | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2RS-A-U | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2Z-A-T  | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2Z-A-U  | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2RS-B-T | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2RS-B-U | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2Z-B-T  | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW28-150-2Z-B-U  | 150 | 170 | 14.9 | 9.7  | M5 | 50 | 25   |
| CSW43-120-2RS-T   | 120 | 140 | 24.9 | 14.5 | M8 | 55 | 32.5 |
| CSW43-120-2RS-U   | 120 | 140 | 24.9 | 14.5 | M8 | 55 | 32.5 |
| CSW43-120-2Z-T    | 120 | 140 | 24.9 | 14.5 | M8 | 55 | 32.5 |
| CSW43-120-2Z-U    | 120 | 140 | 24.9 | 14.5 | M8 | 55 | 32.5 |
| CSW43-150-2RS-A-T | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2RS-A-U | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2Z-A-T  | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2Z-A-U  | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2RS-B-T | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2RS-B-U | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2Z-B-T  | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-150-2Z-B-U  | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-190-2RS-T   | 190 | 210 | 24.9 | 14.5 | M8 | 40 | 35   |
| CSW43-190-2RS-U   | 190 | 210 | 24.9 | 14.5 | M8 | 40 | 35   |
| CSW43-190-2Z-T    | 190 | 210 | 24.9 | 14.5 | M8 | 40 | 35   |
| CSW43-190-2Z-U    | 190 | 210 | 24.9 | 14.5 | M8 | 40 | 35   |
| CSW43-230-2RS-A-T | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2RS-A-U | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2Z-A-T  | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2Z-A-U  | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2RS-B-T | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2RS-B-U | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2Z-B-T  | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW43-230-2Z-B-U  | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSWK43-120-2Z     | 120 | 140 | 24.9 | 14.5 | M8 | 55 | 32.5 |
| CSWK43-150-2Z-A   | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSWK43-150-2Z-B   | 150 | 170 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSWK43-190-2Z     | 190 | 210 | 24.9 | 14.5 | M8 | 40 | 35   |

## Dimensions

| Designation       | L1  | L   | C    | G    | F  | P1 | S    |
|-------------------|-----|-----|------|------|----|----|------|
| CSWK43-230-2Z-A   | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSWK43-230-2Z-B   | 230 | 250 | 24.9 | 14.5 | M8 | 80 | 35   |
| CSW63-180-2ZR-T   | 180 | 200 | 39.5 | 19.5 | M8 | 54 | 9    |
| CSW63-180-2ZR-U   | 180 | 200 | 39.5 | 19.5 | M8 | 54 | 9    |
| CSW63-235-2ZR-A-T | 235 | 255 | 39.5 | 19.5 | M8 | 54 | 9.5  |
| CSW63-235-2ZR-A-U | 235 | 255 | 39.5 | 19.5 | M8 | 54 | 9.5  |
| CSW63-235-2ZR-B-T | 235 | 255 | 39.5 | 19.5 | M8 | 54 | 9.5  |
| CSW63-235-2ZR-B-U | 235 | 255 | 39.5 | 19.5 | M8 | 54 | 9.5  |
| CSW63-290-2ZR-T   | 290 | 310 | 39.5 | 19.5 | M8 | 54 | 10   |
| CSW63-290-2ZR-U   | 290 | 310 | 39.5 | 19.5 | M8 | 54 | 10   |
| CSW63-345-2ZR-A-T | 345 | 365 | 39.5 | 19.5 | M8 | 54 | 10.5 |
| CSW63-345-2ZR-A-U | 345 | 365 | 39.5 | 19.5 | M8 | 54 | 10.5 |
| CSW63-345-2ZR-B-T | 345 | 365 | 39.5 | 19.5 | M8 | 54 | 10.5 |
| CSW63-345-2ZR-B-U | 345 | 365 | 39.5 | 19.5 | M8 | 54 | 10.5 |
| CSWK63-180-2ZR    | 180 | 200 | 39.5 | 19.5 | M8 | 54 | 9    |
| CSWK63-235-2ZR-A  | 235 | 255 | 39.5 | 19.5 | M8 | 54 | 9.5  |
| CSWK63-235-2ZR-B  | 235 | 255 | 39.5 | 19.5 | M8 | 54 | 9.5  |
| CSWK63-290-2ZR    | 290 | 310 | 39.5 | 19.5 | M8 | 54 | 10   |
| CSWK63-345-2ZR-A  | 345 | 365 | 39.5 | 19.5 | M8 | 54 | 10.5 |
| CSWK63-345-2ZR-B  | 345 | 365 | 39.5 | 19.5 | M8 | 54 | 10.5 |

## Load & Weight



The load capacities in the following tables each apply for one slider. When using the slider in U-rails (floating bearing rails) the values are  $C_{0ax} = 0$ ,  $M_x = 0$  and  $M_y = 0$ . When using the sliders in K-rails (compensation rails) the value is:  $M_x = 0$ .

| Designation       | C (N) | C0rad (N) | C0ax (N) | Mx (Nm) | My (Nm) |
|-------------------|-------|-----------|----------|---------|---------|
| CSW18-60-2RS-T    | 1530  | 820       | 260      | 1.5     | 4.7     |
| CSW18-60-2RS-U    | 1530  | 820       | 260      | 1.5     | 4.7     |
| CSW18-60-2Z-T     | 1530  | 820       | 260      | 1.5     | 4.7     |
| CSW18-60-2Z-U     | 1530  | 820       | 260      | 1.5     | 4.7     |
| CSW18-80-2RS-A-T  | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2RS-A-U  | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2Z-A-T   | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2Z-A-U   | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2RS-B-T  | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2RS-B-U  | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2Z-B-T   | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-80-2Z-B-U   | 1530  | 820       | 300      | 2.8     | 7       |
| CSW18-100-2RS-T   | 1830  | 975       | 360      | 2.8     | 9.4     |
| CSW18-100-2RS-U   | 1830  | 975       | 360      | 2.8     | 9.4     |
| CSW18-100-2Z-T    | 1830  | 975       | 360      | 2.8     | 9.4     |
| CSW18-100-2Z-U    | 1830  | 975       | 360      | 2.8     | 9.4     |
| CSW18-120-2RS-A-T | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2RS-A-U | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2Z-A-T  | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2Z-A-U  | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2RS-B-T | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2RS-B-U | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2Z-B-T  | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW18-120-2Z-B-U  | 1830  | 975       | 440      | 3.3     | 11.8    |
| CSW28-80-2RS-T    | 4260  | 2170      | 640      | 6.2     | 16      |
| CSW28-80-2RS-U    | 4260  | 2170      | 640      | 6.2     | 16      |
| CSW28-80-2Z-T     | 4260  | 2170      | 640      | 6.2     | 16      |
| CSW28-80-2Z-U     | 4260  | 2170      | 640      | 6.2     | 16      |
| CSW28-100-2RS-A-T | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-100-2RS-A-U | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-100-2Z-A-T  | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-100-2Z-A-U  | 4260  | 2170      | 750      | 11.5    | 21.7    |

## Load & Weight

| Designation       | C (N) | C0rad (N) | C0ax (N) | Mx (Nm) | My (Nm) |
|-------------------|-------|-----------|----------|---------|---------|
| CSW28-100-2RS-B-T | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-100-2RS-B-U | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-100-2Z-B-T  | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-100-2Z-B-U  | 4260  | 2170      | 750      | 11.5    | 21.7    |
| CSW28-125-2RS-T   | 5065  | 2580      | 900      | 11.5    | 29      |
| CSW28-125-2RS-U   | 5065  | 2580      | 900      | 11.5    | 29      |
| CSW28-125-2Z-T    | 5065  | 2580      | 900      | 11.5    | 29      |
| CSW28-125-2Z-U    | 5065  | 2580      | 900      | 11.5    | 29      |
| CSW28-150-2RS-A-T | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2RS-A-U | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2Z-A-T  | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2Z-A-U  | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2RS-B-T | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2RS-B-U | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2Z-B-T  | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW28-150-2Z-B-U  | 5065  | 2580      | 1070     | 13.7    | 36.2    |
| CSW43-120-2RS-T   | 12280 | 5500      | 1570     | 23.6    | 60      |
| CSW43-120-2RS-U   | 12280 | 5500      | 1570     | 23.6    | 60      |
| CSW43-120-2Z-T    | 12280 | 5500      | 1570     | 23.6    | 60      |
| CSW43-120-2Z-U    | 12280 | 5500      | 1570     | 23.6    | 60      |
| CSW43-150-2RS-A-T | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2RS-A-U | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2Z-A-T  | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2Z-A-U  | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2RS-B-T | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2RS-B-U | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2Z-B-T  | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-150-2Z-B-U  | 12280 | 5500      | 1855     | 43.6    | 81.5    |
| CSW43-190-2RS-T   | 14675 | 6540      | 2215     | 43.6    | 108.6   |
| CSW43-190-2RS-U   | 14675 | 6540      | 2215     | 43.6    | 108.6   |
| CSW43-190-2Z-T    | 14675 | 6540      | 2215     | 43.6    | 108.6   |
| CSW43-190-2Z-U    | 14675 | 6540      | 2215     | 43.6    | 108.6   |
| CSW43-230-2RS-A-T | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2RS-A-U | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2Z-A-T  | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2Z-A-U  | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2RS-B-T | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2RS-B-U | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2Z-B-T  | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSW43-230-2Z-B-U  | 14675 | 6540      | 2645     | 52      | 135.8   |
| CSWK43-120-2Z     | 12280 | 5100      | 1320     | 0       | 50.4    |
| CSWK43-150-2Z-A   | 12280 | 5100      | 1320     | 0       | 54.3    |

## Load & Weight

| Designation       | C (N) | C0rad (N) | C0ax (N) | Mx (Nm) | My (Nm) |
|-------------------|-------|-----------|----------|---------|---------|
| CSWK43-150-2Z-B   | 12280 | 5100      | 1320     | 0       | 54.3    |
| CSWK43-190-2Z     | 14675 | 6065      | 1570     | 0       | 108.7   |
| CSWK43-230-2Z-A   | 14675 | 6065      | 1570     | 0       | 108.7   |
| CSWK43-230-2Z-B   | 14675 | 6065      | 1570     | 0       | 108.7   |
| CSW63-180-2ZR-T   | 30750 | 12500     | 6000     | 125     | 271     |
| CSW63-180-2ZR-U   | 30750 | 12500     | 6000     | 125     | 271     |
| CSW63-235-2ZR-A-T | 30750 | 12500     | 7200     | 250     | 413     |
| CSW63-235-2ZR-A-U | 30750 | 12500     | 7200     | 250     | 413     |
| CSW63-235-2ZR-B-T | 30750 | 12500     | 7200     | 250     | 413     |
| CSW63-235-2ZR-B-U | 30750 | 12500     | 7200     | 250     | 413     |
| CSW63-290-2ZR-T   | 36600 | 15000     | 8500     | 250     | 511     |
| CSW63-290-2ZR-U   | 36600 | 15000     | 8500     | 250     | 511     |
| CSW63-345-2ZR-A-T | 36600 | 15000     | 10000    | 350     | 689     |
| CSW63-345-2ZR-A-U | 36600 | 15000     | 10000    | 350     | 689     |
| CSW63-345-2ZR-B-T | 36600 | 15000     | 10000    | 350     | 689     |
| CSW63-345-2ZR-B-U | 36600 | 15000     | 10000    | 350     | 689     |
| CSWK63-180-2ZR    | 30750 | 11550     | 5045     | 0       | 235     |
| CSWK63-235-2ZR-A  | 30750 | 11550     | 5045     | 0       | 294     |
| CSWK63-235-2ZR-B  | 30750 | 11550     | 5045     | 0       | 294     |
| CSWK63-290-2ZR    | 36600 | 13745     | 6000     | 0       | 589     |
| CSWK63-345-2ZR-A  | 36600 | 13745     | 6000     | 0       | 589     |
| CSWK63-345-2ZR-B  | 36600 | 13745     | 6000     | 0       | 589     |

| Designation       | Mzd (Nm) | Mzs (Nm) | Weight (kg) |
|-------------------|----------|----------|-------------|
| CSW18-60-2RS-T    | 8.2      | 8.2      | 0.04        |
| CSW18-60-2RS-U    | 8.2      | 8.2      | 0.04        |
| CSW18-60-2Z-T     | 8.2      | 8.2      | 0.04        |
| CSW18-60-2Z-U     | 8.2      | 8.2      | 0.04        |
| CSW18-80-2RS-A-T  | 8.2      | 24.7     | 0.05        |
| CSW18-80-2RS-A-U  | 8.2      | 24.7     | 0.05        |
| CSW18-80-2Z-A-T   | 8.2      | 24.7     | 0.05        |
| CSW18-80-2Z-A-U   | 8.2      | 24.7     | 0.05        |
| CSW18-80-2RS-B-T  | 24.7     | 8.2      | 0.05        |
| CSW18-80-2RS-B-U  | 24.7     | 8.2      | 0.05        |
| CSW18-80-2Z-B-T   | 24.7     | 8.2      | 0.05        |
| CSW18-80-2Z-B-U   | 24.7     | 8.2      | 0.05        |
| CSW18-100-2RS-T   | 24.7     | 24.7     | 0.06        |
| CSW18-100-2RS-U   | 24.7     | 24.7     | 0.06        |
| CSW18-100-2Z-T    | 24.7     | 24.7     | 0.06        |
| CSW18-100-2Z-U    | 24.7     | 24.7     | 0.06        |
| CSW18-120-2RS-A-T | 24.7     | 41.1     | 0.07        |
| CSW18-120-2RS-A-U | 24.7     | 41.1     | 0.07        |

## Load & Weight

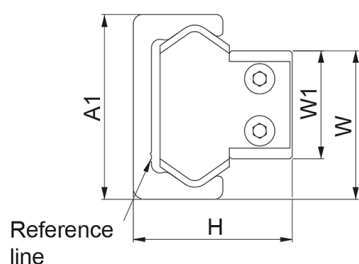
| Designation       | Mzd (Nm) | Mzs (Nm) | Weight (kg) |
|-------------------|----------|----------|-------------|
| CSW18-120-2Z-A-T  | 24.7     | 41.1     | 0.07        |
| CSW18-120-2Z-A-U  | 24.7     | 41.1     | 0.07        |
| CSW18-120-2RS-B-T | 41.1     | 24.7     | 0.07        |
| CSW18-120-2RS-B-U | 41.1     | 24.7     | 0.07        |
| CSW18-120-2Z-B-T  | 41.1     | 24.7     | 0.07        |
| CSW18-120-2Z-B-U  | 41.1     | 24.7     | 0.07        |
| CSW28-80-2RS-T    | 27.2     | 27.2     | 0.155       |
| CSW28-80-2RS-U    | 27.2     | 27.2     | 0.155       |
| CSW28-80-2Z-T     | 27.2     | 27.2     | 0.155       |
| CSW28-80-2Z-U     | 27.2     | 27.2     | 0.155       |
| CSW28-100-2RS-A-T | 27.2     | 81.7     | 0.195       |
| CSW28-100-2RS-A-U | 27.2     | 81.7     | 0.195       |
| CSW28-100-2Z-A-T  | 27.2     | 81.7     | 0.195       |
| CSW28-100-2Z-A-U  | 27.2     | 81.7     | 0.195       |
| CSW28-100-2RS-B-T | 81.7     | 27.2     | 0.195       |
| CSW28-100-2RS-B-U | 81.7     | 27.2     | 0.195       |
| CSW28-100-2Z-B-T  | 81.7     | 27.2     | 0.195       |
| CSW28-100-2Z-B-U  | 81.7     | 27.2     | 0.195       |
| CSW28-125-2RS-T   | 81.7     | 81.7     | 0.24        |
| CSW28-125-2RS-U   | 81.7     | 81.7     | 0.24        |
| CSW28-125-2Z-T    | 81.7     | 81.7     | 0.24        |
| CSW28-125-2Z-U    | 81.7     | 81.7     | 0.24        |
| CSW28-150-2RS-A-T | 81.7     | 136.1    | 0.29        |
| CSW28-150-2RS-A-U | 81.7     | 136.1    | 0.29        |
| CSW28-150-2Z-A-T  | 81.7     | 136.1    | 0.29        |
| CSW28-150-2Z-A-U  | 81.7     | 136.1    | 0.29        |
| CSW28-150-2RS-B-T | 136.1    | 81.7     | 0.29        |
| CSW28-150-2RS-B-U | 136.1    | 81.7     | 0.29        |
| CSW28-150-2Z-B-T  | 136.1    | 81.7     | 0.29        |
| CSW28-150-2Z-B-U  | 136.1    | 81.7     | 0.29        |
| CSW43-120-2RS-T   | 104.5    | 104.5    | 0.53        |
| CSW43-120-2RS-U   | 104.5    | 104.5    | 0.53        |
| CSW43-120-2Z-T    | 104.5    | 104.5    | 0.53        |
| CSW43-120-2Z-U    | 104.5    | 104.5    | 0.53        |
| CSW43-150-2RS-A-T | 104.5    | 313.5    | 0.68        |
| CSW43-150-2RS-A-U | 104.5    | 313.5    | 0.68        |
| CSW43-150-2Z-A-T  | 104.5    | 313.5    | 0.68        |
| CSW43-150-2Z-A-U  | 104.5    | 313.5    | 0.68        |
| CSW43-150-2RS-B-T | 313.5    | 104.5    | 0.68        |
| CSW43-150-2RS-B-U | 313.5    | 104.5    | 0.68        |
| CSW43-150-2Z-B-T  | 313.5    | 104.5    | 0.68        |
| CSW43-150-2Z-B-U  | 313.5    | 104.5    | 0.68        |

## Load & Weight

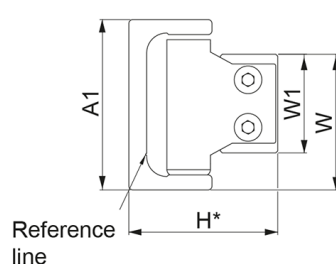
| Designation       | Mzd (Nm) | Mzs (Nm) | Weight (kg) |
|-------------------|----------|----------|-------------|
| CSW43-190-2RS-T   | 313.5    | 313.5    | 0.84        |
| CSW43-190-2RS-U   | 313.5    | 313.5    | 0.84        |
| CSW43-190-2Z-T    | 313.5    | 313.5    | 0.84        |
| CSW43-190-2Z-U    | 313.5    | 313.5    | 0.84        |
| CSW43-230-2RS-A-T | 313.5    | 522.5    | 1.01        |
| CSW43-230-2RS-A-U | 313.5    | 522.5    | 1.01        |
| CSW43-230-2Z-A-T  | 313.5    | 522.5    | 1.01        |
| CSW43-230-2Z-A-U  | 313.5    | 522.5    | 1.01        |
| CSW43-230-2RS-B-T | 522.5    | 313.5    | 1.01        |
| CSW43-230-2RS-B-U | 522.5    | 313.5    | 1.01        |
| CSW43-230-2Z-B-T  | 522.5    | 313.5    | 1.01        |
| CSW43-230-2Z-B-U  | 522.5    | 313.5    | 1.01        |
| CSWK43-120-2Z     | 96.9     | 96.9     | 0.53        |
| CSWK43-150-2Z-A   | 96.9     | 290.7    | 0.68        |
| CSWK43-150-2Z-B   | 290.7    | 96.9     | 0.68        |
| CSWK43-190-2Z     | 290.7    | 290.7    | 0.84        |
| CSWK43-230-2Z-A   | 290.7    | 484.5    | 1.01        |
| CSWK43-230-2Z-B   | 484.5    | 290.7    | 1.01        |
| CSW63-180-2ZR-T   | 367      | 367      | 1.66        |
| CSW63-180-2ZR-U   | 367      | 367      | 1.66        |
| CSW63-235-2ZR-A-T | 367      | 1100     | 2.17        |
| CSW63-235-2ZR-A-U | 367      | 1100     | 2.17        |
| CSW63-235-2ZR-B-T | 1100     | 367      | 2.17        |
| CSW63-235-2ZR-B-U | 1100     | 367      | 2.17        |
| CSW63-290-2ZR-T   | 1100     | 1100     | 2.67        |
| CSW63-290-2ZR-U   | 1100     | 1100     | 2.67        |
| CSW63-345-2ZR-A-T | 1100     | 1830     | 3.17        |
| CSW63-345-2ZR-A-U | 1100     | 1830     | 3.17        |
| CSW63-345-2ZR-B-T | 1830     | 1100     | 3.17        |
| CSW63-345-2ZR-B-U | 1830     | 1100     | 3.17        |
| CSWK63-180-2ZR    | 335      | 335      | 1.66        |
| CSWK63-235-2ZR-A  | 335      | 935      | 2.17        |
| CSWK63-235-2ZR-B  | 935      | 335      | 2.17        |
| CSWK63-290-2ZR    | 935      | 935      | 2.67        |
| CSWK63-345-2ZR-A  | 935      | 1560     | 3.17        |
| CSWK63-345-2ZR-B  | 1560     | 935      | 3.17        |

## Rail/Slider Combination

T-rail with CSW slider

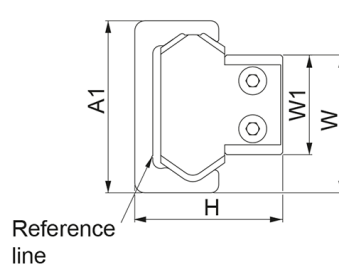


U-rail with CSW slider



\* Nom. value

K-rail with CSWK-slider



The K-rail enables the slider to twist around its longitudinal axis.

| Designation       | A1               | H (Slider+T-rail)  | H (Slider+U-rail) | H (Slider+K-rail) | W1             |
|-------------------|------------------|--------------------|-------------------|-------------------|----------------|
| CSW18-60-2RS-T    | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-60-2RS-U    | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-60-2Z-T     | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-60-2Z-U     | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2RS-A-T  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2RS-A-U  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2Z-A-T   | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2Z-A-U   | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2RS-B-T  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2RS-B-U  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2Z-B-T   | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-80-2Z-B-U   | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-100-2RS-T   | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-100-2RS-U   | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-100-2Z-T    | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-100-2Z-U    | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2RS-A-T | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2RS-A-U | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2Z-A-T  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2Z-A-U  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2RS-B-T | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2RS-B-U | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2Z-B-T  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW18-120-2Z-B-U  | 18 (+0.25/-0.10) | 15 (+0.15/-0.15)   | 15*               | n/a               | 9.5 (0/-0.05)  |
| CSW28-80-2RS-T    | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-80-2RS-U    | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-80-2Z-T     | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-80-2Z-U     | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2RS-A-T | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2RS-A-U | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2Z-A-T  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |



## Rail/Slider Combination

| Designation       | A1               | H (Slider+T-rail)  | H (Slider+U-rail) | H (Slider+K-rail) | W1             |
|-------------------|------------------|--------------------|-------------------|-------------------|----------------|
| CSW28-100-2Z-A-U  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2RS-B-T | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2RS-B-U | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2Z-B-T  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-100-2Z-B-U  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-125-2RS-T   | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-125-2RS-U   | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-125-2Z-T    | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-125-2Z-U    | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2RS-A-T | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2RS-A-U | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2Z-A-T  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2Z-A-U  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2RS-B-T | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2RS-B-U | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2Z-B-T  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW28-150-2Z-B-U  | 28 (+0.25/-0.10) | 23.9 (+0.15/-0.15) | 23.9*             | n/a               | 14.9 (0/-0.10) |
| CSW43-120-2RS-T   | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-120-2RS-U   | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-120-2Z-T    | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-120-2Z-U    | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2RS-A-T | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2RS-A-U | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2Z-A-T  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2Z-A-U  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2RS-B-T | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2RS-B-U | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2Z-B-T  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-150-2Z-B-U  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-190-2RS-T   | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-190-2RS-U   | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-190-2Z-T    | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-190-2Z-U    | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2RS-A-T | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2RS-A-U | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2Z-A-T  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2Z-A-U  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2RS-B-T | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2RS-B-U | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2Z-B-T  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSW43-230-2Z-B-U  | 43 (+0.35/-0.10) | 37 (+0.15/-0.15)   | 37*               | n/a               | 24.9 (0/-0.15) |
| CSWK43-120-2Z     | 43 (+0.35/-0.10) | n/a                | n/a               | 37 (+0.15/-0.15)  | 24.9 (0/-0.15) |

## Rail/Slider Combination

| Designation       | A1               | H (Slider+T-rail)  | H (Slider+U-rail) | H (Slider+K-rail)  | W1             |
|-------------------|------------------|--------------------|-------------------|--------------------|----------------|
| CSWK43-150-2Z-A   | 43 (+0.35/-0.10) | n/a                | n/a               | 37 (+0.15/-0.15)   | 24.9 (0/-0.15) |
| CSWK43-150-2Z-B   | 43 (+0.35/-0.10) | n/a                | n/a               | 37 (+0.15/-0.15)   | 24.9 (0/-0.15) |
| CSWK43-190-2Z     | 43 (+0.35/-0.10) | n/a                | n/a               | 37 (+0.15/-0.15)   | 24.9 (0/-0.15) |
| CSWK43-230-2Z-A   | 43 (+0.35/-0.10) | n/a                | n/a               | 37 (+0.15/-0.15)   | 24.9 (0/-0.15) |
| CSWK43-230-2Z-B   | 43 (+0.35/-0.10) | n/a                | n/a               | 37 (+0.15/-0.15)   | 24.9 (0/-0.15) |
| CSW63-180-2ZR-T   | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-180-2ZR-U   | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-235-2ZR-A-T | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-235-2ZR-A-U | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-235-2ZR-B-T | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-235-2ZR-B-U | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-290-2ZR-T   | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-290-2ZR-U   | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-345-2ZR-A-T | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-345-2ZR-A-U | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-345-2ZR-B-T | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSW63-345-2ZR-B-U | 63 (+0.35/-0.10) | 49.8 (+0.15/-0.15) | 49.8*             | n/a                | 39.5 (+0.15/0) |
| CSWK63-180-2ZR    | 63 (+0.35/-0.10) | n/a                | n/a               | 49.8 (+0.15/-0.15) | 39.5 (+0.15/0) |
| CSWK63-235-2ZR-A  | 63 (+0.35/-0.10) | n/a                | n/a               | 49.8 (+0.15/-0.15) | 39.5 (+0.15/0) |
| CSWK63-235-2ZR-B  | 63 (+0.35/-0.10) | n/a                | n/a               | 49.8 (+0.15/-0.15) | 39.5 (+0.15/0) |
| CSWK63-290-2ZR    | 63 (+0.35/-0.10) | n/a                | n/a               | 49.8 (+0.15/-0.15) | 39.5 (+0.15/0) |
| CSWK63-345-2ZR-A  | 63 (+0.35/-0.10) | n/a                | n/a               | 49.8 (+0.15/-0.15) | 39.5 (+0.15/0) |
| CSWK63-345-2ZR-B  | 63 (+0.35/-0.10) | n/a                | n/a               | 49.8 (+0.15/-0.15) | 39.5 (+0.15/0) |

| Designation       | W                |
|-------------------|------------------|
| CSW18-60-2RS-T    | 14 (+0.05/-0.25) |
| CSW18-60-2RS-U    | 14 (+0.05/-0.25) |
| CSW18-60-2Z-T     | 14 (+0.05/-0.25) |
| CSW18-60-2Z-U     | 14 (+0.05/-0.25) |
| CSW18-80-2RS-A-T  | 14 (+0.05/-0.25) |
| CSW18-80-2RS-A-U  | 14 (+0.05/-0.25) |
| CSW18-80-2Z-A-T   | 14 (+0.05/-0.25) |
| CSW18-80-2Z-A-U   | 14 (+0.05/-0.25) |
| CSW18-80-2RS-B-T  | 14 (+0.05/-0.25) |
| CSW18-80-2RS-B-U  | 14 (+0.05/-0.25) |
| CSW18-80-2Z-B-T   | 14 (+0.05/-0.25) |
| CSW18-80-2Z-B-U   | 14 (+0.05/-0.25) |
| CSW18-100-2RS-T   | 14 (+0.05/-0.25) |
| CSW18-100-2RS-U   | 14 (+0.05/-0.25) |
| CSW18-100-2Z-T    | 14 (+0.05/-0.25) |
| CSW18-100-2Z-U    | 14 (+0.05/-0.25) |
| CSW18-120-2RS-A-T | 14 (+0.05/-0.25) |

## Rail/Slider Combination

| Designation       | W                  |
|-------------------|--------------------|
| CSW18-120-2RS-A-U | 14 (+0.05/-0.25)   |
| CSW18-120-2Z-A-T  | 14 (+0.05/-0.25)   |
| CSW18-120-2Z-A-U  | 14 (+0.05/-0.25)   |
| CSW18-120-2RS-B-T | 14 (+0.05/-0.25)   |
| CSW18-120-2RS-B-U | 14 (+0.05/-0.25)   |
| CSW18-120-2Z-B-T  | 14 (+0.05/-0.25)   |
| CSW18-120-2Z-B-U  | 14 (+0.05/-0.25)   |
| CSW28-80-2RS-T    | 21.7 (+0.05/-0.35) |
| CSW28-80-2RS-U    | 21.7 (+0.05/-0.35) |
| CSW28-80-2Z-T     | 21.7 (+0.05/-0.35) |
| CSW28-80-2Z-U     | 21.7 (+0.05/-0.35) |
| CSW28-100-2RS-A-T | 21.7 (+0.05/-0.35) |
| CSW28-100-2RS-A-U | 21.7 (+0.05/-0.35) |
| CSW28-100-2Z-A-T  | 21.7 (+0.05/-0.35) |
| CSW28-100-2Z-A-U  | 21.7 (+0.05/-0.35) |
| CSW28-100-2RS-B-T | 21.7 (+0.05/-0.35) |
| CSW28-100-2RS-B-U | 21.7 (+0.05/-0.35) |
| CSW28-100-2Z-B-T  | 21.7 (+0.05/-0.35) |
| CSW28-100-2Z-B-U  | 21.7 (+0.05/-0.35) |
| CSW28-125-2RS-T   | 21.7 (+0.05/-0.35) |
| CSW28-125-2RS-U   | 21.7 (+0.05/-0.35) |
| CSW28-125-2Z-T    | 21.7 (+0.05/-0.35) |
| CSW28-125-2Z-U    | 21.7 (+0.05/-0.35) |
| CSW28-150-2RS-A-T | 21.7 (+0.05/-0.35) |
| CSW28-150-2RS-A-U | 21.7 (+0.05/-0.35) |
| CSW28-150-2Z-A-T  | 21.7 (+0.05/-0.35) |
| CSW28-150-2Z-A-U  | 21.7 (+0.05/-0.35) |
| CSW28-150-2RS-B-T | 21.7 (+0.05/-0.35) |
| CSW28-150-2RS-B-U | 21.7 (+0.05/-0.35) |
| CSW28-150-2Z-B-T  | 21.7 (+0.05/-0.35) |
| CSW28-150-2Z-B-U  | 21.7 (+0.05/-0.35) |
| CSW43-120-2RS-T   | 34.3 (+0.15/-0.30) |
| CSW43-120-2RS-U   | 34.3 (+0.15/-0.30) |
| CSW43-120-2Z-T    | 34.3 (+0.15/-0.30) |
| CSW43-120-2Z-U    | 34.3 (+0.15/-0.30) |
| CSW43-150-2RS-A-T | 34.3 (+0.15/-0.30) |
| CSW43-150-2RS-A-U | 34.3 (+0.15/-0.30) |
| CSW43-150-2Z-A-T  | 34.3 (+0.15/-0.30) |
| CSW43-150-2Z-A-U  | 34.3 (+0.15/-0.30) |
| CSW43-150-2RS-B-T | 34.3 (+0.15/-0.30) |
| CSW43-150-2RS-B-U | 34.3 (+0.15/-0.30) |
| CSW43-150-2Z-B-T  | 34.3 (+0.15/-0.30) |

## Rail/Slider Combination

| Designation       | W                  |
|-------------------|--------------------|
| CSW43-150-2Z-B-U  | 34.3 (+0.15/-0.30) |
| CSW43-190-2RS-T   | 34.3 (+0.15/-0.30) |
| CSW43-190-2RS-U   | 34.3 (+0.15/-0.30) |
| CSW43-190-2Z-T    | 34.3 (+0.15/-0.30) |
| CSW43-190-2Z-U    | 34.3 (+0.15/-0.30) |
| CSW43-230-2RS-A-T | 34.3 (+0.15/-0.30) |
| CSW43-230-2RS-A-U | 34.3 (+0.15/-0.30) |
| CSW43-230-2Z-A-T  | 34.3 (+0.15/-0.30) |
| CSW43-230-2Z-A-U  | 34.3 (+0.15/-0.30) |
| CSW43-230-2RS-B-T | 34.3 (+0.15/-0.30) |
| CSW43-230-2RS-B-U | 34.3 (+0.15/-0.30) |
| CSW43-230-2Z-B-T  | 34.3 (+0.15/-0.30) |
| CSW43-230-2Z-B-U  | 34.3 (+0.15/-0.30) |
| CSWK43-120-2Z     | 34.3 (+0.10/-0.30) |
| CSWK43-150-2Z-A   | 34.3 (+0.10/-0.30) |
| CSWK43-150-2Z-B   | 34.3 (+0.10/-0.30) |
| CSWK43-190-2Z     | 34.3 (+0.10/-0.30) |
| CSWK43-230-2Z-A   | 34.3 (+0.10/-0.30) |
| CSWK43-230-2Z-B   | 34.3 (+0.10/-0.30) |
| CSW63-180-2ZR-T   | 51.6 (+0.15/-0.30) |
| CSW63-180-2ZR-U   | 51.6 (+0.15/-0.30) |
| CSW63-235-2ZR-A-T | 51.6 (+0.15/-0.30) |
| CSW63-235-2ZR-A-U | 51.6 (+0.15/-0.30) |
| CSW63-235-2ZR-B-T | 51.6 (+0.15/-0.30) |
| CSW63-235-2ZR-B-U | 51.6 (+0.15/-0.30) |
| CSW63-290-2ZR-T   | 51.6 (+0.15/-0.30) |
| CSW63-290-2ZR-U   | 51.6 (+0.15/-0.30) |
| CSW63-345-2ZR-A-T | 51.6 (+0.15/-0.30) |
| CSW63-345-2ZR-A-U | 51.6 (+0.15/-0.30) |
| CSW63-345-2ZR-B-T | 51.6 (+0.15/-0.30) |
| CSW63-345-2ZR-B-U | 51.6 (+0.15/-0.30) |
| CSWK63-180-2ZR    | 51.6 (+0.15/-0.30) |
| CSWK63-235-2ZR-A  | 51.6 (+0.15/-0.30) |
| CSWK63-235-2ZR-B  | 51.6 (+0.15/-0.30) |
| CSWK63-290-2ZR    | 51.6 (+0.15/-0.30) |
| CSWK63-345-2ZR-A  | 51.6 (+0.15/-0.30) |
| CSWK63-345-2ZR-B  | 51.6 (+0.15/-0.30) |