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## SN 22

Variants below are standard configurations. Other configurations and customer-specific adaptations are available upon request. Please contact us for more information.

Fixing holes (V) for countersunk head screws according to DIN 7991.

Easyslide is available in three different versions:

### Version 1 - SINGLE SLIDER

This linear bearing consists of a guide rail and a slider that runs within the ball cage in the guide rail. High load capacities, compact cross-sections and simple and easy mounting characterize the complete series.

Below we list only the standard lengths and strokes of Version 1. Special strokes and lengths on request.

### Version 2 - MULTIPLE INDEPENDENT SLIDERS

Variant with several sliders, which each runs in its own ball cage, independent of each other in the guide rail. Can be configured and used in an almost infinite variety of ways. The most common is to make a symmetrical configuration. Contact Rollco for further advice.

### Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

Several sliders run in a common ball cage within the guide rails. The division of the inner slider in two parts have a positive influence on load capacity and running behavior under high  $M_z$  and  $M_y$  loads.

Contact Rollco for detailed advice and calculations.

Dimensions in mm.

**Weight:** Rail 0.7 kg/m, slider 1 kg/m



Version 1 - SINGLE SLIDER

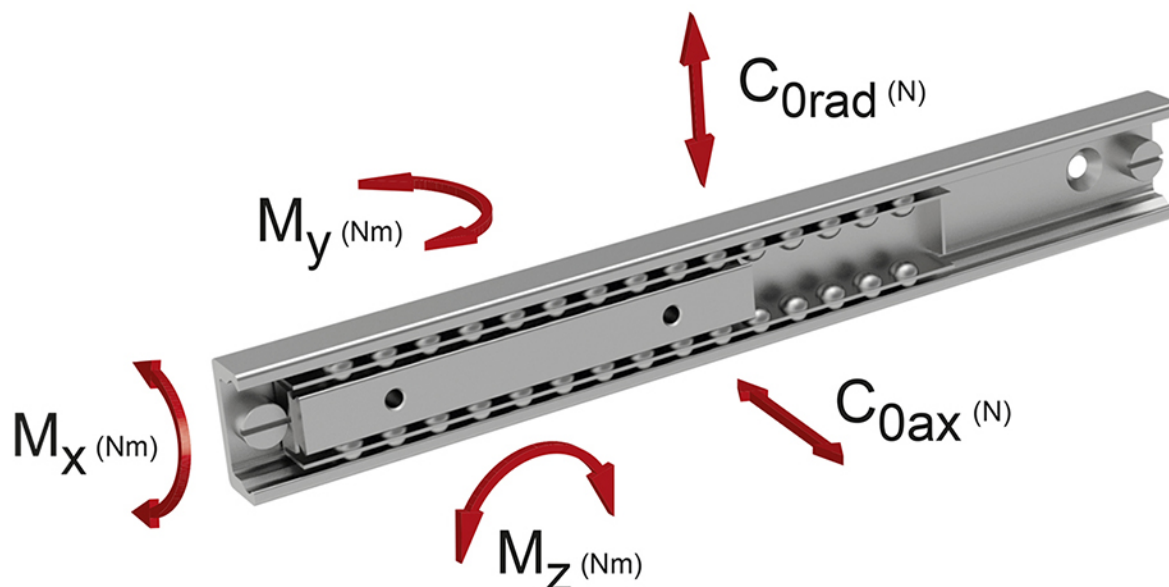


Version 2 - MULTIPLE INDEPENDENT SLIDERS



Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

## General Data



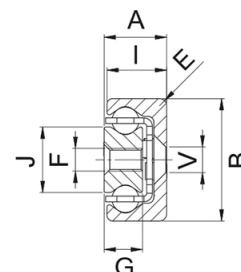
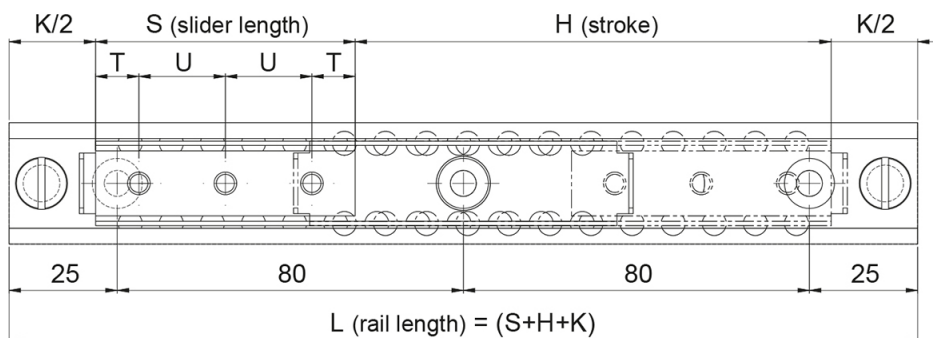
| Designation      | System Load Capacity Radial (N) | System Load Capacity Axial (N) | Permissible Moment Mx (Nm) | Permissible Moment My (Nm) | Permissible Moment Mz (Nm) |
|------------------|---------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|
| SN22-V2          | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN22-V3          | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN22-40-60-130   | 1320                            | 924                            | 4.4                        | 6                          | 9                          |
| SN22-40-140-210  | 1320                            | 924                            | 4.4                        | 6                          | 9                          |
| SN22-40-220-290  | 1320                            | 924                            | 4.4                        | 6                          | 9                          |
| SN22-60-40-130   | 1980                            | 1386                           | 6.7                        | 14                         | 20                         |
| SN22-60-120-210  | 1980                            | 1386                           | 6.7                        | 14                         | 20                         |
| SN22-60-200-290  | 1980                            | 1386                           | 6.7                        | 14                         | 20                         |
| SN22-60-280-370  | 1980                            | 1386                           | 6.7                        | 14                         | 20                         |
| SN22-60-360-450  | 1980                            | 1386                           | 6.7                        | 14                         | 20                         |
| SN22-80-100-210  | 2640                            | 1848                           | 8.9                        | 25                         | 35                         |
| SN22-80-180-290  | 2640                            | 1848                           | 8.9                        | 25                         | 35                         |
| SN22-80-260-370  | 2640                            | 1848                           | 8.9                        | 25                         | 35                         |
| SN22-80-340-450  | 2640                            | 1848                           | 8.9                        | 25                         | 35                         |
| SN22-80-420-530  | 2640                            | 1848                           | 8.9                        | 25                         | 35                         |
| SN22-80-500-610  | 2640                            | 1848                           | 8.9                        | 25                         | 35                         |
| SN22-130-130-290 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-210-370 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-290-450 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-370-530 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-450-610 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-530-690 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-610-770 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-690-850 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |
| SN22-130-770-930 | 4290                            | 3003                           | 14.4                       | 65                         | 93                         |

## General Data

| Designation       | System Load<br>Capacity Radial (N) | System Load<br>Capacity Axial (N) | Permissible Moment<br>Mx (Nm) | Permissible Moment<br>My (Nm) | Permissible Moment<br>Mz (Nm) |
|-------------------|------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SN22-130-850-1010 | 4290                               | 3003                              | 14.4                          | 65                            | 93                            |
| SN22-210-210-450  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-290-530  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-370-610  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-450-690  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-530-770  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-610-850  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-690-930  | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-770-1010 | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-210-930-1170 | 6930                               | 4851                              | 23.3                          | 170                           | 243                           |
| SN22-290-290-610  | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |
| SN22-290-370-690  | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |
| SN22-290-450-770  | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |
| SN22-290-530-850  | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |
| SN22-290-610-930  | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |
| SN22-290-690-1010 | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |
| SN22-290-850-1170 | 9570                               | 6699                              | 32.2                          | 324                           | 463                           |

## Dimensions

### Version 1, with single slider



To ensure that all fixing holes of the rail are accessible, S must be  $< L/2 - K$ .  
To ensure proper smooth movement it is necessary that  $H \leq 7S$ .

| Designation       | L                  | H   | A  | B  | S   | Number of Fixing Holes | V  | E | F  |
|-------------------|--------------------|-----|----|----|-----|------------------------|----|---|----|
| SN22-V2           | Depends on config. | N/A | 11 | 22 | N/A | N/A                    | M4 | 3 | M4 |
| SN22-V3           | Depends on config. | N/A | 11 | 22 | N/A | N/A                    | M4 | 3 | M4 |
| SN22-40-60-130    | 130                | 60  | 11 | 22 | 40  | 2                      | M4 | 3 | M4 |
| SN22-40-140-210   | 210                | 140 | 11 | 22 | 40  | 2                      | M4 | 3 | M4 |
| SN22-40-220-290   | 290                | 220 | 11 | 22 | 40  | 2                      | M4 | 3 | M4 |
| SN22-60-40-130    | 130                | 40  | 11 | 22 | 60  | 3                      | M4 | 3 | M4 |
| SN22-60-120-210   | 210                | 120 | 11 | 22 | 60  | 3                      | M4 | 3 | M4 |
| SN22-60-200-290   | 290                | 200 | 11 | 22 | 60  | 3                      | M4 | 3 | M4 |
| SN22-60-280-370   | 370                | 280 | 11 | 22 | 60  | 3                      | M4 | 3 | M4 |
| SN22-60-360-450   | 450                | 360 | 11 | 22 | 60  | 3                      | M4 | 3 | M4 |
| SN22-80-100-210   | 210                | 100 | 11 | 22 | 80  | 4                      | M4 | 3 | M4 |
| SN22-80-180-290   | 290                | 180 | 11 | 22 | 80  | 4                      | M4 | 3 | M4 |
| SN22-80-260-370   | 370                | 260 | 11 | 22 | 80  | 4                      | M4 | 3 | M4 |
| SN22-80-340-450   | 450                | 340 | 11 | 22 | 80  | 4                      | M4 | 3 | M4 |
| SN22-80-420-530   | 530                | 420 | 11 | 22 | 80  | 4                      | M4 | 3 | M4 |
| SN22-80-500-610   | 610                | 500 | 11 | 22 | 80  | 4                      | M4 | 3 | M4 |
| SN22-130-130-290  | 290                | 130 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-210-370  | 370                | 210 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-290-450  | 450                | 290 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-370-530  | 530                | 370 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-450-610  | 610                | 450 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-530-690  | 690                | 530 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-610-770  | 770                | 610 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-690-850  | 850                | 690 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-770-930  | 930                | 770 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-130-850-1010 | 1010               | 850 | 11 | 22 | 130 | 2                      | M4 | 3 | M4 |
| SN22-210-210-450  | 450                | 210 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |

## Dimensions

| Designation       | L    | H   | A  | B  | S   | Number of Fixing Holes | V  | E | F  |
|-------------------|------|-----|----|----|-----|------------------------|----|---|----|
| SN22-210-290-530  | 530  | 290 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-370-610  | 610  | 370 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-450-690  | 690  | 450 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-530-770  | 770  | 530 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-610-850  | 850  | 610 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-690-930  | 930  | 690 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-770-1010 | 1010 | 770 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-210-930-1170 | 1170 | 930 | 11 | 22 | 210 | 3                      | M4 | 3 | M4 |
| SN22-290-290-610  | 610  | 290 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |
| SN22-290-370-690  | 690  | 370 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |
| SN22-290-450-770  | 770  | 450 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |
| SN22-290-530-850  | 850  | 530 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |
| SN22-290-610-930  | 930  | 610 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |
| SN22-290-690-1010 | 1010 | 690 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |
| SN22-290-850-1170 | 1170 | 850 | 11 | 22 | 290 | 4                      | M4 | 3 | M4 |

| Designation      | G   | I     | J    | K  | T   | U   |
|------------------|-----|-------|------|----|-----|-----|
| SN22-V2          | 6.5 | 10.25 | 11.3 | 30 | N/A | N/A |
| SN22-V3          | 6.5 | 10.25 | 11.3 | 30 | N/A | N/A |
| SN22-40-60-130   | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-40-140-210  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-40-220-290  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-60-40-130   | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-60-120-210  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-60-200-290  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-60-280-370  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-60-360-450  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-80-100-210  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-80-180-290  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-80-260-370  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-80-340-450  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-80-420-530  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-80-500-610  | 6.5 | 10.25 | 11.3 | 30 | 10  | 20  |
| SN22-130-130-290 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-210-370 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-290-450 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-370-530 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-450-610 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-530-690 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-610-770 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |
| SN22-130-690-850 | 6.5 | 10.25 | 11.3 | 30 | 25  | 80  |

## Dimensions

| Designation       | G   | I     | J    | K  | T  | U  |
|-------------------|-----|-------|------|----|----|----|
| SN22-130-770-930  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-130-850-1010 | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-210-450  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-290-530  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-370-610  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-450-690  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-530-770  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-610-850  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-690-930  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-770-1010 | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-210-930-1170 | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-290-610  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-370-690  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-450-770  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-530-850  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-610-930  | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-690-1010 | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |
| SN22-290-850-1170 | 6.5 | 10.25 | 11.3 | 30 | 25 | 80 |

## SN 28

Variants below are standard configurations. Other configurations and customer-specific adaptations are available upon request. Please contact us for more information.

Fixing holes (V) for countersunk head screws according to DIN 7991.

Easyslide is available in three different versions:

### Version 1 - SINGLE SLIDER

This linear bearing consists of a guide rail and a slider that runs within the ball cage in the guide rail. High load capacities, compact cross-sections and simple and easy mounting characterize the complete series.

Below we list only the standard lengths and strokes of Version 1. Special strokes and lengths on request.

### Version 2 - MULTIPLE INDEPENDENT SLIDERS

Variant with several sliders, which each runs in its own ball cage, independent of each other in the guide rail. Can be configured and used in an almost infinite variety of ways. The most common is to make a symmetrical configuration. Contact Rollco for further advice.

### Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

Several sliders run in a common ball cage within the guide rails. The division of the inner slider in two parts have a positive influence on load capacity and running behavior under high  $M_z$  and  $M_y$  loads.

Contact Rollco for detailed advice and calculations.

Dimensions in mm.

**Weight:** Rail 1 kg/m, slider 1.5 kg/m



Version 1 - SINGLE SLIDER

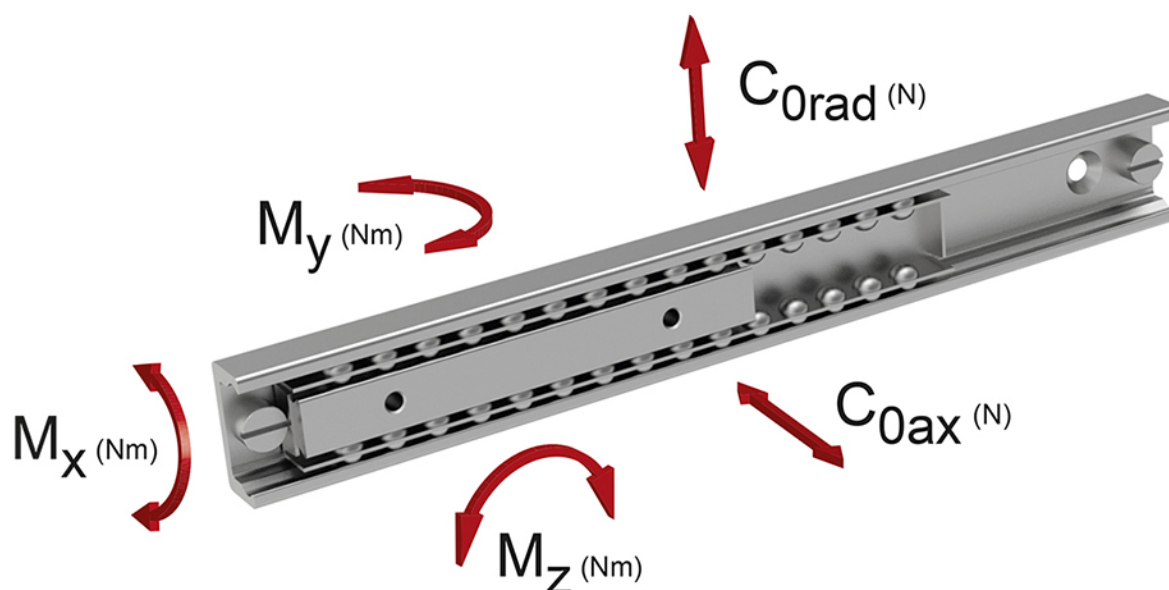


Version 2 - MULTIPLE INDEPENDENT SLIDERS



Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

## General Data



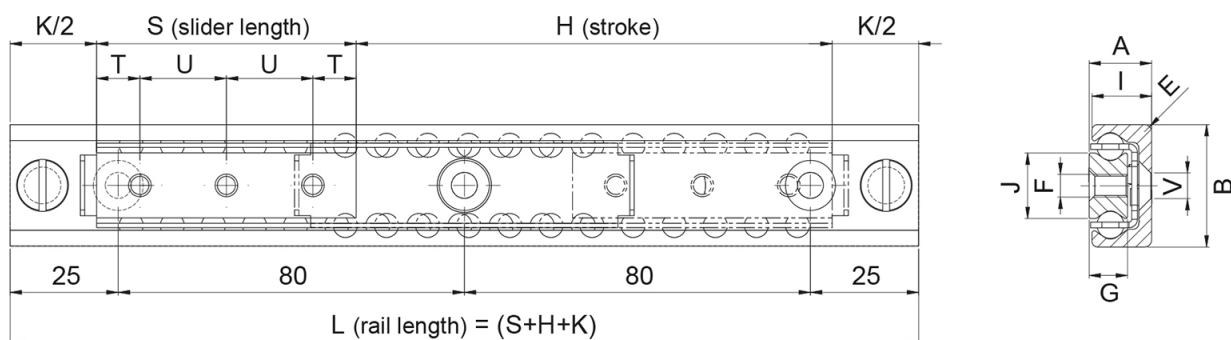
| Designation       | System Load Capacity Radial (N) | System Load Capacity Axial (N) | Permissible Moment Mx (Nm) | Permissible Moment My (Nm) | Permissible Moment Mz (Nm) |
|-------------------|---------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|
| SN28-V2           | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN28-V3           | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN28-60-30-130    | 3480                            | 2436                           | 17.1                       | 24                         | 35                         |
| SN28-60-110-210   | 3480                            | 2436                           | 17.1                       | 24                         | 35                         |
| SN28-60-190-290   | 3480                            | 2436                           | 17.1                       | 24                         | 35                         |
| SN28-60-270-370   | 3480                            | 2436                           | 17.1                       | 24                         | 35                         |
| SN28-60-350-450   | 3480                            | 2436                           | 17.1                       | 24                         | 35                         |
| SN28-80-90-210    | 4640                            | 3248                           | 22.7                       | 43                         | 62                         |
| SN28-80-170-290   | 4640                            | 3248                           | 22.7                       | 43                         | 62                         |
| SN28-80-250-370   | 4640                            | 3248                           | 22.7                       | 43                         | 62                         |
| SN28-80-330-450   | 4640                            | 3248                           | 22.7                       | 43                         | 62                         |
| SN28-80-410-530   | 4640                            | 3248                           | 22.7                       | 43                         | 62                         |
| SN28-80-490-610   | 4640                            | 3248                           | 22.7                       | 43                         | 62                         |
| SN28-130-120-290  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-200-370  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-280-450  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-360-530  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-440-610  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-520-690  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-600-770  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-680-850  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-760-930  | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-130-840-1010 | 7540                            | 5278                           | 36.9                       | 114                        | 163                        |
| SN28-210-200-450  | 12180                           | 8526                           | 59.7                       | 298                        | 426                        |
| SN28-210-280-530  | 12180                           | 8526                           | 59.7                       | 298                        | 426                        |

## General Data

| Designation        | System Load<br>Capacity Radial (N) | System Load<br>Capacity Axial (N) | Permissible Moment<br>Mx (Nm) | Permissible Moment<br>My (Nm) | Permissible Moment<br>Mz (Nm) |
|--------------------|------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SN28-210-360-610   | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-440-690   | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-520-770   | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-600-850   | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-680-930   | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-760-1010  | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-920-1170  | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-210-1080-1330 | 12180                              | 8526                              | 59.7                          | 298                           | 426                           |
| SN28-290-280-610   | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-360-690   | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-440-770   | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-520-850   | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-600-930   | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-680-1010  | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-840-1170  | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-1000-1330 | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-290-1160-1490 | 16820                              | 11774                             | 82.4                          | 569                           | 813                           |
| SN28-370-360-770   | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-370-440-850   | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-370-520-930   | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-370-600-1010  | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-370-760-1170  | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-370-920-1330  | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-370-1080-1490 | 21460                              | 15022                             | 105.1                         | 926                           | 1323                          |
| SN28-450-440-930   | 26100                              | 18270                             | 127.9                         | 1370                          | 1958                          |
| SN28-450-520-1010  | 26100                              | 18270                             | 127.9                         | 1370                          | 1958                          |
| SN28-450-680-1170  | 26100                              | 18270                             | 127.9                         | 1370                          | 1958                          |
| SN28-450-840-1330  | 26100                              | 18270                             | 127.9                         | 1370                          | 1958                          |
| SN28-450-1000-1490 | 26100                              | 18270                             | 127.9                         | 1370                          | 1958                          |
| SN28-450-1160-1650 | 26100                              | 18270                             | 127.9                         | 1370                          | 1958                          |

## Dimensions

### Version 1, with single slider



To ensure that all fixing holes of the rail are accessible, S must be  $< L/2 - K$ .  
To ensure proper smooth movement it is necessary that  $H \leq 7S$ .

| Designation       | L                  | H   | A  | B  | S   | Number of Fixing Holes | V  | E | F  |
|-------------------|--------------------|-----|----|----|-----|------------------------|----|---|----|
| SN28-V2           | Depends on config. | N/A | 13 | 28 | N/A | N/A                    | M5 | 1 | M5 |
| SN28-V3           | Depends on config. | N/A | 13 | 28 | N/A | N/A                    | M5 | 1 | M5 |
| SN28-60-30-130    | 130                | 30  | 13 | 28 | 60  | 3                      | M5 | 1 | M5 |
| SN28-60-110-210   | 210                | 110 | 13 | 28 | 60  | 3                      | M5 | 1 | M5 |
| SN28-60-190-290   | 290                | 190 | 13 | 28 | 60  | 3                      | M5 | 1 | M5 |
| SN28-60-270-370   | 370                | 270 | 13 | 28 | 60  | 3                      | M5 | 1 | M5 |
| SN28-60-350-450   | 450                | 350 | 13 | 28 | 60  | 3                      | M5 | 1 | M5 |
| SN28-80-90-210    | 210                | 90  | 13 | 28 | 80  | 4                      | M5 | 1 | M5 |
| SN28-80-170-290   | 290                | 170 | 13 | 28 | 80  | 4                      | M5 | 1 | M5 |
| SN28-80-250-370   | 370                | 250 | 13 | 28 | 80  | 4                      | M5 | 1 | M5 |
| SN28-80-330-450   | 450                | 330 | 13 | 28 | 80  | 4                      | M5 | 1 | M5 |
| SN28-80-410-530   | 530                | 410 | 13 | 28 | 80  | 4                      | M5 | 1 | M5 |
| SN28-80-490-610   | 610                | 490 | 13 | 28 | 80  | 4                      | M5 | 1 | M5 |
| SN28-130-120-290  | 290                | 120 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-200-370  | 370                | 200 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-280-450  | 450                | 280 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-360-530  | 530                | 360 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-440-610  | 610                | 440 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-520-690  | 690                | 520 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-600-770  | 770                | 600 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-680-850  | 850                | 680 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-760-930  | 930                | 760 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-130-840-1010 | 1010               | 840 | 13 | 28 | 130 | 2                      | M5 | 1 | M5 |
| SN28-210-200-450  | 450                | 200 | 13 | 28 | 210 | 3                      | M5 | 1 | M5 |
| SN28-210-280-530  | 530                | 280 | 13 | 28 | 210 | 3                      | M5 | 1 | M5 |
| SN28-210-360-610  | 610                | 360 | 13 | 28 | 210 | 3                      | M5 | 1 | M5 |
| SN28-210-440-690  | 690                | 440 | 13 | 28 | 210 | 3                      | M5 | 1 | M5 |

## Dimensions

| Designation        | L    | H    | A  | B  | S   | Number of<br>Fixing<br>Holes | V  | E | F  |
|--------------------|------|------|----|----|-----|------------------------------|----|---|----|
| SN28-210-520-770   | 770  | 520  | 13 | 28 | 210 | 3                            | M5 | 1 | M5 |
| SN28-210-600-850   | 850  | 600  | 13 | 28 | 210 | 3                            | M5 | 1 | M5 |
| SN28-210-680-930   | 930  | 680  | 13 | 28 | 210 | 3                            | M5 | 1 | M5 |
| SN28-210-760-1010  | 1010 | 760  | 13 | 28 | 210 | 3                            | M5 | 1 | M5 |
| SN28-210-920-1170  | 1170 | 920  | 13 | 28 | 210 | 3                            | M5 | 1 | M5 |
| SN28-210-1080-1330 | 1330 | 1080 | 13 | 28 | 210 | 3                            | M5 | 1 | M5 |
| SN28-290-280-610   | 610  | 280  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-360-690   | 690  | 360  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-440-770   | 770  | 440  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-520-850   | 850  | 520  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-600-930   | 930  | 600  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-680-1010  | 1010 | 680  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-840-1170  | 1170 | 840  | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-1000-1330 | 1330 | 1000 | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-290-1160-1490 | 1490 | 1160 | 13 | 28 | 290 | 4                            | M5 | 1 | M5 |
| SN28-370-360-770   | 770  | 360  | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-370-440-850   | 850  | 440  | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-370-520-930   | 930  | 520  | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-370-600-1010  | 1010 | 600  | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-370-760-1170  | 1170 | 760  | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-370-920-1330  | 1330 | 920  | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-370-1080-1490 | 1490 | 1080 | 13 | 28 | 370 | 5                            | M5 | 1 | M5 |
| SN28-450-440-930   | 930  | 440  | 13 | 28 | 450 | 6                            | M5 | 1 | M5 |
| SN28-450-520-1010  | 1010 | 520  | 13 | 28 | 450 | 6                            | M5 | 1 | M5 |
| SN28-450-680-1170  | 1170 | 680  | 13 | 28 | 450 | 6                            | M5 | 1 | M5 |
| SN28-450-840-1330  | 1330 | 840  | 13 | 28 | 450 | 6                            | M5 | 1 | M5 |
| SN28-450-1000-1490 | 1490 | 1000 | 13 | 28 | 450 | 6                            | M5 | 1 | M5 |
| SN28-450-1160-1650 | 1650 | 1160 | 13 | 28 | 450 | 6                            | M5 | 1 | M5 |

| Designation     | G   | I     | J  | K  | T   | U   |
|-----------------|-----|-------|----|----|-----|-----|
| SN28-V2         | 7.5 | 12.25 | 15 | 40 | N/A | N/A |
| SN28-V3         | 7.5 | 12.25 | 15 | 40 | N/A | N/A |
| SN28-60-30-130  | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-60-110-210 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-60-190-290 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-60-270-370 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-60-350-450 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-80-90-210  | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-80-170-290 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-80-250-370 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |
| SN28-80-330-450 | 7.5 | 12.25 | 15 | 40 | 10  | 20  |

## Dimensions

| Designation        | G   | I     | J  | K  | T  | U  |
|--------------------|-----|-------|----|----|----|----|
| SN28-80-410-530    | 7.5 | 12.25 | 15 | 40 | 10 | 20 |
| SN28-80-490-610    | 7.5 | 12.25 | 15 | 40 | 10 | 20 |
| SN28-130-120-290   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-200-370   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-280-450   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-360-530   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-440-610   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-520-690   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-600-770   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-680-850   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-760-930   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-130-840-1010  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-200-450   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-280-530   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-360-610   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-440-690   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-520-770   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-600-850   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-680-930   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-760-1010  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-920-1170  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-210-1080-1330 | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-280-610   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-360-690   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-440-770   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-520-850   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-600-930   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-680-1010  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-840-1170  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-1000-1330 | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-290-1160-1490 | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-360-770   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-440-850   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-520-930   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-600-1010  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-760-1170  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-920-1330  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-370-1080-1490 | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-450-440-930   | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-450-520-1010  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-450-680-1170  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-450-840-1330  | 7.5 | 12.25 | 15 | 40 | 25 | 80 |

## Dimensions

| Designation        | G   | I     | J  | K  | T  | U  |
|--------------------|-----|-------|----|----|----|----|
| SN28-450-1000-1490 | 7.5 | 12.25 | 15 | 40 | 25 | 80 |
| SN28-450-1160-1650 | 7.5 | 12.25 | 15 | 40 | 25 | 80 |

## SN 35

Variants below are standard configurations. Other configurations and customer-specific adaptations are available upon request. Please contact us for more information.

Fixing holes (V) for countersunk head screws according to DIN 7991.

Easyslide is available in three different versions:

### Version 1 - SINGLE SLIDER

This linear bearing consists of a guide rail and a slider that runs within the ball cage in the guide rail. High load capacities, compact cross-sections and simple and easy mounting characterize the complete series.

Below we list only the standard lengths and strokes of Version 1. Special strokes and lengths on request.

### Version 2 - MULTIPLE INDEPENDENT SLIDERS

Variant with several sliders, which each runs in its own ball cage, independent of each other in the guide rail. Can be configured and used in an almost infinite variety of ways. The most common is to make a symmetrical configuration. Contact Rollco for further advice.

### Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

Several sliders run in a common ball cage within the guide rails. The division of the inner slider in two parts have a positive influence on load capacity and running behavior under high  $M_z$  and  $M_y$  loads.

Contact Rollco for detailed advice and calculations.

Dimensions in mm.

**Weight:** Rail 1.8 kg/m, slider 2.5 kg/m



Version 1 - SINGLE SLIDER

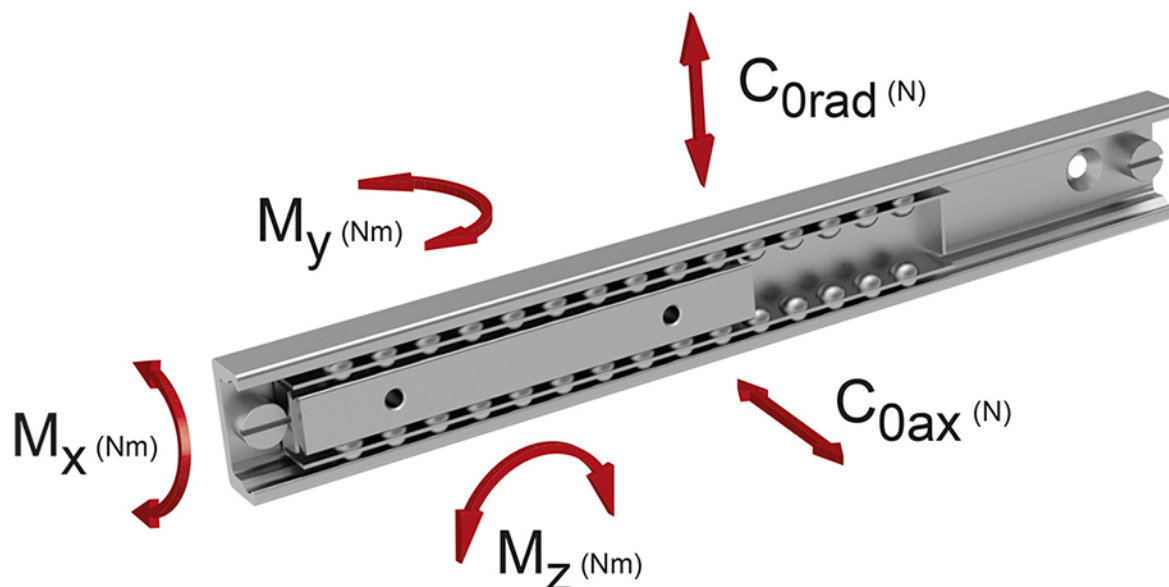


Version 2 - MULTIPLE INDEPENDENT SLIDERS



Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

## General Data



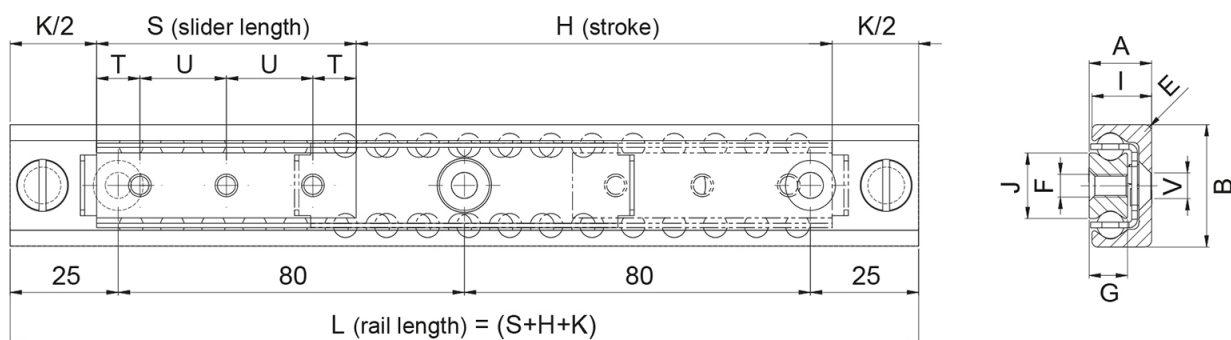
| Designation        | System Load Capacity Radial (N) | System Load Capacity Axial (N) | Permissible Moment $M_x$ (Nm) | Permissible Moment $M_y$ (Nm) | Permissible Moment $M_z$ (Nm) |
|--------------------|---------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SN35-V2            | Depends on config.              | N/A                            | N/A                           | N/A                           | N/A                           |
| SN35-V3            | Depends on config.              | N/A                            | N/A                           | N/A                           | N/A                           |
| SN35-130-110-290   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-190-370   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-270-450   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-350-530   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-430-610   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-510-690   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-590-770   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-670-850   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-750-930   | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-130-830-1010  | 9750                            | 6825                           | 47.2                          | 148                           | 211                           |
| SN35-210-190-450   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-270-530   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-350-610   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-430-690   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-510-770   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-590-850   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-670-930   | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-750-1010  | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-910-1170  | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-1070-1330 | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-210-1230-1490 | 15750                           | 11025                          | 76.3                          | 386                           | 551                           |
| SN35-290-270-610   | 21750                           | 15225                          | 105.3                         | 736                           | 1051                          |
| SN35-290-350-690   | 21750                           | 15225                          | 105.3                         | 736                           | 1051                          |

## General Data

| Designation        | System Load<br>Capacity Radial (N) | System Load<br>Capacity Axial (N) | Permissible Moment<br>Mx (Nm) | Permissible Moment<br>My (Nm) | Permissible Moment<br>Mz (Nm) |
|--------------------|------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SN35-290-430-770   | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-510-850   | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-590-930   | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-670-1010  | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-830-1170  | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-990-1330  | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-1150-1490 | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-290-1310-1650 | 21750                              | 15225                             | 105.3                         | 736                           | 1051                          |
| SN35-370-350-770   | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-430-850   | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-510-930   | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-590-1010  | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-750-1170  | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-910-1330  | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-1070-1490 | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-370-1230-1650 | 27750                              | 19425                             | 134.4                         | 1198                          | 1711                          |
| SN35-450-430-930   | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-450-510-1010  | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-450-670-1170  | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-450-830-1330  | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-450-990-1490  | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-450-1150-1650 | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-450-1310-1810 | 33750                              | 23625                             | 163.4                         | 1772                          | 2531                          |
| SN35-530-590-1170  | 39750                              | 27825                             | 192.5                         | 2458                          | 3511                          |
| SN35-530-750-1330  | 39750                              | 27825                             | 192.5                         | 2458                          | 3511                          |
| SN35-530-910-1490  | 39750                              | 27825                             | 192.5                         | 2458                          | 3511                          |
| SN35-530-1070-1650 | 39750                              | 27825                             | 192.5                         | 2458                          | 3511                          |
| SN35-530-1230-1810 | 39750                              | 27825                             | 192.5                         | 2458                          | 3511                          |
| SN35-610-670-1330  | 45750                              | 32025                             | 221.6                         | 3256                          | 4651                          |
| SN35-610-830-1490  | 45750                              | 32025                             | 221.6                         | 3256                          | 4651                          |
| SN35-610-990-1650  | 45750                              | 32025                             | 221.6                         | 3256                          | 4651                          |
| SN35-610-1150-1810 | 45750                              | 32025                             | 221.6                         | 3256                          | 4651                          |

## Dimensions

### Version 1, with single slider



To ensure that all fixing holes of the rail are accessible,  $S$  must be  $< L/2 - K$ .  
To ensure proper smooth movement it is necessary that  $H \leq 7S$ .

| Designation        | L                  | H    | A  | B  | S   | Number of Fixing Holes | V  | E | F  |
|--------------------|--------------------|------|----|----|-----|------------------------|----|---|----|
| SN35-V2            | Depends on config. | N/A  | 17 | 35 | N/A | N/A                    | M6 | 2 | M6 |
| SN35-V3            | Depends on config. | N/A  | 17 | 35 | N/A | N/A                    | M6 | 2 | M6 |
| SN35-130-110-290   | 290                | 110  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-190-370   | 370                | 190  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-270-450   | 450                | 270  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-350-530   | 530                | 350  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-430-610   | 610                | 430  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-510-690   | 690                | 510  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-590-770   | 770                | 590  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-670-850   | 850                | 670  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-750-930   | 930                | 750  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-130-830-1010  | 1010               | 830  | 17 | 35 | 130 | 2                      | M6 | 2 | M6 |
| SN35-210-190-450   | 450                | 190  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-270-530   | 530                | 270  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-350-610   | 610                | 350  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-430-690   | 690                | 430  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-510-770   | 770                | 510  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-590-850   | 850                | 590  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-670-930   | 930                | 670  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-750-1010  | 1010               | 750  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-910-1170  | 1170               | 910  | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-1070-1330 | 1330               | 1070 | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-210-1230-1490 | 1490               | 1230 | 17 | 35 | 210 | 3                      | M6 | 2 | M6 |
| SN35-290-270-610   | 610                | 270  | 17 | 35 | 290 | 4                      | M6 | 2 | M6 |
| SN35-290-350-690   | 690                | 350  | 17 | 35 | 290 | 4                      | M6 | 2 | M6 |
| SN35-290-430-770   | 770                | 430  | 17 | 35 | 290 | 4                      | M6 | 2 | M6 |
| SN35-290-510-850   | 850                | 510  | 17 | 35 | 290 | 4                      | M6 | 2 | M6 |

## Dimensions

| Designation        | L    | H    | A  | B  | S   | Number of<br>Fixing<br>Holes | V  | E | F  |
|--------------------|------|------|----|----|-----|------------------------------|----|---|----|
| SN35-290-590-930   | 930  | 590  | 17 | 35 | 290 | 4                            | M6 | 2 | M6 |
| SN35-290-670-1010  | 1010 | 670  | 17 | 35 | 290 | 4                            | M6 | 2 | M6 |
| SN35-290-830-1170  | 1170 | 830  | 17 | 35 | 290 | 4                            | M6 | 2 | M6 |
| SN35-290-990-1330  | 1330 | 990  | 17 | 35 | 290 | 4                            | M6 | 2 | M6 |
| SN35-290-1150-1490 | 1490 | 1150 | 17 | 35 | 290 | 4                            | M6 | 2 | M6 |
| SN35-290-1310-1650 | 1650 | 1310 | 17 | 35 | 290 | 4                            | M6 | 2 | M6 |
| SN35-370-350-770   | 770  | 350  | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-430-850   | 850  | 430  | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-510-930   | 930  | 510  | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-590-1010  | 1010 | 590  | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-750-1170  | 1170 | 750  | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-910-1330  | 1330 | 910  | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-1070-1490 | 1490 | 1070 | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-370-1230-1650 | 1650 | 1230 | 17 | 35 | 370 | 5                            | M6 | 2 | M6 |
| SN35-450-430-930   | 930  | 430  | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-450-510-1010  | 1010 | 510  | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-450-670-1170  | 1170 | 670  | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-450-830-1330  | 1330 | 830  | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-450-990-1490  | 1490 | 990  | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-450-1150-1650 | 1650 | 1150 | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-450-1310-1810 | 1810 | 1310 | 17 | 35 | 450 | 6                            | M6 | 2 | M6 |
| SN35-530-590-1170  | 1170 | 590  | 17 | 35 | 530 | 7                            | M6 | 2 | M6 |
| SN35-530-750-1330  | 1330 | 750  | 17 | 35 | 530 | 7                            | M6 | 2 | M6 |
| SN35-530-910-1490  | 1490 | 910  | 17 | 35 | 530 | 7                            | M6 | 2 | M6 |
| SN35-530-1070-1650 | 1650 | 1070 | 17 | 35 | 530 | 7                            | M6 | 2 | M6 |
| SN35-530-1230-1810 | 1810 | 1230 | 17 | 35 | 530 | 7                            | M6 | 2 | M6 |
| SN35-610-670-1330  | 1330 | 670  | 17 | 35 | 610 | 8                            | M6 | 2 | M6 |
| SN35-610-830-1490  | 1490 | 830  | 17 | 35 | 610 | 8                            | M6 | 2 | M6 |
| SN35-610-990-1650  | 1650 | 990  | 17 | 35 | 610 | 8                            | M6 | 2 | M6 |
| SN35-610-1150-1810 | 1810 | 1150 | 17 | 35 | 610 | 8                            | M6 | 2 | M6 |

| Designation      | G  | I  | J    | K  | T  | U  |
|------------------|----|----|------|----|----|----|
| SN35-V2          | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-V3          | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-110-290 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-190-370 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-270-450 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-350-530 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-430-610 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-510-690 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-590-770 | 10 | 16 | 15.8 | 50 | 25 | 80 |

## Dimensions

| Designation        | G  | I  | J    | K  | T  | U  |
|--------------------|----|----|------|----|----|----|
| SN35-130-670-850   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-750-930   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-130-830-1010  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-190-450   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-270-530   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-350-610   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-430-690   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-510-770   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-590-850   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-670-930   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-750-1010  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-910-1170  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-1070-1330 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-210-1230-1490 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-270-610   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-350-690   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-430-770   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-510-850   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-590-930   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-670-1010  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-830-1170  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-990-1330  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-1150-1490 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-290-1310-1650 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-350-770   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-430-850   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-510-930   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-590-1010  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-750-1170  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-910-1330  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-1070-1490 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-370-1230-1650 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-430-930   | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-510-1010  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-670-1170  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-830-1330  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-990-1490  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-1150-1650 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-450-1310-1810 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-530-590-1170  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-530-750-1330  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-530-910-1490  | 10 | 16 | 15.8 | 50 | 25 | 80 |

## Dimensions

| Designation        | G  | I  | J    | K  | T  | U  |
|--------------------|----|----|------|----|----|----|
| SN35-530-1070-1650 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-530-1230-1810 | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-610-670-1330  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-610-830-1490  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-610-990-1650  | 10 | 16 | 15.8 | 50 | 25 | 80 |
| SN35-610-1150-1810 | 10 | 16 | 15.8 | 50 | 25 | 80 |

## SN 43

Variants below are standard configurations. Other configurations and customer-specific adaptations are available upon request. Please contact us for more information.

Fixing holes (V) for countersunk head screws according to DIN 7991.

Easyslide is available in three different versions:

### Version 1 - SINGLE SLIDER

This linear bearing consists of a guide rail and a slider that runs within the ball cage in the guide rail. High load capacities, compact cross-sections and simple and easy mounting characterize the complete series.

Below we list only the standard lengths and strokes of Version 1. Special strokes and lengths on request.

### Version 2 - MULTIPLE INDEPENDENT SLIDERS

Variant with several sliders, which each runs in its own ball cage, independent of each other in the guide rail. Can be configured and used in an almost infinite variety of ways. The most common is to make a symmetrical configuration. Contact Rollco for further advice.

### Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

Several sliders run in a common ball cage within the guide rails. The division of the inner slider in two parts have a positive influence on load capacity and running behavior under high  $M_z$  and  $M_y$  loads.

Contact Rollco for detailed advice and calculations.

Dimensions in mm.

**Weight:** Rail 2.6 kg/m, slider 5 kg/m



Version 1 - SINGLE SLIDER

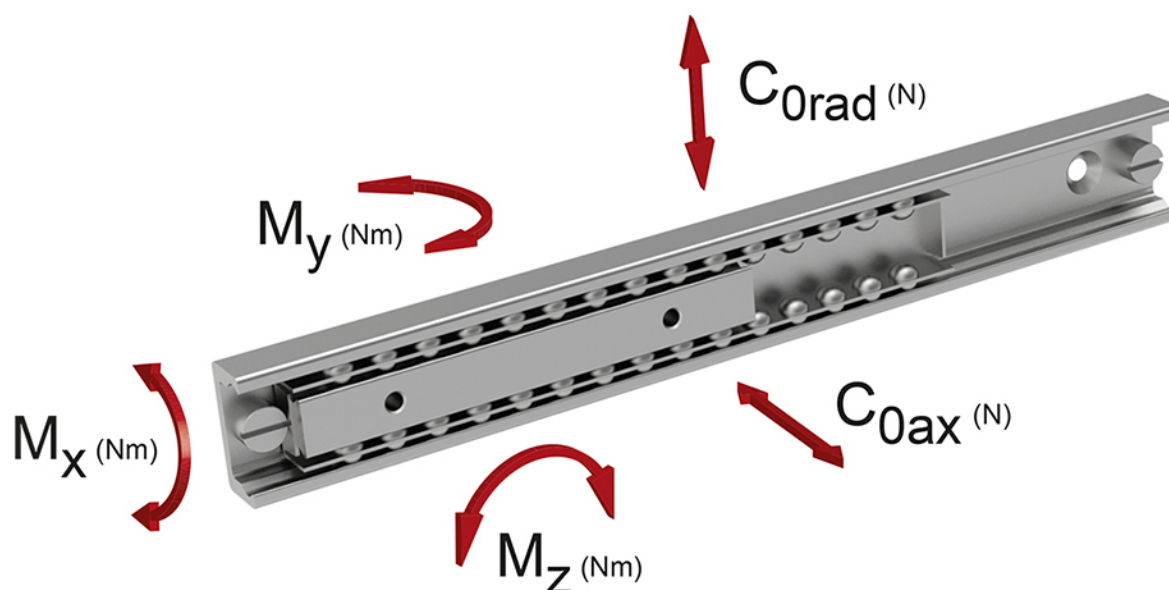


Version 2 - MULTIPLE INDEPENDENT SLIDERS



Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

## General Data



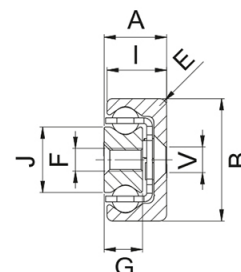
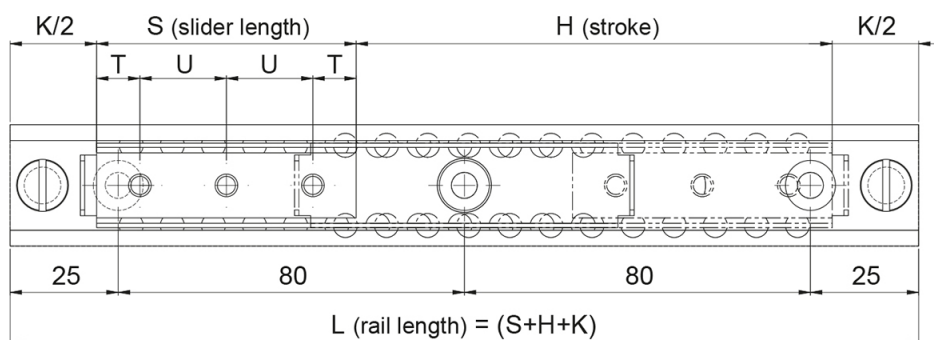
| Designation        | System Load Capacity Radial (N) | System Load Capacity Axial (N) | Permissible Moment Mx (Nm) | Permissible Moment My (Nm) | Permissible Moment Mz (Nm) |
|--------------------|---------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|
| SN43-V2            | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN43-V3            | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN43-130-110-290   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-190-370   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-270-450   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-350-530   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-430-610   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-510-690   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-590-770   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-670-850   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-750-930   | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-130-830-1010  | 13910                           | 9737                           | 96                         | 211                        | 301                        |
| SN43-210-190-450   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-270-530   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-350-610   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-430-690   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-510-770   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-590-850   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-670-930   | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-750-1010  | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-910-1170  | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-1070-1330 | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-1230-1490 | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-210-1390-1650 | 22470                           | 15729                          | 155.1                      | 551                        | 786                        |
| SN43-290-270-610   | 31030                           | 21721                          | 214.1                      | 1050                       | 1500                       |

## General Data

| Designation        | System Load<br>Capacity Radial (N) | System Load<br>Capacity Axial (N) | Permissible Moment<br>Mx (Nm) | Permissible Moment<br>My (Nm) | Permissible Moment<br>Mz (Nm) |
|--------------------|------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SN43-290-350-690   | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-430-770   | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-510-850   | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-590-930   | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-670-1010  | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-830-1170  | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-990-1330  | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-1150-1490 | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-1310-1650 | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-290-1470-1810 | 31030                              | 21721                             | 214.1                         | 1050                          | 1500                          |
| SN43-370-350-770   | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-430-850   | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-510-930   | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-590-1010  | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-750-1170  | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-910-1330  | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-1070-1490 | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-1230-1650 | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-370-1390-1810 | 39590                              | 27713                             | 273.2                         | 1709                          | 2441                          |
| SN43-450-430-930   | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-510-1010  | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-670-1170  | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-830-1330  | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-990-1490  | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-1150-1650 | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-1310-1810 | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-450-1470-1970 | 48150                              | 33750                             | 332.3                         | 2528                          | 3611                          |
| SN43-530-590-1170  | 56710                              | 39697                             | 391.4                         | 3507                          | 5009                          |
| SN43-530-750-1330  | 56710                              | 39697                             | 391.4                         | 3507                          | 5009                          |
| SN43-530-910-1490  | 56710                              | 39697                             | 391.4                         | 3507                          | 5009                          |
| SN43-530-1070-1650 | 56710                              | 39697                             | 391.4                         | 3507                          | 5009                          |
| SN43-530-1230-1810 | 56710                              | 39697                             | 391.4                         | 3507                          | 5009                          |
| SN43-530-1390-1970 | 56710                              | 39697                             | 391.4                         | 3507                          | 5009                          |
| SN43-610-670-1330  | 65270                              | 45689                             | 450.4                         | 4645                          | 6636                          |
| SN43-610-830-1490  | 65270                              | 45689                             | 450.4                         | 4645                          | 6636                          |
| SN43-610-990-1650  | 65270                              | 45689                             | 450.4                         | 4645                          | 6636                          |
| SN43-610-1150-1810 | 65270                              | 45689                             | 450.4                         | 4645                          | 6636                          |
| SN43-610-1310-1970 | 65270                              | 45689                             | 450.4                         | 4645                          | 6636                          |

## Dimensions

### Version 1, with single slider



To ensure that all fixing holes of the rail are accessible, S must be  $< L/2 - K$ .  
To ensure proper smooth movement it is necessary that  $H \leq 7S$ .

| Designation        | L                  | H    | A  | B  | S   | Number of Fixing Holes | V  | E   | F  |
|--------------------|--------------------|------|----|----|-----|------------------------|----|-----|----|
| SN43-V2            | Depends on config. | N/A  | 22 | 43 | N/A | N/A                    | M8 | 2.5 | M8 |
| SN43-V3            | Depends on config. | N/A  | 22 | 43 | N/A | N/A                    | M8 | 2.5 | M8 |
| SN43-130-110-290   | 290                | 110  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-190-370   | 370                | 190  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-270-450   | 450                | 270  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-350-530   | 530                | 350  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-430-610   | 610                | 430  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-510-690   | 690                | 510  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-590-770   | 770                | 590  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-670-850   | 850                | 670  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-750-930   | 930                | 750  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-130-830-1010  | 1010               | 830  | 22 | 43 | 130 | 2                      | M8 | 2.5 | M8 |
| SN43-210-190-450   | 450                | 190  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-270-530   | 530                | 270  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-350-610   | 610                | 350  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-430-690   | 690                | 430  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-510-770   | 770                | 510  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-590-850   | 850                | 590  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-670-930   | 930                | 670  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-750-1010  | 1010               | 750  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-910-1170  | 1170               | 910  | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-1070-1330 | 1330               | 1070 | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-1230-1490 | 1490               | 1230 | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-210-1390-1650 | 1650               | 1390 | 22 | 43 | 210 | 3                      | M8 | 2.5 | M8 |
| SN43-290-270-610   | 610                | 270  | 22 | 43 | 290 | 4                      | M8 | 2.5 | M8 |
| SN43-290-350-690   | 690                | 350  | 22 | 43 | 290 | 4                      | M8 | 2.5 | M8 |
| SN43-290-430-770   | 770                | 430  | 22 | 43 | 290 | 4                      | M8 | 2.5 | M8 |

## Dimensions

| Designation        | L    | H    | A  | B  | S   | Number of<br>Fixing<br>Holes | V  | E   | F  |
|--------------------|------|------|----|----|-----|------------------------------|----|-----|----|
| SN43-290-510-850   | 850  | 510  | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-590-930   | 930  | 590  | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-670-1010  | 1010 | 670  | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-830-1170  | 1170 | 830  | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-990-1330  | 1330 | 990  | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-1150-1490 | 1490 | 1150 | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-1310-1650 | 1650 | 1310 | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-290-1470-1810 | 1810 | 1470 | 22 | 43 | 290 | 4                            | M8 | 2.5 | M8 |
| SN43-370-350-770   | 770  | 350  | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-430-850   | 850  | 430  | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-510-930   | 930  | 510  | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-590-1010  | 1010 | 590  | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-750-1170  | 1170 | 750  | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-910-1330  | 1330 | 910  | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-1070-1490 | 1490 | 1070 | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-1230-1650 | 1650 | 1230 | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-370-1390-1810 | 1810 | 1390 | 22 | 43 | 370 | 5                            | M8 | 2.5 | M8 |
| SN43-450-430-930   | 930  | 430  | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-510-1010  | 1010 | 510  | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-670-1170  | 1170 | 670  | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-830-1330  | 1330 | 830  | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-990-1490  | 1490 | 990  | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-1150-1650 | 1650 | 1150 | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-1310-1810 | 1810 | 1310 | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-450-1470-1970 | 1970 | 1470 | 22 | 43 | 450 | 6                            | M8 | 2.5 | M8 |
| SN43-530-590-1170  | 1170 | 590  | 22 | 43 | 530 | 7                            | M8 | 2.5 | M8 |
| SN43-530-750-1330  | 1330 | 750  | 22 | 43 | 530 | 7                            | M8 | 2.5 | M8 |
| SN43-530-910-1490  | 1490 | 910  | 22 | 43 | 530 | 7                            | M8 | 2.5 | M8 |
| SN43-530-1070-1650 | 1650 | 1070 | 22 | 43 | 530 | 7                            | M8 | 2.5 | M8 |
| SN43-530-1230-1810 | 1810 | 1230 | 22 | 43 | 530 | 7                            | M8 | 2.5 | M8 |
| SN43-530-1390-1970 | 1970 | 1390 | 22 | 43 | 530 | 7                            | M8 | 2.5 | M8 |
| SN43-610-670-1330  | 1330 | 670  | 22 | 43 | 610 | 8                            | M8 | 2.5 | M8 |
| SN43-610-830-1490  | 1490 | 830  | 22 | 43 | 610 | 8                            | M8 | 2.5 | M8 |
| SN43-610-990-1650  | 1650 | 990  | 22 | 43 | 610 | 8                            | M8 | 2.5 | M8 |
| SN43-610-1150-1810 | 1810 | 1150 | 22 | 43 | 610 | 8                            | M8 | 2.5 | M8 |
| SN43-610-1310-1970 | 1970 | 1310 | 22 | 43 | 610 | 8                            | M8 | 2.5 | M8 |

| Designation      | G    | I  | J  | K  | T  | U  |
|------------------|------|----|----|----|----|----|
| SN43-V2          | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-V3          | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-110-290 | 13.5 | 21 | 23 | 50 | 25 | 80 |

## Dimensions

| Designation        | G    | I  | J  | K  | T  | U  |
|--------------------|------|----|----|----|----|----|
| SN43-130-190-370   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-270-450   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-350-530   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-430-610   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-510-690   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-590-770   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-670-850   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-750-930   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-130-830-1010  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-190-450   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-270-530   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-350-610   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-430-690   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-510-770   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-590-850   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-670-930   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-750-1010  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-910-1170  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-1070-1330 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-1230-1490 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-210-1390-1650 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-270-610   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-350-690   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-430-770   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-510-850   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-590-930   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-670-1010  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-830-1170  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-990-1330  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-1150-1490 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-1310-1650 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-290-1470-1810 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-350-770   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-430-850   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-510-930   | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-590-1010  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-750-1170  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-910-1330  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-1070-1490 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-1230-1650 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-370-1390-1810 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-430-930   | 13.5 | 21 | 23 | 50 | 25 | 80 |

## Dimensions

| Designation        | G    | I  | J  | K  | T  | U  |
|--------------------|------|----|----|----|----|----|
| SN43-450-510-1010  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-670-1170  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-830-1330  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-990-1490  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-1150-1650 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-1310-1810 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-450-1470-1970 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-530-590-1170  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-530-750-1330  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-530-910-1490  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-530-1070-1650 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-530-1230-1810 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-530-1390-1970 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-610-670-1330  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-610-830-1490  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-610-990-1650  | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-610-1150-1810 | 13.5 | 21 | 23 | 50 | 25 | 80 |
| SN43-610-1310-1970 | 13.5 | 21 | 23 | 50 | 25 | 80 |

## SN 63

Variants below are standard configurations. Other configurations and customer-specific adaptations are available upon request. Please contact us for more information.

Fixing holes (C) for socket cap screws according to DIN 7984. Alternative fixing with Torx® screws in special design with low head (on request).

Easyslide is available in three different versions:

### Version 1 - SINGLE SLIDER

This linear bearing consists of a guide rail and a slider that runs within the ball cage in the guide rail. High load capacities, compact cross-sections and simple and easy mounting characterize the complete series.

Below we list only the standard lengths and strokes of Version 1. Special strokes and lengths on request.

### Version 2 - MULTIPLE INDEPENDENT SLIDERS

Variant with several sliders, which each runs in its own ball cage, independent of each other in the guide rail. Can be configured and used in an almost infinite variety of ways. The most common is to make a symmetrical configuration. Contact Rollco for further advice.

### Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

Several sliders run in a common ball cage within the guide rails. The division of the inner slider in two parts have a positive influence on load capacity and running behavior under high  $M_z$  and  $M_y$  loads.

Contact Rollco for detailed advice and calculations.

Dimensions in mm.

**Weight:** Rail 6.1 kg/m, slider 6,9 kg/m



Version 1 - SINGLE SLIDER

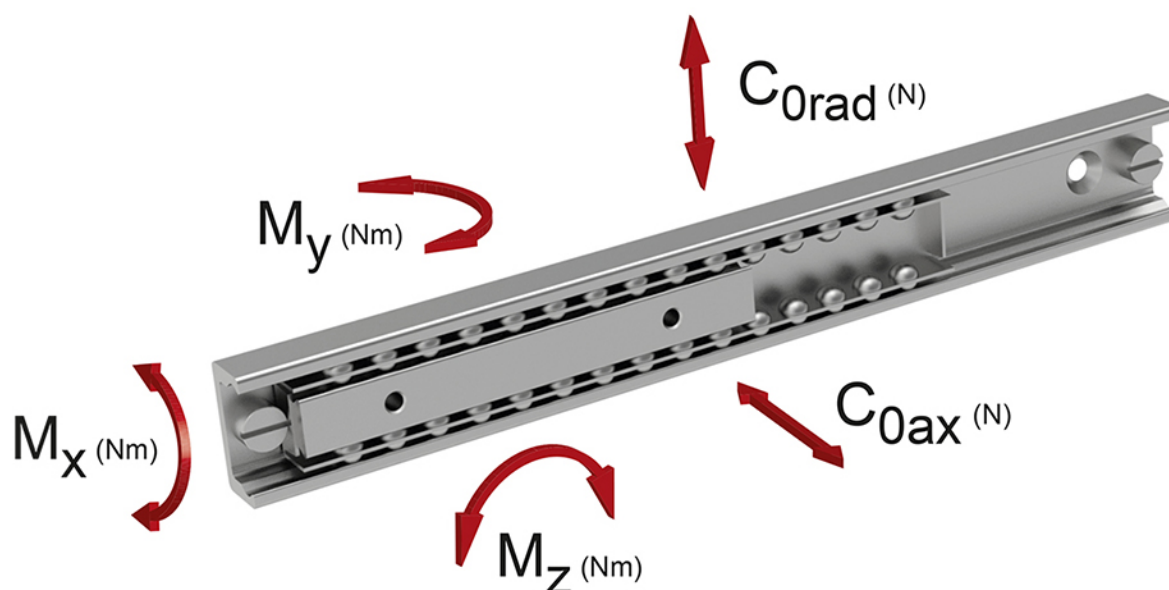


Version 2 - MULTIPLE INDEPENDENT SLIDERS



Version 3 - MULTIPLE SYNCHRONIZED SLIDERS

## General Data



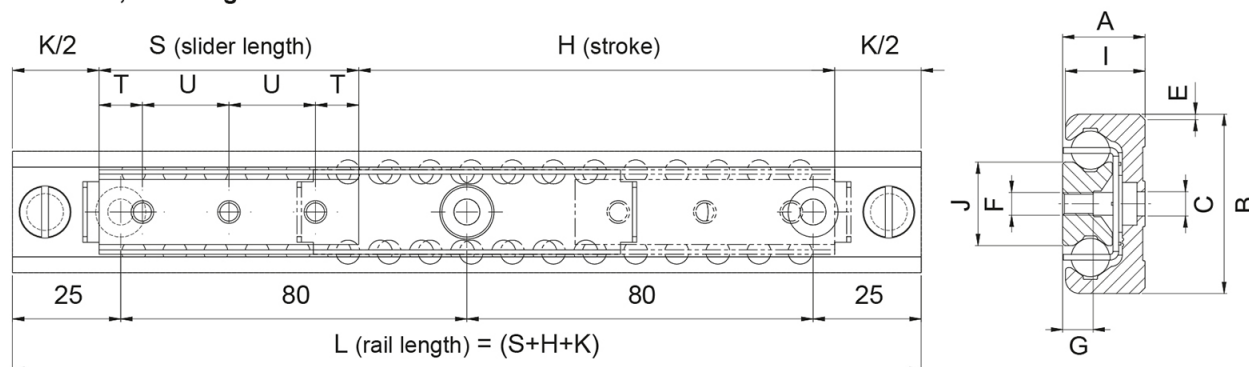
| Designation        | System Load Capacity Radial (N) | System Load Capacity Axial (N) | Permissible Moment Mx (Nm) | Permissible Moment My (Nm) | Permissible Moment Mz (Nm) |
|--------------------|---------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|
| SN63-V2            | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN63-V3            | Depends on config.              | N/A                            | N/A                        | N/A                        | N/A                        |
| SN63-130-400-610   | 26000                           | 18200                          | 238                        | 394                        | 563                        |
| SN63-130-480-690   | 26000                           | 18200                          | 238                        | 394                        | 563                        |
| SN63-130-560-770   | 26000                           | 18200                          | 238                        | 394                        | 563                        |
| SN63-130-640-850   | 26000                           | 18200                          | 238                        | 394                        | 563                        |
| SN63-130-720-930   | 26000                           | 18200                          | 238                        | 394                        | 563                        |
| SN63-130-800-1010  | 26000                           | 18200                          | 238                        | 394                        | 563                        |
| SN63-210-320-610   | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-400-690   | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-480-770   | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-560-850   | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-640-930   | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-720-1010  | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-880-1170  | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-1040-1330 | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-1200-1490 | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-210-1360-1650 | 42000                           | 29400                          | 385.8                      | 1029                       | 1470                       |
| SN63-290-240-610   | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |
| SN63-290-320-690   | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |
| SN63-290-400-770   | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |
| SN63-290-480-850   | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |
| SN63-290-560-930   | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |
| SN63-290-640-1010  | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |
| SN63-290-800-1170  | 58000                           | 40600                          | 532.8                      | 1962                       | 2803                       |

## General Data

| Designation        | System Load<br>Capacity Radial (N) | System Load<br>Capacity Axial (N) | Permissible Moment<br>Mx (Nm) | Permissible Moment<br>My (Nm) | Permissible Moment<br>Mz (Nm) |
|--------------------|------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|
| SN63-290-960-1330  | 58000                              | 40600                             | 532.8                         | 1962                          | 2803                          |
| SN63-290-1120-1490 | 58000                              | 40600                             | 532.8                         | 1962                          | 2803                          |
| SN63-290-1280-1650 | 58000                              | 40600                             | 532.8                         | 1962                          | 2803                          |
| SN63-370-320-770   | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-400-850   | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-480-930   | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-560-1010  | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-720-1170  | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-880-1330  | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-1040-1490 | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-1200-1650 | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-370-1360-1810 | 74000                              | 51800                             | 679.8                         | 3194                          | 4563                          |
| SN63-450-400-930   | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-480-1010  | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-640-1170  | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-800-1330  | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-960-1490  | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-1120-1650 | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-1280-1810 | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-450-560-1170  | 90000                              | 63000                             | 826.7                         | 4725                          | 6750                          |
| SN63-530-560-1170  | 106000                             | 74200                             | 973.7                         | 6554                          | 9363                          |
| SN63-530-720-1330  | 106000                             | 74200                             | 973.7                         | 6554                          | 9363                          |
| SN63-530-880-1490  | 106000                             | 74200                             | 973.7                         | 6554                          | 9363                          |
| SN63-530-1040-1650 | 106000                             | 74200                             | 973.7                         | 6554                          | 9363                          |
| SN63-530-1200-1810 | 106000                             | 74200                             | 973.7                         | 6554                          | 9363                          |
| SN63-530-1360-1970 | 106000                             | 74200                             | 973.7                         | 6554                          | 9363                          |
| SN63-610-640-1330  | 122000                             | 85400                             | 1120.7                        | 8682                          | 12403                         |
| SN63-610-800-1490  | 122000                             | 85400                             | 1120.7                        | 8682                          | 12403                         |
| SN63-610-960-1650  | 122000                             | 85400                             | 1120.7                        | 8682                          | 12403                         |
| SN63-610-1120-1810 | 122000                             | 85400                             | 1120.7                        | 8682                          | 12403                         |
| SN63-610-1280-1970 | 122000                             | 85400                             | 1120.7                        | 8682                          | 12403                         |

## Dimensions

### Version 1, with single slider



To ensure that all fixing holes of the rail are accessible, S must be  $< L/2 - K$ .

To ensure proper smooth movement it is necessary that  $H \leq 7S$ .

| Designation        | L                  | H    | A  | B  | S   | Number of Fixing Holes | C  | E    | F  |
|--------------------|--------------------|------|----|----|-----|------------------------|----|------|----|
| SN63-V2            | Depends on config. | N/A  | 29 | 63 | N/A | N/A                    | M8 | 2x45 | M8 |
| SN63-V3            | Depends on config. | N/A  | 29 | 63 | N/A | N/A                    | M8 | 2x45 | M8 |
| SN63-130-400-610   | 610                | 400  | 29 | 63 | 130 | 2                      | M8 | 2x45 | M8 |
| SN63-130-480-690   | 690                | 480  | 29 | 63 | 130 | 2                      | M8 | 2x45 | M8 |
| SN63-130-560-770   | 770                | 560  | 29 | 63 | 130 | 2                      | M8 | 2x45 | M8 |
| SN63-130-640-850   | 850                | 640  | 29 | 63 | 130 | 2                      | M8 | 2x45 | M8 |
| SN63-130-720-930   | 930                | 720  | 29 | 63 | 130 | 2                      | M8 | 2x45 | M8 |
| SN63-130-800-1010  | 1010               | 800  | 29 | 63 | 130 | 2                      | M8 | 2x45 | M8 |
| SN63-210-320-610   | 610                | 320  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-400-690   | 690                | 400  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-480-770   | 770                | 480  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-560-850   | 850                | 560  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-640-930   | 930                | 640  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-720-1010  | 1010               | 720  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-880-1170  | 1170               | 880  | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-1040-1330 | 1330               | 1040 | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-1200-1490 | 1490               | 1200 | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-210-1360-1650 | 1650               | 1360 | 29 | 63 | 210 | 3                      | M8 | 2x45 | M8 |
| SN63-290-240-610   | 610                | 240  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-320-690   | 690                | 320  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-400-770   | 770                | 400  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-480-850   | 850                | 480  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-560-930   | 930                | 560  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-640-1010  | 1010               | 640  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-800-1170  | 1170               | 800  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-960-1330  | 1330               | 960  | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-290-1120-1490 | 1490               | 1120 | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |

## Dimensions

| Designation        | L    | H    | A  | B  | S   | Number of Fixing Holes | C  | E    | F  |
|--------------------|------|------|----|----|-----|------------------------|----|------|----|
| SN63-290-1280-1650 | 1650 | 1280 | 29 | 63 | 290 | 4                      | M8 | 2x45 | M8 |
| SN63-370-320-770   | 770  | 320  | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-400-850   | 850  | 400  | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-480-930   | 930  | 480  | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-560-1010  | 1010 | 560  | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-720-1170  | 1170 | 720  | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-880-1330  | 1330 | 880  | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-1040-1490 | 1490 | 1040 | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-1200-1650 | 1650 | 1200 | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-370-1360-1810 | 1810 | 1360 | 29 | 63 | 370 | 5                      | M8 | 2x45 | M8 |
| SN63-450-400-930   | 930  | 400  | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-480-1010  | 1010 | 480  | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-640-1170  | 1170 | 640  | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-800-1330  | 1330 | 800  | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-960-1490  | 1490 | 960  | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-1120-1650 | 1650 | 1120 | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-1280-1810 | 1810 | 1280 | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-450-560-1170  | 1170 | 560  | 29 | 63 | 450 | 6                      | M8 | 2x45 | M8 |
| SN63-530-560-1170  | 1170 | 560  | 29 | 63 | 530 | 7                      | M8 | 2x45 | M8 |
| SN63-530-720-1330  | 1330 | 720  | 29 | 63 | 530 | 7                      | M8 | 2x45 | M8 |
| SN63-530-880-1490  | 1490 | 880  | 29 | 63 | 530 | 7                      | M8 | 2x45 | M8 |
| SN63-530-1040-1650 | 1650 | 1040 | 29 | 63 | 530 | 7                      | M8 | 2x45 | M8 |
| SN63-530-1200-1810 | 1810 | 1200 | 29 | 63 | 530 | 7                      | M8 | 2x45 | M8 |
| SN63-530-1360-1970 | 1970 | 1360 | 29 | 63 | 530 | 7                      | M8 | 2x45 | M8 |
| SN63-610-640-1330  | 1330 | 640  | 29 | 63 | 610 | 8                      | M8 | 2x45 | M8 |
| SN63-610-800-1490  | 1490 | 800  | 29 | 63 | 610 | 8                      | M8 | 2x45 | M8 |
| SN63-610-960-1650  | 1650 | 960  | 29 | 63 | 610 | 8                      | M8 | 2x45 | M8 |
| SN63-610-1120-1810 | 1810 | 1120 | 29 | 63 | 610 | 8                      | M8 | 2x45 | M8 |
| SN63-610-1280-1970 | 1970 | 1280 | 29 | 63 | 610 | 8                      | M8 | 2x45 | M8 |

| Designation       | G    | I  | J    | K  | T  | U  |
|-------------------|------|----|------|----|----|----|
| SN63-V2           | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-V3           | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-130-400-610  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-130-480-690  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-130-560-770  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-130-640-850  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-130-720-930  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-130-800-1010 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-320-610  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-400-690  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |

## Dimensions

| Designation        | G    | I  | J    | K  | T  | U  |
|--------------------|------|----|------|----|----|----|
| SN63-210-480-770   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-560-850   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-640-930   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-720-1010  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-880-1170  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-1040-1330 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-1200-1490 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-210-1360-1650 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-240-610   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-320-690   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-400-770   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-480-850   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-560-930   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-640-1010  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-800-1170  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-960-1330  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-1120-1490 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-290-1280-1650 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-320-770   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-400-850   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-480-930   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-560-1010  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-720-1170  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-880-1330  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-1040-1490 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-1200-1650 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-370-1360-1810 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-400-930   | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-480-1010  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-640-1170  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-800-1330  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-960-1490  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-1120-1650 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-1280-1810 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-450-560-1170  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-530-560-1170  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-530-720-1330  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-530-880-1490  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-530-1040-1650 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-530-1200-1810 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-530-1360-1970 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-610-640-1330  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |

## Dimensions

| Designation        | G    | I  | J    | K  | T  | U  |
|--------------------|------|----|------|----|----|----|
| SN63-610-800-1490  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-610-960-1650  | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-610-1120-1810 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |
| SN63-610-1280-1970 | 10.5 | 28 | 29.3 | 80 | 25 | 80 |

## RA Grease

NLGI grade 1.5

Clear grease based on synthetic oils and PTFE. Will fulfil all severe specifications from bearing manufacturers, industrial applications and vehicle producers. Very suitable for use where long service life is required and desired. The specific rheological properties of the lubricant will give very low good flow properties of the grease at extremely low temperatures, at the same time the high film strength and thickness will guarantee lubrication also at elevated temperatures. The type of PTFE used will adhere strongly to all surfaces lubricated and give a very low friction coefficient. The grease is water resistant, withstands oxidation, has very good mechanical stability, is completely non-toxic and provides a very wide application temperature range.

**Temperature:** -40 to +260 °C (application range)



## General Data

| Designation        | Remark            | Colour            | Weight (g) |
|--------------------|-------------------|-------------------|------------|
| RA Grease NLGI 1.5 | Cartridge package | Translucent white | 400 g      |